

V2V Global Partnership Secretariat in action: Welcoming Dr. Micaela Trimble as a V2V Visiting Fellow under the "Paul Onyango V2V Visiting Fellows Program for Senior Scholars and Practitioners"

V2V Global Partnership Secretariat welcomed Dr. [Micaela Trimble](#) from the South American Institute for Resilience and Sustainability Studies ([SARAS](#)) as our third V2V visiting fellow. She visited the [University of Waterloo](#) under the "Paul Onyango V2V Visiting Fellows Program for Senior Scholars and Practitioners". Dr. Trimble's visit involved a number of activities. Foremost were a series of meetings and planning sessions to advance linkages between the V2V Global Partnership and the Integrated Marine Biosphere Research ([IMBeR](#)) research network. A particular focus was planning for the upcoming (2024) IMBIZO meeting on small-scale fisheries, aquaculture, and governance.



Micaela Trimble

Bachelor and Master in Biological Sciences (University of the Republic, Uruguay), and PhD in Natural Resources and Environmental Management (University of Manitoba, Canada). She completed her post-doctorates and was an Adjunct Professor at the Center for Marine Studies of the Federal University of Paraná (Brazil) and at the Environmental Sustainability Research Centre at Brock University (Canada). She is a member of the National System of Researchers of Uruguay. Her lines of research (with inter/transdisciplinary approaches) focus on governance and co-management of social-ecological systems (watersheds, small-scale fisheries, protected areas), public participation (including the development and evaluation of deliberative participatory processes), and adaptation to climate change. She was the Research and Cooperation Coordinator of SARAS between 2018 and 2020.

Dr. Trimble also gave a series of talks and presentations, including a guest lecture in an undergraduate class on coastal systems, and a graduate seminar with colleagues and friends at Brock University (e.g., Dr. [Jessica Blythe](#), co-lead of the knowledge mobilization working group). During her time in Waterloo, Dr. Trimble also shared with Waterloo-based V2V graduate students a recent documentary she co-produced: "[Fishing Transformations](#)" ("Pescando Transformaciones" in Spanish).



Dr. [Micaela Trimble](#) presenting on small-scale fisheries transformations in Uruguay.

The video project aims to co-create a transformative space by identifying and bringing together several innovative initiatives in small-scale fisheries in Uruguay and thus promoting the exchange of experiences, knowledge, and visions of the future. The video explains that small-scale fisheries are part of a food system that connects fishers, gastronomes, and consumers through the flavors and the pieces of knowledge of the seas, lagoons, and rivers. However, in Uruguay, small-scale fisheries face a paradox: local and sustainable fishing is more valued than ever, but fishers struggle to maintain their livelihoods and culture. In response, multiple actors linked to the local food system around small-scale fisheries are applying local solutions and articulating innovative initiatives to overcome this challenge. At the end of the session, Dr. Trimble spent time engaging in research discussions with V2V graduate students and sharing her ideas and perspectives on student projects.

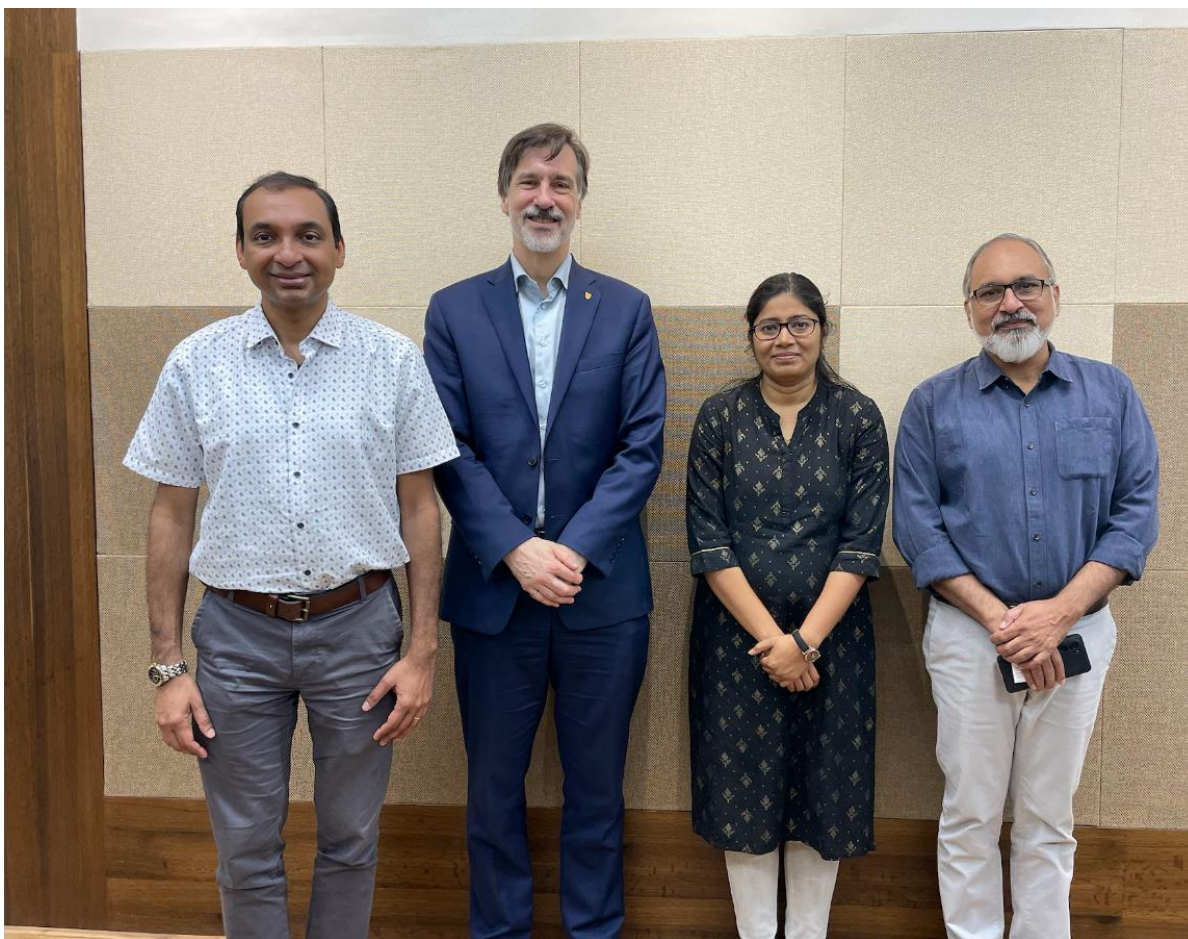


V2V partners in action: IIT Bombay colleagues and IIT Kharagpur hosting the Associate Vice President of the International Office at the University of Waterloo

Dr. [Ian Rowlands](#), Associate Vice President of the International Office at the University of Waterloo, visited two V2V partner organization, [IIT Kharagpur](#) and [IIT Bombay](#) to hold leadership discussions, reviewing current connections and future potential between the University of Waterloo and these two organizations.



Dr. [Ian Rowlands](#) meeting with Dr. [Priyadarshi Patnaik](#) (Co-Lead of the V2V Information Systems Working Group and V2V country coordinator in India), Dr. Manas K. Mandal (V2V collaborator), and V2V graduate students during his visit to Rekhi Centre of Excellence for the Science of Happiness, IIT Kharagpur.



Dr. [Ian Rowlands](#) meeting with Dr. [Sarmistha Pattanaik](#) (V2V co-investigator in India) and Dr. [N. C. Narayanan](#) during his visit to the IIT Bombay.

Graduate student in Action: Attending the 2023 UN Water Conference

Contributor: [Navya Vikraman Nair](#) | V2V PhD candidate, University of Waterloo, Canada

I had the opportunity to attend the 2023 UN Water Conference in New York from March 22nd until March 24th, 2023, with fellow graduate students, Kevin B. White, Harshina Brijlall, and Isabel Jorgensen. I am deeply indebted to the Water Institute at the University of Waterloo, for giving us this opportunity.

The 2023 Water Conference at the United Nations was a remarkable event that brought together scientists, policymakers, stakeholders, and early career researchers like me from all over the world to discuss and share insights on the importance of water quality. Many sessions also highlighted the value of wetlands and small-scale fisheries in achieving sustainable development. One of the key takeaways from the conference was the recognition of the critical role that water quality plays in the health and productivity of small-scale fisheries. Participants emphasized the need for comprehensive monitoring and management of water quality to ensure the sustainability of aquatic ecosystems and the livelihoods of the communities that rely on them.

Another important aspect that emerged from the conference was the need for stronger collaboration and partnership between governments, NGOs, and other stakeholders to address the multiple challenges facing small-scale fisheries. This includes issues such as overfishing, climate change, and the impact of pollution on aquatic ecosystems. The conference also highlighted the importance of integrating traditional knowledge and local practices into management strategies for small-scale fisheries. Traditional ecological knowledge, for instance, provides valuable insights into local ecosystems, enabling communities to develop effective strategies for sustaining their resources.



The University of Waterloo graduate students, Navya.V. Nair, Kevin B. White, Isabel Jorgensen, and Harshina Brijlall (from left to right), attending the UN Water Conference at UN Headquarters in New York.

I was honoured to meet Inge Retnowati, Director of Inland Waters and Mangrove Rehabilitation (Ministry of Environment and Forestry), Indonesia, who shared their positive experiences of many nature-based solutions and wetland restoration efforts for water security. It was interesting to see how the multistakeholder water conservation program in Indonesia aims to raise awareness about water conservation among local communities. One of the key takeaways I gained from the session was "Every drop saved makes a difference". The Freshwater Challenge, announced at the UN Water Conference, has a goal of restoring 300,000 km of rivers and 350 million hectares of wetlands by 2030. "Our societies and economies depend on healthy rivers, lakes, and wetlands, but these resources are often overlooked and undervalued", said UNEP Executive Director, Inger Andersen, who stressed how our society and economy depend on healthy rivers, lakes, and wetlands. Even though pledges to restore a billion hectares of land have

been made, the "freshwater challenge" is an important first step toward promoting freshwater ecosystems."

Overall, the 2023 Water Conference was a powerful reminder of the critical importance of water quality and small-scale fisheries in achieving sustainable development. It underscored the need for innovative solutions and strengthened partnerships to address the challenges facing small-scale fisheries and ensure the long-term sustainability of aquatic ecosystems and of the communities that depend on them. If you would like to know more, read our reflections [here](#).



Navya.V. Nair and Kevin B. White on a break between the sessions with Water Institute's Executive Director, Roy Brouwer (Left), and Knowledge Mobilization Specialist, Nancy Goucher (Right).

Experience with photovoice assignment through the V2V Photo of the Week initiative

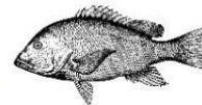
by Dr. [Ana Carolina Esteves Dias](#) | Former V2V Postdoctoral Fellow, University of Waterloo, Canada

As part of the Traditional Ecological Knowledge course Ana Carolina (former V2V postdoctoral fellow) has used a photovoice assignment in her teaching course to foster student engagement and critical thinking. This course targeted undergraduate students of the Faculty of Liberal Arts at Wilfrid Laurier University, Canada, from different diverse programs. The three main purposes of the assignment were to (1) support student engagement with the core ideas surrounding traditional ecological knowledge, (2) encourage students to apply the concepts discussed in class to understand elements of traditions in an existing context, and (3) help students to take a position and reflection upon their own positionality and intersectionality while studying traditional ecological knowledge.



PHOTO OF THE WEEK

"Photo of The Week" is an initiative that has helped our members to be more aware of each other's research areas. These photos showcase different forms of vulnerabilities and sources for viability, different boats, tools and gear types and social groups involved in SSF around the world!



V2V Photo of the Week 2020

V2V Photo of the Week 2021

V2V Photo of the Week 2022

V2V Photo of the Week 2023

To help students, inspirational materials were shared with the class, including the V2V photo of the week initiative. Some students presented V2V photos, for example, reflecting on social and ecological dimensions of Ghana's fisheries self-organization (e.g., fishers go out fishing six days a week and keep one day for repairs). The assignment was very interesting and appreciated by the class. Students engaged in discussions after each presentation and shared their positions,

reflected upon their personal biases, asked questions, and shared their curiosity and personal experiences. Among students, there were many with indigenous backgrounds, and they shared their own culture through the photovoice exercise. Students reflected on how they would use photovoice in their work in the social sciences domain. See reflections from students regarding this photovoice assignment below:

Student

1

"Firstly, I enjoyed the photovoice component of this course. I had never heard of doing a photovoice before this course, and I think it is an excellent way of storytelling of knowledge. I believe that using this sort of technique in the social sciences, as well as Indigenous knowledge, would allow me to understand the viewpoint of clients that I may not be able to grasp the whole concept or the whole picture; "photovoice is frequently used to convey the experience of living as a member of a marginalized group" (Tippin, 2002, p.332). I will try to incorporate this exercise into my future practice where I can as it can encourage decolonizing mindsets and encourage creativity, storytelling, and the spread of knowledge that may otherwise go unacknowledged."

Student

2

"From a photo voice assignment in this course, I was able to learn that fishing is a form of traditional ecological knowledge. These fishing groups are known as "traditional fishing communities". This community can be understood as a group of people who "share identity and attachment toward one another and interact on an ongoing basis to perform activities along the fisheries value chain based on experimental knowledge accumulated over time and passed over generations. (Nayak et al., 2021). This shows that the knowledge surrounding traditional fishing communities is a part of traditional ecological knowledge because it is traditional knowledge, that has been learned and passed down for many generations."

V2V members in Action: Participating in the 5th International Symposium on Effects of Climate Change on the World's Oceans (ECCWO 5) in Bergen, Norway

Contributor: [Md. Emon Rahman](#) (Early-career researcher, University of Liberal Arts

Bangladesh) and Dr. [Prateep Kumar Nayak](#) (Project Director, V2V Global Partnership, University of Waterloo, Canada)

The 5th edition of the [ECCWO symposium](#) (April 17-21, 2023) brought together experts from around the world to better understand climate impacts on ocean ecosystems, the ecosystem services they provide, and the people, businesses, and communities that depend on them. The event highlighted the latest information on how oceans are changing, what is at risk, responses that are underway, and strategies for increasing climate resilience, mitigation, and adaptation.

V2V had an active presence at the ECCWO symposium. V2V Project Director, Dr. [Prateep Kumar Nayak](#) from the University of Waterloo, convened two sessions. Dr. [Samiya Selim](#) (V2V country coordinator from the University of Liberal Arts Bangladesh) and Dr. [Jenia Mukherjee](#) (V2V country coordinator from the Indian Institute of Technology Kharagpur) were invited speakers at this event. [Md. Emon Rahman](#), a V2V early-career researcher at the University of Liberal Arts Bangladesh, presented a V2V case study research paper. [Pallavi Padmanavan](#), a graduate student from the Indian Institute of Technology Bombay, also presented her doctoral research work at the symposium.

Dr. [Prateep Kumar Nayak](#) convened a session on ‘Transitioning from Vulnerable to Resilient and Viable Fisheries Social-Ecological Systems’ in collaboration with [Katherine Maltby](#), Gulf of Maine Research Institute, USA, [Catie Alves](#), ECS Federal, Inc. NOAA Fisheries, and [Jacob Eurich](#), Environmental Defense Fund. The goal of the session was to examine the diverse factors and conditions contributing to fisheries' vulnerability and/or resilience, characterize ways fisheries are responding to climate change, and reflect on pathways that facilitate transitions from vulnerability to resilient and viable fisheries systems. At this session, a total of nineteen papers presentations were made by researchers around the world focusing on case studies reflecting a range of fisheries contexts.

As part of Blue Carbon Working Group, [IMBeR](#) (Integrated Marine Biosphere Research), Dr. [Prateep Kumar Nayak](#) (V2V Global Partnership, University of Waterloo, Canada) and Dr. [Tiziana Luisetti](#) (Centre for Environment, Fisheries & Aquaculture Science (Cefas), UK) convened a session on "Beyond blue carbon: Ocean-based carbon dioxide removal (CDR) approaches" in collaboration with Dr. [Darren Pilcher](#) and Dr. [Brendan Carter](#) (both from the University of Washington, USA). This session focused on the current natural science gaps in ocean CDR techniques, in addition to the economic, social science, and governance knowledge required to ensure the efficiency and effectiveness of approaches, including blue carbon. At this

session, a total of eight paper presentations were made by researchers around the world focusing on case studies reflecting a range of fisheries contexts.



A V2V group dinner with members, graduate students, and early career researchers during the ECCWO symposium in Bergen, Norway.

Md. Emon Rahman, a V2V Early Career Researcher, also presented his research findings on the 'Adaptation Strategies of Small-Scale fishers to storms and extreme climatic events in the coastal region of Bangladesh' where he talked about how changes in the social-ecological context influence fishers' vulnerability to extreme events and how they make decisions around fishing related to extreme weather events.

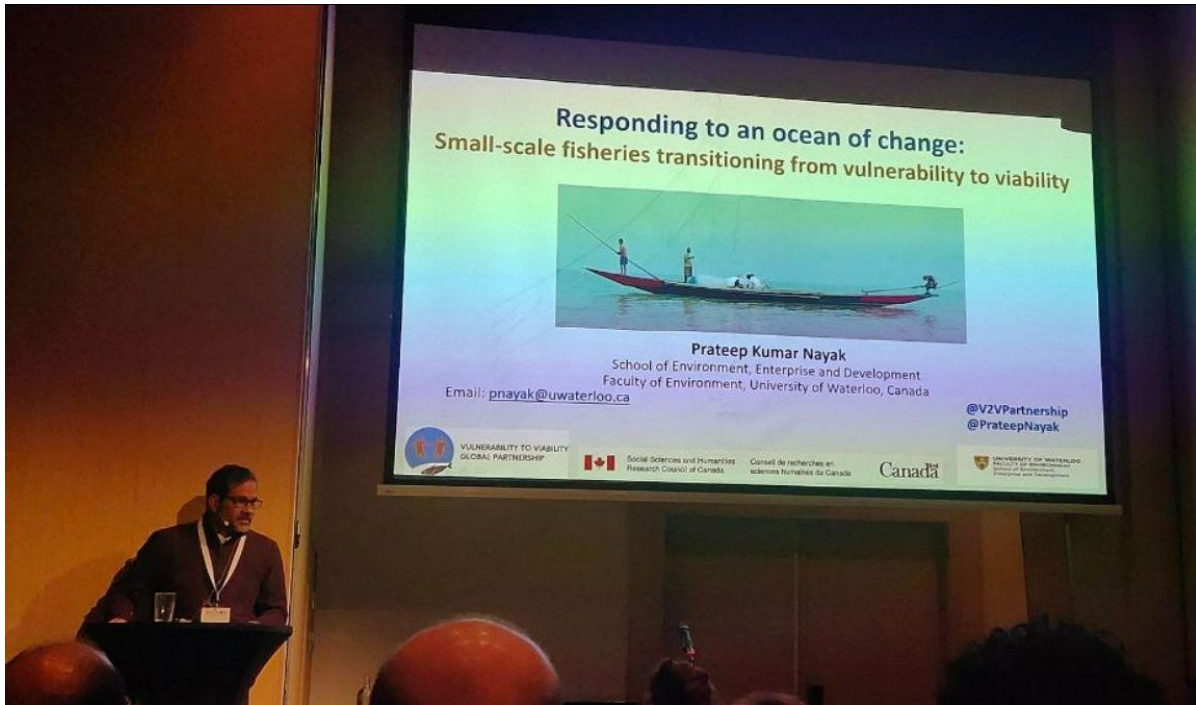


Fishery ghat, Moheshkhali , Bangladesh. Photo credit: Md. Emon Rahman, 2023.

Dr. [Jenia Mukherjee](#) (V2V country coordinator from the Indian Institute of Technology Kharagpur) was an Invited Speaker and presented a paper on 'Dealing with risks, dwelling in the delta: Viable stories of SSF from transboundary Sundarbans'.



Dr. [Prateep Kumar Nayak](#) (V2V Project Director from the University of Waterloo, Canada) presented a paper on 'Responding to an ocean of change: Small-scale fisheries transitioning from vulnerability to viability'.

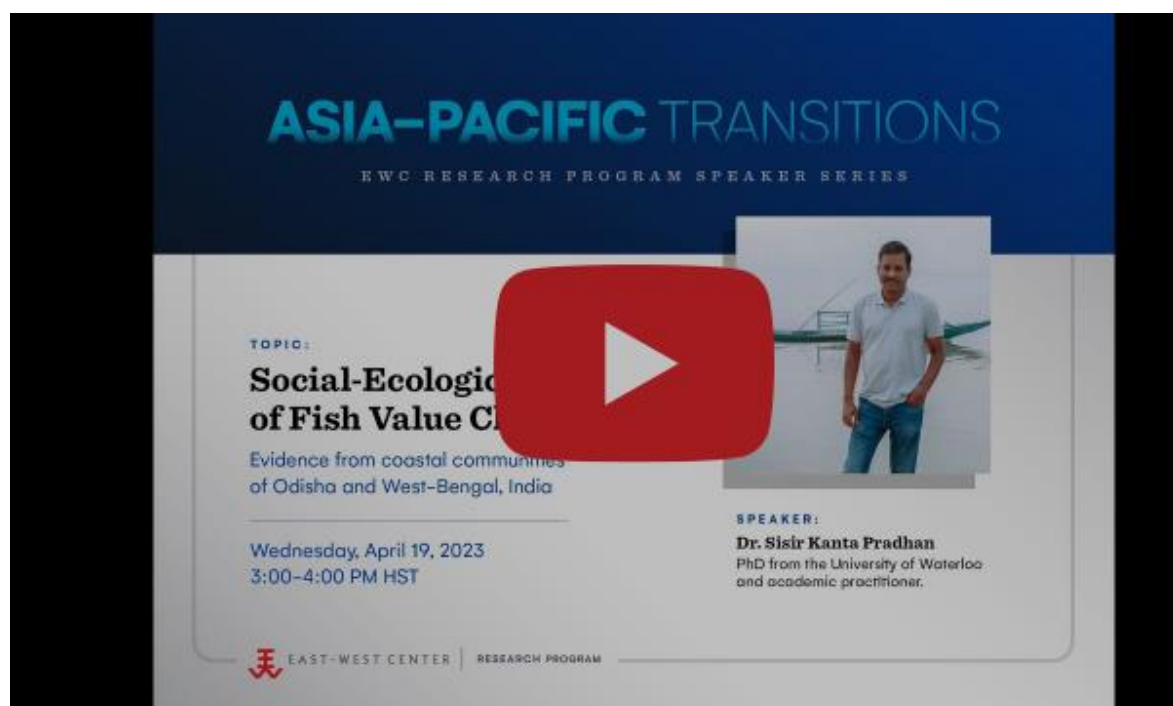


Dr. [Samiya Selim](#) (V2V Country Coordinator from the University of Liberal Arts Bangladesh) was an Invited Speaker and presented a paper on ‘Participatory and Transdisciplinary Research Approaches in addressing Challenges around Climate Change and Sustainable Development’.



V2V early career researcher in Action: Speaking at the East-West Center Research Program Speaker Series

Dr. [Sisir Kanta Pradhan](#) was featured at the speaker series of [East-West Center Research](#), talking about "Social-ecological system analysis of dried fish value chain for community wellbeing in Bay of Bengal coast of Odisha and West Bengal". He explained that poor fishers and dried fish processors placed at the extractive end of the value chain hold low power in the market and remain vulnerable to changing social-ecological system (SES) dynamics. He referred to his paper ([Pradhan et al., 2022](#)) and emphasized how the mixed methods research framework in it provides an empirical outlook of the dried fish value chain in relation to SES attributes in the context of the eastern Indian coast of the Bay of Bengal, including Odisha and West Bengal. The paper maps out the dried fish value chain in the case study context and provides an empirical analysis of attributes of the social-ecological system-oriented dried fish value chain (SESDFVC). SESDFVC values dynamic resource contexts considers upstream actors as active collaborators, and expands the notion of value to include the social-ecological wellbeing of the value chain actors.



Graduate student in action: Completing the fieldwork at Perhentian Marine Park

Contributor: Betty Ngui Chiew Pieng | **V2V Master's student, Universiti Tun Abdul Razak (UNIRAZAK), Malaysia**

Betty Ngui Chiew Pieng, a V2V Master's student from University Tun Abdul Razak, Kuala Lumpur, Malaysia conducted fieldwork at Perhentian Marine Park, in September 2022 for her Master's research project. Her Master's research topic is "Inequity, Vulnerability, and Livelihoods of Small-Scale Fisheries: A Case of No-Take Marine Protected Area in Perhentian Islands, Malaysia". The main objectives of the research were first, to assess how social, governance, and ecological factors affect the livelihoods of small-scale fishers in the marine park and second, to investigate how the distribution of income affects the livelihoods of small-scale fishers in the marine park. The "No-Take zones" marine protected area resulted in a restriction on access to fisheries resources. The promotion of mass tourism has created employment and income opportunities for both locals as well as outsiders. The perception of the local community in the marine park was invaluable in comprehending how the establishment of the marine park creates vulnerability to small-scale fishers on the islands, and how the local fishers adapt to the livelihood challenges. The viability of local artisanal fisher livelihoods depends on government and institutional initiatives pertaining to fair access to employment and equitable distribution of income.



Fishing boats anchored in front of the fishing village. Photo credit: [Betty Ngui Chiew Pieng](#), 2022.



Restaurants in a tourism area at Long Beach in Perhentian. Photo credit: [Gazi Md Nurul Islam](#), 2022.

Partner Institution in action: Diponegoro University signing MOU with the University of Waterloo

Contributor: [Hapsari Ayu Kusumawardhani](#) | V2V PhD student, Diponegoro University (UNDIP), Indonesia

On January 22, 2023, Dr. [Prateep Kumar Nayak](#), Dr. [Bruce Frayne](#), and Dr. [Simron Singh](#) from the University of Waterloo visited the Universitas Diponegoro (UNDIP), Semarang city, to sign an MOU between the UNDIP and the University of Waterloo. The event took place in the

Engineering Hall, Dekanat of the Faculty of Engineering. Both institutions are already strong partners under the V2V global Partnership but the signing of the larger institutional MOU marks the beginning of a new phase of collaboration between the two. The Waterloo delegation was received formally by the head of the Universitas Diponegoro international office. The signing was attended by the Deans of the Faculty of Economics and Business, Deputy Dean of the Faculty of Economics and Business, Dean of the Faculty of Engineering, Dean of the Faculty of Fisheries and Marine Sciences, Dean of postgraduate school, director of the academic directorate, Collaboration Manager and Academic Cooperation Supervisor from the Universitas Diponegoro.



MOU signing ceremony between the UNDIP and the University of Waterloo. Photo credit: UNDIP, 2023.

After the MOU signing ceremony, Dr. [Prateep Kumar Nayak](#), Dr. [Bruce Frayne](#), and Dr. [Simron Singh](#) joined V2V Country Coordinator, Dr. [Indah Susilowati](#), for a field trip to visit a case study location in Demak Regency, around 19 mil from Semarang city where Vannamei Shrimp and seaweed farming is being undertaken as part of a UNDIP facilitated research project. The team

was received by Mr. Ghofur, the chairman of the coastal area association “jhaya bakti”. The focus of this project includes Coastal Restoration Techniques like a greenbelt and AMA System, Integrated Multi-trophic Aquaculture (IMTA), and Low External Input Sustainable Agriculture (LEISA). Demak Regency is a coastal area that struggles with severe abrasion year after year.



[from left to right] Dr. [Simron Singh](#), Dr. [Indah Susilowati](#), Dr. [Bruce Frayne](#), and Dr. [Prateep Kumar Nayak](#) visited the small-scale fishing community located at Demak Regency, Indonesia.

Photo credit: UNDIP, 2023.

In welcoming the Waterloo team, V2V students made a special handbook and dressed in their V2V Indonesia uniform. The V2V Indonesia uniform is used by the team members during big events and research meetings. This uniform is used as a unique identity of V2V Indonesia members who are at UNDIP. The idea of a work uniform is aimed at inspiring team members and adding to their enthusiasm to study and work to further the goals of the V2V Global partnership. The idea of a uniform was originally championed by Dr. [Indah Susilowati](#) (V2V Country Coordinator) and the dresses were sponsored by Dr. Nugroho Sumarjiyanto at the

Faculty of Economics and Business at UNDIP. Batik is one of the cultural identities of Indonesia and it is a technique of using wax and dye to create patterns on pieces of clothing. Batik is commonly used by Indonesians in various rituals, traditions, and celebrations. In addition, the motifs carry various symbolic meanings that are tied to the Indonesian heritage. The use of Batik as a uniform is a simple effort by the Indonesian Country Team to align V2V aspirations with the cultural heritage of Indonesia.



A handbook prepared by the V2V Indonesia team (cover designer: [Arisanti Ayu Wardhani](#))



The fabric used for making the V2V Indonesia uniform. The uniform is used as a unique identity for V2V Indonesia members who are at the UNDIP.



V2V graduate students of Indonesia team wearing their V2V uniforms and posing with senior scholars (Dr. Bruce Frayne, and Dr. Prateep Nayak, Dr. Simron Singh, Dr. Indah Susilowati, and Dr. Waridin) inside UDIP. Photo Credit: UNDIP, 2023.

The visit by the University of Waterloo team to UNDIP, the ceremony to sign a MOU for collaboration and the visit to the fish farming project case study site were very memorable and will remain an important foundation for the continuation of the V2V collaboration between Diponegoro University and the University of Waterloo. Please come to Universitas Diponegoro again,

Prof. Prateep!

Click [here](#) (UWaterloo website) and [here](#) (UNDIP website) to read the news regarding the MOU event and partnership between the University of Waterloo and Diponegoro University.

You can watch a documentation video prepared by [undip.tv](#) (the official YouTube channel

managed by Integrated Services & Public Relations of Diponegoro University) that summarizes the events and activities took place:



Country Coordinator in Action: Attending the IYAFA Closing Ceremony

Contributor: [Yinji Li](#) | V2V Country Coordinator, Tokai University, Japan

Dr. [Yinji Li](#), V2V country coordinator in Japan, attended the IYAFA Closing Ceremony held on Feb 28, 2023, representing one of the country hubs of TBTI (led by Dr. Ratana Chuenpagdee), the TBTI Japan Research Network. In her talk, Dr. Li introduced the 4th World Small-Scale Fisheries Congress Asia-Pacific which was hosted by the TBTI Japan in May 2022 to celebrate IYAFA 2022. She emphasized that the main message from the congress is the importance of the concept of 'togetherness' [or Ichi-danketsu in Japanese], which was argued as a necessary condition for building forward better. As a follow-up from the congress, TBTI Japan plans to raise awareness and build capacity for small-scale fisheries, especially to support the full implementation of the small-scale fisheries guidelines in Japan. There were 304 participants

from 42 countries around the world gathered together and celebrated the important year, and renewed their commitment to small-scale fisheries and aquaculture.



The recording of the IYAFA Closing Ceremony, including Dr. Li's talk:



Graduate student in Action: Contributing to the FAO Global Forum on Food Security and Nutrition (FSN Forum)

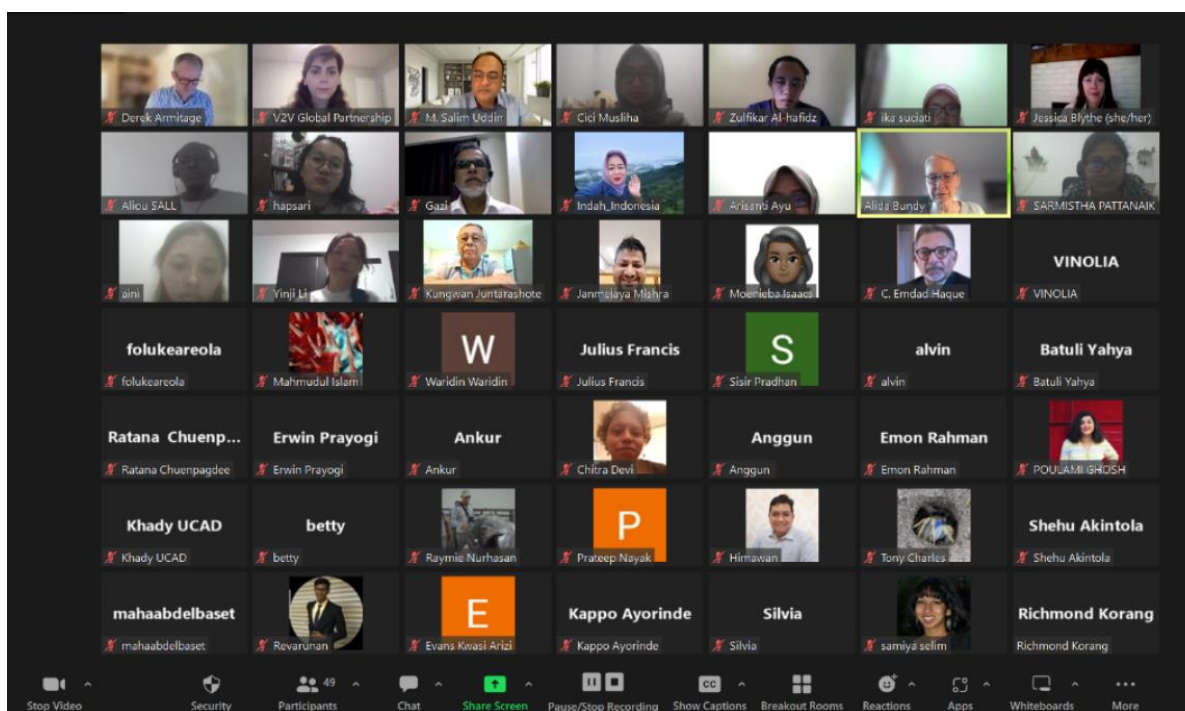
Contributor: [Foluke Omotayo Areola](#) | PhD student, Lagos State University (LSU), Nigeria

[Foluke Omotayo Areola](#), a V2V PhD student from Lagos State University (LSU), Nigeria contributed to the FAO [FSN Forum](#) by publishing a short article titled “*What are the barriers and opportunities for scientists and other knowledge holders to contribute to informing policy for more efficient, inclusive, resilient, and sustainable agri-food systems?*”. You can read this article [here](#).

V2V Working Groups in Action: V2V Virtual February Project Meeting

V2V Virtual February Project Meeting took place in the last week of February 2023 where each day was dedicated to activities and workshops coordinated by [five V2V Working Groups](#). The series of meetings and workshops at this event was a great opportunity in moving the V2V project forward while focusing on the following five themes by respective Working Groups:

- *From concepts to detailed case study research: Engaging with the vulnerability to viability transition* [Synthesis and Integration Working Group]
- *Synthesis of I-ADApT templates and context-specific analysis of pathways from vulnerability to viability* [I-ADApT Working Group]
- *The challenges and opportunities in creating information systems for V2V transitions* [Information System Working Group]
- *Centering small-scale fishers in knowledge mobilization* [Knowledge Mobilization Working Group]
- *TD Capacity for V2V Transition and transdisciplinarity as a moral issue* [Transdisciplinary Capacity Development Working Group]



V2V I-ADApT Working Group in Action: Synthesis of I-ADApT templates and context-specific analysis of pathways from vulnerability to viability

Contributors: [Alida Bundy](#), [Moenieba M. Isaacs](#), [Sarmistha Pattanaik](#), [Yinji Li](#)

The I-ADApT Working Group led the second session of the V2V Virtual February Project Meeting, where the focus was on the synthesis of the information provided in the I-ADApT templates for each case study and the identification of potential pathways to viability. The synthesis revealed the richness of the case studies, some commonalities in the issues being faced, such as climate change, over-exploitation, protected areas and fishing bans, commonalities in the vulnerabilities (e.g., poverty, poor governance, high dependency on fish), and the responses (e.g., capacity building, migration). The synthesis reflected some of the emerging themes from the Situational Analysis. Finally, potential pathways to viability were identified in most case studies.

V2V Information System Working Group in Action: The challenges and opportunities in creating information systems for V2V transitions

Contributors: [Elham Mohammadi](#), [Simron Singh](#), [Priyadarshi Patnaik](#)

At one of the sessions held in the V2V Virtual February Project Meeting, the Information System Working Group (IS-WG) discussed the challenges that small-scale fisheries (SSF) face in achieving sustainability due to biased management approaches and inadequate data and information. During the meeting, the potential of an information system (IS) to enhance the sustainable livelihood of SSF communities was highlighted. The IS-WG aims to develop an IS framework that enables data gathering, learning, knowledge creation, and decision-making for SSF. Attendees were informed that the IS-WG efforts involve two steps: theoretical analysis and design and implementation. The theoretical analysis includes stakeholder perspectives, considering the process design factors to develop an IS that targets different components of vulnerability. The design and implementation step involves the development of a prototype, testing, and adjustments based on stakeholder responses. During the session, a survey was distributed to the attendees to collect their ideas. Attendees collaborated in separate breakout rooms to discuss the survey questions and generate opinions. Moreover, it was indicated that the next phase would entail closer cooperation between the IS-WG and V2V members in pilot countries and volunteers to collect information and formulate the initial framework of the IS.

V2V Transdisciplinary Capacity Development Working Group in Action: TD Capacity for V2V Transition and transdisciplinarity as a moral issue

Contributors: [Ratana Chuenpagdee](#), [Svein Jentoft](#)

The Transdisciplinary Capacity Development Working Group focuses on enhancing capacity for V2V transition. Capacity can be related to research, governance and community, and the emphasis for each country depends on the context. Regardless of the type of capacity, the WG embraces TD (transdisciplinary) principles to guide capacity building. From the TD perspective, capacity for V2V transition will not be limited to technical capacity, but will involve deeper thinking about what makes small-scale fisheries vulnerable and what values, images and principles should be promoted in order for small-scale fisheries to be viable. It also recognizes that either vulnerability or viability, and also the transition, can be differently perceived, depending on where one stands with respect to it. Thus, nuanced approaches and careful considerations will be required when developing capacity for V2V transition. We are encouraging the V2V team members to think about capacity in their own context, differentiating between the 'must have' and 'good to have', as well as considering the ease and feasibility of the implementation. We invite one person from each country team to join the TD Capacity WG to help develop the work plan.

Country Coordinator in Action: Conducting Workshops on the Elaboration of the "Fisheries Program"

Contributor: [Aliou Sall](#) | V2V Country Coordinator, CREDETIP, Senegal

V2V country coordinator in Senegal, [Aliou Sall](#), was appointed president of the fisheries commission of the Municipality of Hann Bel Air. He led two sessions for the elaboration of the "fisheries program" for the commune. In his capacity as president of the fishing commission, whose population depends largely on SSF, he organized an initial self-diagnosis session for fishers held on 17 October, followed by a second on 2 November 2022. It should be noted that he was asked by the mayor and his team to join the municipal team, given his exposure in fisheries and the fact that he is a native of this community. At the end of these two workshops, a program was drawn up, based on the perceptions of the 45 people who took part in the exercise and representing all the sub-categories that can be found in SSF: male fishers involved in harvesting, female processors and micro fishmongers, and male fishmongers. The SSF port of

Hann has 451 fishing units and is ranked as the third largest fishing site in the country. The most commonly used techniques in Hann are: hook and line, gillnet, set net, long line, octopus line, cuttlefish line, purse seines. These techniques are used according to the following distribution: line (24%), Gill net (19%), gillnets (9%) and long line (5%). The fishing season runs from December to June. The annual landed catches were 1,160,050 tonnes in 2019 and 785,190 tonnes in 2020, with a population of 1,200 active fishermen, to which should be added the women involved in the fresh and processed fish processing segments, as well as various related and annexed trades, whose numbers are either underestimated or simply ignored. For example, women are crucial in the SSF but their numbers and impact are still not fully appreciated). Indeed, artisanal processing employs a large majority of women (76.5%) and absorbs 30.0% of artisanal fisheries landings. This activity often helps to regulate the market during periods of overproduction and also plays an important role in limiting losses after the catch.



Aliou Sall engaged with the small-scale fishers of Hann at the "fisheries program" workshop he organized.

Graduate Students in Action: Poster Presentations at the World Wetlands Day 2023 (11th Annual World Wetlands Day Research Symposium at the University of Waterloo organized by the Ecohydrology Research Group)

Contributor: [Ruyel Miah](#) | Graduate student, University of Waterloo, Canada

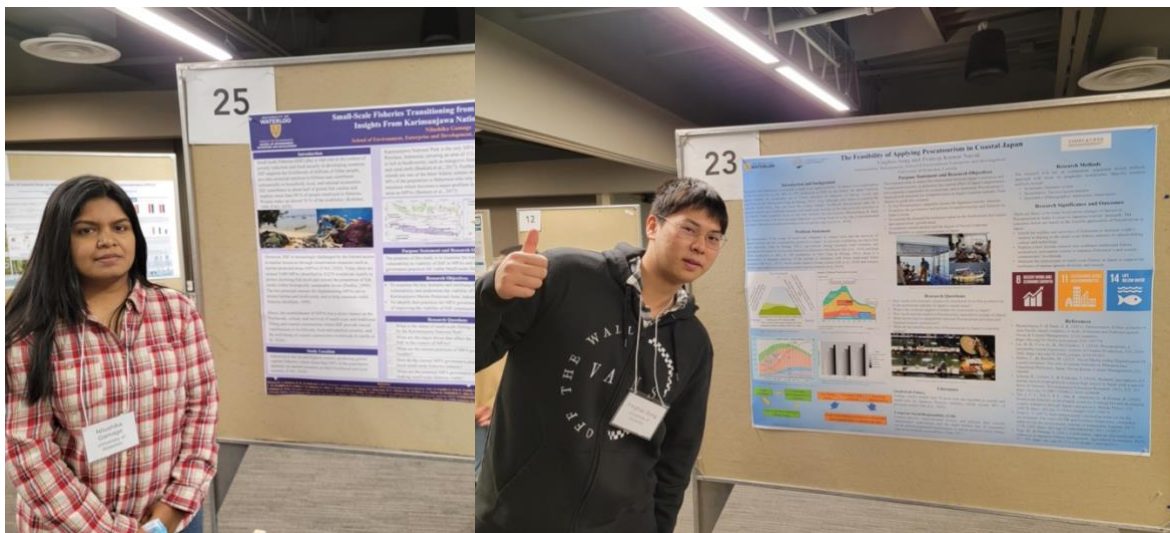
The 11th Annual World Wetlands Day Research Symposium was held at the University of Waterloo on the 1st of February 2023 to celebrate World Wetlands Day 2023. The day was celebrated with poster presentations, a public lecture, and panel questions and answers. There were 32 poster presentations from different departments of the University of Waterloo. Among those, V2V students presented seven posters focusing on their thesis research pertaining to the broader question of transitioning from vulnerability to viability in small-scale fisheries' social-ecological systems. As one of the presenters, it was a great opportunity to present my ongoing research and get feedback from the university community. My poster was on a governability framework for small-scale fisheries' vulnerability to viability transition. The feedback from the participants motivated me to develop my research further and make a novel contribution to the vulnerability to viability transition in the context of small-scale fisheries. I would like to thank Dr. Prateep Kumar Nayak for inspiring me to participate.

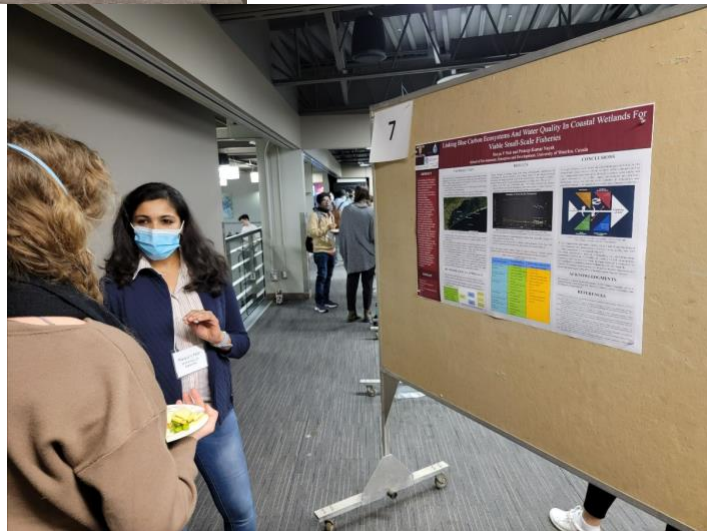
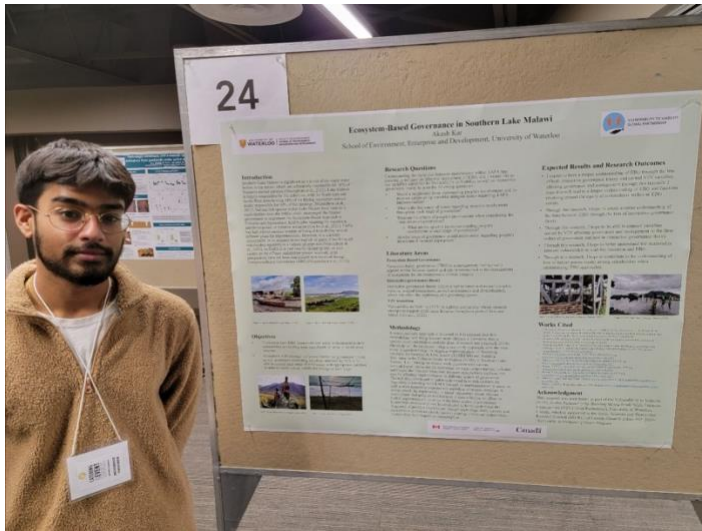


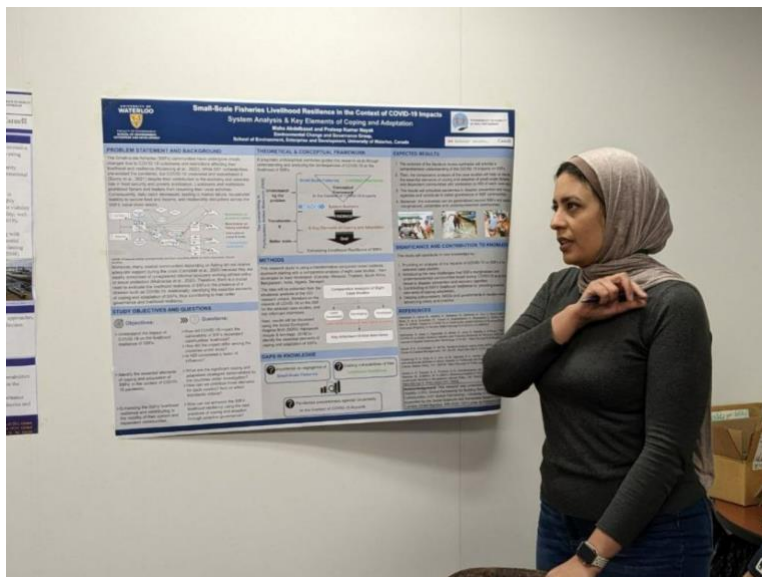
V2V graduate students with Prateep Kumar Nayak posing in front of a V2V contributed poster at the World Wetlands Day 2023 event in the University of Waterloo, Canada

The following posters were contributed by V2V graduate students:

- [Maha Abdelbaset](#): *Small-Scale Fisheries Livelihood Resilience in the Context of COVID-19 Impacts*
- [Navya Vikraman Nair](#): *Linking Blue Carbon Ecosystems And Water Quality In Coastal Wetlands For Viable Small-Scale Fisheries*
- [Yinghao Song](#): *The Feasibility of Applying Pescatourism in Coastal Japan*
- [Md. Ruyel Miah](#): *Governability Guide to Small-Scale Fisheries' Vulnerability to Viability Transition*
- [Happiness Nneoma Chukwuemeka](#): *Value Chain and Vulnerabilities in Small-Scale Fishing Communities a Case Study of Makoko, Lagos, Nigeria*
- [Nilushika Madhubhashini Gamage](#): *Small-Scale Fisheries Transitioning from Vulnerability to Viability: Insights From Karimunjawa National Park, Indonesia*
- [Akash Kar](#): *Ecosystem-Based Governance in Southern Lake Malawi*







Country Coordinator in Action: Visiting the Snowchange Cooperative

Contributor: [Yinji Li](#) | V2V Country Coordinator, Tokai University, Japan

This past January, Dr. [Yinji Li](#) (V2V country coordinator in Japan) visited the [Snowchange Cooperative](#) led by Dr. [Tero Mustonen](#), whom she met at the 3rd World Small-Scale Fisheries Congress in 2018 in Thailand. Dr. Tero Mustonen is also a fisher and the head of the Selkie community, in North Karelia, Finland. Snowchange was started in late 2000 to document climate and environmental change in the Northern regions of Finland, by working with local and Indigenous communities of these regions. During her visit, Dr. Li interacted with the cooperative members and community people. As with many other small-scale fisheries and fishing communities in many other places around the world, coping with the climate change impact, securing young fishers in small-scale fisheries, bringing up the community's vitality, "fighting" against the large-scale industrial fisheries, etc. are the major challenges in the region. Dr. Li also presented her cooking using the local fish, Houki (pike), which was caught from the local traditional fishing, winter nets. Dr. Li's fish cooking can be found on the cooperative website in [here](#).



Dr. Li introducing Japanese small-scale fisheries to the Snowchange Cooperative members at the cooperative office.



Snowchange Cooperative members are having Dr. Li experience their traditional fishing- winter nets.



Dr. Li and a local fisher, Mr. Einari, are enjoying the moment of their big catch (Houki) from the winter nets.

V2V Members in Action: Participating in The 4th World Small-Scale Fisheries Congress (4WSFC) Africa

A number of V2V members attended the [4th World Small-Scale Fisheries Congress \(4WSFC\) Africa](#) which was held on November 20-23, 2022, in Cape Town, South Africa. The theme for this congress was “Leading by Examples: Leaderships for Sustainable Small-Scale Fisheries”, which recognized the many examples, lessons, and experiences that individuals, communities, governments, inter-governmental organizations, and other supporting institutions have in the efforts to build and enhance capacity for sustainable small-scale fisheries. You can watch [here](#) the World Fisheries Day celebration that took place on the first day of this conference.

Dr. [Alida Bundy](#) (V2V Collaborator and I-ADaPT Working Group Co-lead) and Dr. [Prateep Kumar Nayak](#) (V2V Project Director) co-chaired a V2V session titled “The Vulnerability To Viability Approach: Conceptual, methodological and practical considerations for building strong small-scale fisheries”. V2V members, graduate students, and early-career researchers ([Shehu Latunji Akintola](#), [Aliou Sall](#), [Friday Jack Njaya](#), [Khady Yama Sarr](#), [Mafaniso M. Hara](#), [Svein Jentoft](#), [Moenieba M. Isaacs](#), [Yinji Li](#), [Evans Kwasi Arizi](#), [Tracey Lee Dennis](#), [Vanessa Warren](#), [Sisir Kanta Pradhan](#), [Md. Ruyel Miah](#), and [Foluke Omotayo Areola](#)) presented their V2V case studies research and participated in this session. Several of the V2V members were also in attendance at the congress and contributed to numerous other panels, events, and discussions. The congress was co-organized by V2V partners, [TBTI](#) and the [University of the Western Cape](#).



Dr. [Shehu Latunji Akintola](#) (left standing) and Dr. [Prateep Kumar Nayak](#), Dr. [Aliou Sall](#), and Dr. [Moenieba M. Isaacs](#) (right to left sitting) at the 4th World Small-Scale Fisheries Congress Africa in Cape Town, South Africa. Photo Credit: TBTI, 2022.



Dr. [Alida Bundy](#) and Dr. [Prateep Kumar Nayak](#) co-chairing the V2V session titled “The Vulnerability To Viability Approach: Conceptual, methodological and practical considerations for building strong small-scale fisheries”. Photo Credit: Yinji Li, 2022.



V2V members, Dr. [Moenieba M. Isaacs](#) (top-left), Dr. [Evans Kwasi Arizi](#) (top-right), Dr. [Mafaniso M. Hara](#) (bottom-left), and [Sisir Kanta Pradhan](#) and [Tracey Lee Dennis](#) (bottom-right), presenting at the congress. Photo Credit: Prateep Kumar Nayak, 2022.



Dr. [Milena Arias Schreiber](#), Dr. [Yinji Li](#), and Dr. [Prateep Kumar Nayak](#) (left to right) at the 4WSFC Africa in Cape Town, South Africa. Photo Credit: Prateep Kumar Nayak, 2022.

V2V Bangladesh country coordinator in Action: Participating in the ocean-focused pavilion at the COP27

Dr. [Samiya Ahmed Selim](#), V2V Bangladesh Country Coordinator, was the delegate to the COP27 that took place in Sharm El-Sheikh, Egypt in November 2022. For the first time ever, an ocean-focused pavilion was organized inside the formal negotiations area (Blue Zone) of the UN Climate Summit (COP27). Through the joint efforts of global leaders in ocean science and philanthropy, the Ocean Pavilion hosted events and discussions aimed at ensuring the ocean is central to climate negotiations and promoting ocean-based climate solutions. Dr. Selim spoke at this event and highlighted that we urgently need global ocean science data for use by the fishers, managers, and the larger ocean community. She also emphasized that our education system

needs to include more interdisciplinary approaches and the need for funding to build rapport with coastal communities. You can read Dr. Selim's interview titled “Bring in the community-level leaders' voice to the policy-making space throughout the year” [here](#).



V2V Project Director in action: Participating in the United Nations Biodiversity Conference - COP15

The V2V project director, Dr. [Prateep Kumar Nayak](#), participated in the [United Nations Biodiversity Conference - COP15](#) that took place in December 2022 at the Montreal Convention Centre (Palais des Congrès de Montréal). Prateep was an invited scientist as part of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES) delegation to the COP15. He has been associated with IPBES as a Lead Author of the [Assessment Report on the Sustainable Use of Wild Species](#) and joined a team of IPBES scientists to present the Summary for Policy Makers (SPM) on the Science Biodiversity Day at COP15. The suite of [Global Assessments](#) by IPBES and the dedicated work contributed by its scientists offered crucial leads to the framing and adoption of the [Global Biodiversity Framework 2030](#) which contains Four Goals, and 23 Targets for 2030 as part of the landmark UN Biodiversity Agreement and has significant implications for the V2V work on creating strong, resilient, and

viable small-scale fisheries, especially relating to fisheries and biodiversity. You can access the full report on the COP15 Science Biodiversity Day [here](#).



Dr. [Prateep Kumar Nayak](#), a lead author of Assessment Report on the Sustainable Use of Wild Species presenting at the United Nations Biodiversity Conference - COP15 in Montreal. Photo credit: International Institute for Sustainable Development ([IISD](#)), 2022.



The United Nations Biodiversity Conference - COP15 in Montreal. Photo credit: Prateep Kumar Nayak, 2022.

V2V Graduate Student in Action: Participating in the Winter School and Workshop on Advanced Qualitative Tools and Techniques in Humanities and Social Sciences

Contributor: [Janmejaya Mishra](#) | V2V PhD student, IIT Bombay, India

[Janmejaya Mishra](#), the V2V PhD student, working under the joint supervision of Dr. [Sarmistha Pattanaik](#) and Dr. [Prateep Kumar Nayak](#) at the Ashank Desai Centre for Policy Studies, IIT Bombay, India has participated in the Winter School and Workshop on Advanced Qualitative Tools and Techniques in Humanities and Social Sciences organized by the Department of Humanities and Social Sciences (HSS), Indian Institute of Technology Jammu (IIT Jammu) in

collaboration with Indian Council for Social Science Research (ICSSR), New Delhi and Continuing Education Program (CeP), IIT Jammu from 12th to 17th December 2022.

The week-long winter school held at IIT Jammu provided the participants with a nuanced understanding of the basic and advanced qualitative research methods, a comprehensive understanding of the concepts and processes of literature review, a hands-on training session on thematic analysis using NVIVO software, knowledge on Scenarios method in qualitative research and Scientometric analysis, and the importance of Ethics in social science research. Besides the technical sessions, there were open panel discussions on the publication process and planning and managing fieldwork during PhD research. There were also group exercises and presentations that provided deeper insights and offered practical tips to the participants on various aspects of the academic and research journey.

The knowledge and skills gained from the Winter School will immensely help Janmejaya in his PhD research on the political ecology of small-scale fisheries policies and governance in Chilika lagoon in Odisha, India.



[Janmejaya Mishra](#), V2V PhD student, posing with his participation certificate at the Winter School and Workshop on Advanced Qualitative Tools and Techniques in Humanities and Social Sciences.



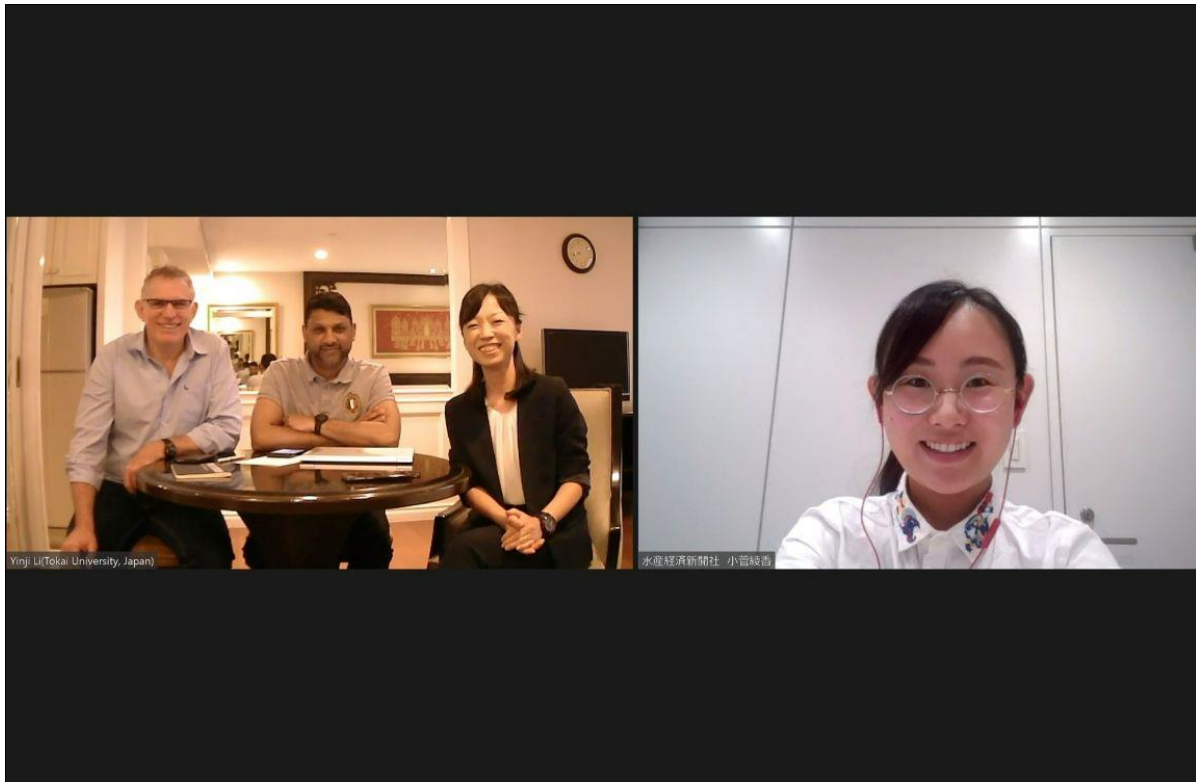
Students and early-career researchers posing at the Winter School and Workshop.

V2V Japan Country Coordinator in Action: Yinji Li participating in IPNLF Trustee Meeting in Thailand

Contributor: [Yinji Li](#) | V2V Japan Country Coordinator and Co-investigator, Tokai University, Japan

V2V Japan Country Coordinator, Dr. [Yinji Li](#), met with other trustee members of the [International Pole and Line Foundation](#) (IPNLF) in Thailand on October 2022 to talk about supporting small-scale pole and line fisheries. The IPNLF was founded in 2012 as a UK-based

charity to develop, support, and promote one-by-one tuna fisheries. The news about this trustee meeting was published in a Japanese newspaper, The Fisheries Daily News.





V2V Country Coordinator and Working Group Co-lead in Action: Interviewing with 'The Fisheries Daily'

Contributor: [Yinji Li](#) | V2V Japan Country Coordinator and Co-investigator, Tokai University, Japan

Dr. [Yinji Li](#), V2V Japan Country Coordinator and TBTI Japan Coordinator, and Dr. [Ratana Chuenpagdee](#), Co-lead of the V2V TD Capacity Building Working Group and TBTI Global Project Director, gave an interview to the Japanese newspaper, 'The Fisheries Daily' during the 4th World Small-Scale Fisheries Congress Africa held in Cape Town, South Africa. Founded in 1948, the Fisheries Daily is a specialized Japanese newspaper that covers a wide range of aspects of the fishing industry, from production to distribution.

スイケイ <https://www.suikel.co.jp>

2022年(令和4年) 12/1 (木) Thursday

水産経済新聞

THE SUISAN-KEIZAI

The Fisheries Daily

(第3種郵便物認可)

法的改善につなげる動き

TBTグローバル 女性の権限が議題に

小規模漁業のあり方を考える。今年度の会議は、漁業や水産物の加工・流通に関する国際組織のTBTグローバル(TBT Global)が主催。TBTグローバルは、2021年12月23日(金)に南アフリカ共和国・ケープタウンで開かれた。TBTグローバルは、水産物に関する国際的な標準化の役割を果たしている。今年度の会議は、漁業や水産物の加工・流通に関する国際組織のTBTグローバル(TBT Global)が主催。TBTグローバルは、2021年12月23日(金)に南アフリカ共和国・ケープタウンで開かれた。TBTグローバルは、水産物に関する国際的な標準化の役割を果たしている。

約200人が会議に参加した。

会場は小規模漁業関係者の参加が盛んで、水産物の加工・流通に関する国際組織のTBTグローバル(TBT Global)が主催。TBTグローバルは、2021年12月23日(金)に南アフリカ共和国・ケープタウンで開かれた。TBTグローバルは、水産物に関する国際的な標準化の役割を果たしている。

多様な分野から参加する

役員に単独取材

取材に応じたチェンバグデー教授と李准教授

チェンバグデー教授は、水産物の加工・流通に関する国際組織のTBTグローバル(TBT Global)が主催。TBTグローバルは、2021年12月23日(金)に南アフリカ共和国・ケープタウンで開かれた。TBTグローバルは、水産物に関する国際的な標準化の役割を果たしている。

李准教授は、水産物の加工・流通に関する国際組織のTBTグローバル(TBT Global)が主催。TBTグローバルは、2021年12月23日(金)に南アフリカ共和国・ケープタウンで開かれた。TBTグローバルは、水産物に関する国際的な標準化の役割を果たしている。

V2V Japan Country Coordinator, Dr. [Yinji Li](#), had an interview with the Japanese newspaper 'The Fisheries Daily' on the gender issues of the Japanese fisheries and the 'Girls Who Fish Japan' initiatives. The interview was published in the newspaper with the title of "What are the challenges to entering the fisheries? Girls Who Fish Japan".



漁業への参入課題は

漁する女子ジャパン

准教授
務める東海大学の李
コーディネーターを

課題も存在し、参入できる
漁業は限られる。女性でも
使いやすい漁具の開発や機
と強調した。

漁業や水産業に関心の高
い女性で構成される「漁す
る女子ジャパン」は、20
21年10月から静岡県内で
活動を展開している。水産
業への理解を深め、女性漁
業者の輩出を目指す。い
まだ実現に至っていない。
コーディネーターを務める
東海大学の李銀姫准教授
は、これまでの活動から漁
協や漁業現場に「女性漁師
を受け入れる」という発想が
ない」と分析する。
背景には、古くか
一方で現実には体力的な
授は「そこに女性の細やか
さや発想を取り入れること
で地域活性化が促される」

V2V Japan Country Coordinator in Action: Conducting a series of fieldwork in fall 2022

V2V Japan Country Coordinator, [Yinji Li](#), conducted a series of fieldwork from September to December 2022 to keep track of the current conditions of small-scale fisheries in Japan. Some of the fieldworks were accompanied by V2V Japan team members including Dr. Tamano Namikawa, Dr. Sachiko Harada, Dr. Alyne Delaney, Dr. Izumi Seki, and some undergraduate students. The V2V Japan team found out that most communities are facing natural stressors such as resource problems and nutritional deficiency of the water, causing difficulties for fishing households. It was declared that these issues cannot be solved immediately by human efforts,

and therefore, the communities need to engage in Umigyo activities to enhance their community viability.





Hatsushima Island, Shizuoka Prefecture



Lake Hamana, Shizuoka Prefecture



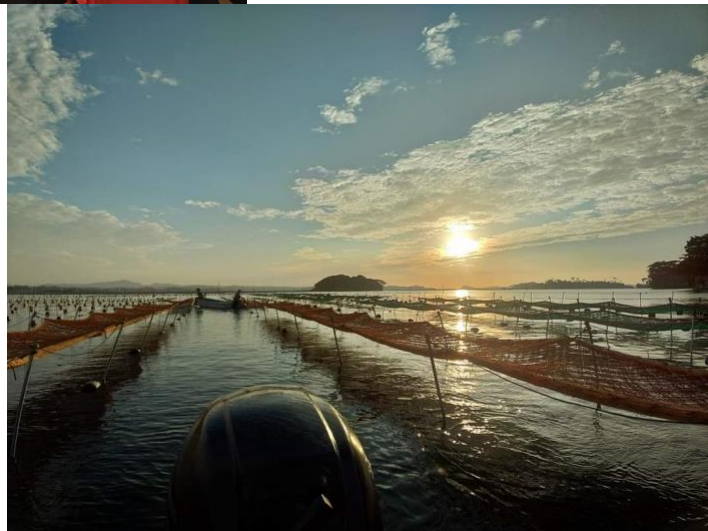


Inatori, Shizuoka Prefecture



Iki Island, Nagasaki Prefecture





Higashimatsushima, Miyagi Prefecture

V2v Global Partnership in Action: Participating in The “5th Center for Sustainable Development (CSD) Annual Conference on Sustainable Development 2022”

Contributor: [Sabiha Ahmed Diba](#) | V2V Early Career Researcher and Research Associate, University of Liberal Arts Bangladesh (ULAB), Bangladesh

The V2V Global Partnership co-sponsored and attended the [5th CSD Annual Conference](#) on Sustainable Development 2022 organized by the CSD, University of Liberal Arts Bangladesh (ULAB) in Dhaka, Bangladesh on October 13-15, 2022. V2V co-organized two sessions in which the first session was on the Viability of Small Scale Fisheries - sharing successful stories. Dr. [Jenia Mukharjee](#) (V2V Country Coordinator in India), talked about the "riskscapes" of the Sundarbans area, focusing on the social systems of the Kumirmari village in India. Dr. Rumana Sultana (Assistant Professor at the Department of Environmental Science and Management, Independent University, Bangladesh (IUB)) discussed the socio-ecological vulnerabilities from climate change of small-scale fisheries and risk governance in Bangladesh. [Raktima Ghosh](#) (V2V PhD student in India) talked about the need to co-producing knowledge in the Indian Sundarbans through an analysis of the current scenarios as well as designing initiatives in the dried fish sector. In the final presentation, [Sabiha Ahmed Diba](#) (V2V Early-career Researcher in Bangladesh) discussed the viability options for small-scale fisheries in Bangladesh by highlighting their best adaptation practices.



This session was followed by a roundtable discussion among the academics, practitioners, and government officials to address the transboundary opportunities and challenges in the Sundarbans Delta. Dr. [Prateep Kumar Nayak](#) (V2V Project Director) facilitated the discussion by focusing on the actions and key directions that can be taken in terms of transboundary issues in the Sundarbans Delta.



Dr. [Samiya Ahmed Selim](#) (V2V Country Coordinator in Bangladesh) and Dr. [Jenia Mukherjee](#) (V2V Country Coordinator in India) addressed the viability of agriculture, diversified livelihoods, and adaptation of small-scale fisheries, using different scales to understand different issues in addition to bi-lateral cooperation to manage the Sundarbans Delta.



V2V Members in Action: Ethical & Inclusive Small-scale Fisheries Communications

Dr. [Prateep Kumar Nayak](#) (V2V Project Director) and Dr. [Jessica Blythe](#) (V2V Co-investigator and Knowledge Mobilization Working Group Co-Lead) were invited to a webinar organized by the [WorldFish](#) on 'Ethical and Inclusive Small-scale Fisheries Communications' as panelists. They shared the webinar platform with other invited panelists from several SSF organizations such as Dr. Tero Mustonen (Snowchange Cooperative, Finland), Vivienne Solis Rivera (CoopeSoliDar R.L., Costa Rica), Venu (International Collective in Support of Fishworkers (ICSF), India), Mohammad Arju (ICCA Consortium, Bangladesh), and Dr. Anouk Ride (WorldFish, Solomon Islands).

The webinar highlighted the recently published handbook '[A good practice guide for ethical and inclusive communications involving small-scale fisheries](#)' and the speakers reflected on six different themes including: (1) Why are ethical and inclusive SSF communications important? What's at risk if we fail at this? (2) What are some problematic SSF messages that need to be corrected? (3) How can collaboration enhance SSF communications? (4) How can we enhance

SSF representation in communications? (5) How can we improve language around SSF? (6) How can we ensure SSF communications reflect the diversity and are inclusive? Both Prateep and Jessica were able to link the vulnerability to viability (V2V) transitions work the V2V Global Partnership does within its partnership. They also provided some future directions on the role of ethical and inclusive communications in creating viable SSF communities.

WEBINAR

Ethical and inclusive small-scale fisheries communications

#smallscalefisheries

TIME #1: WED 19 OCT
11 AM New York, 5 pm Rome

TIME #2: THURS 20 OCT
10 am Dhaka / 3 pm Sydney



[Download the Good Practice Guide](#)

Webinar 1: Ethical and inclusive small-scale fisheries communications (19 October 2022)



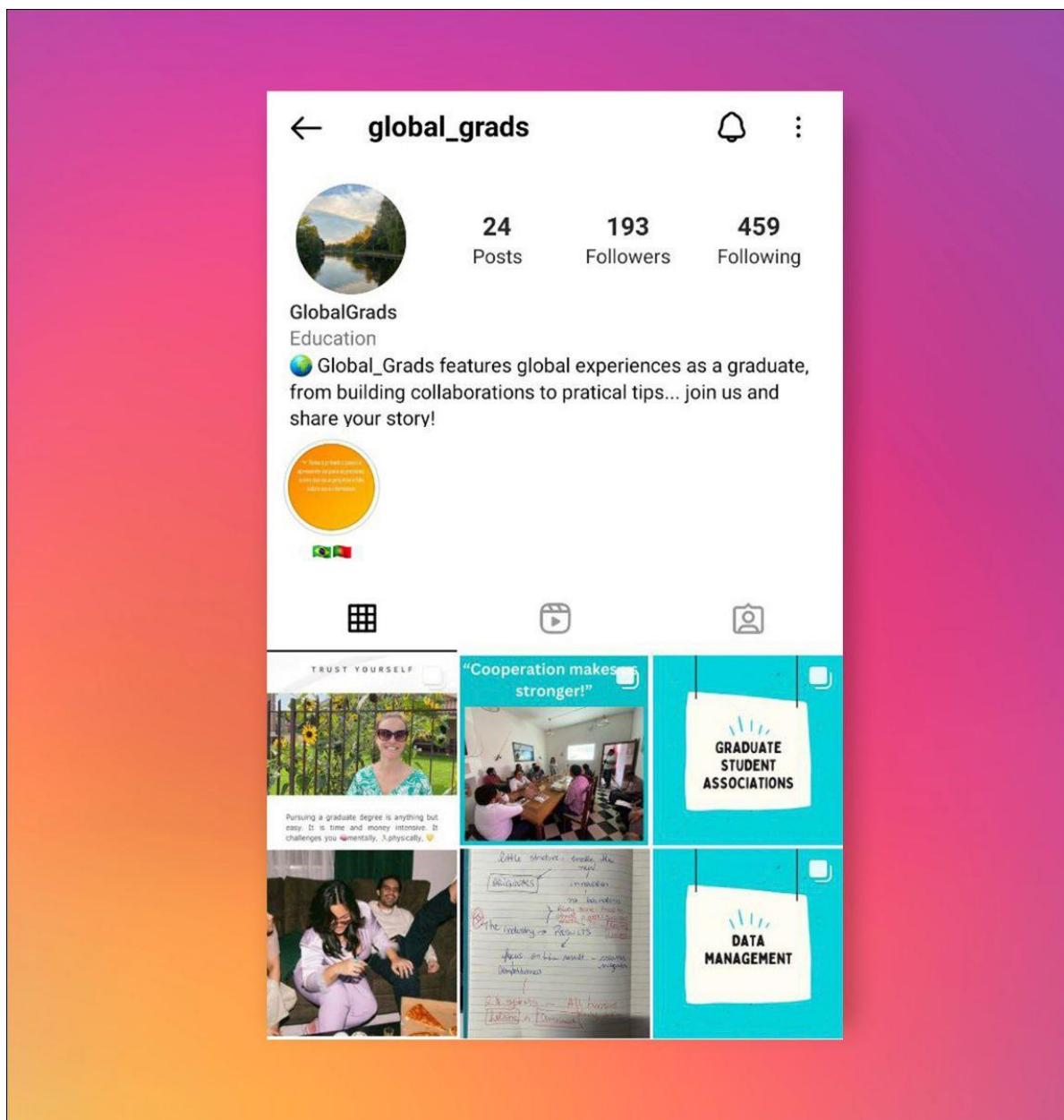
Webinar 2: Ethical and inclusive small-scale fisheries communications (20 October 2022)



V2V Member in Action: Ana Carolina Esteves Dias

GlobalGrads is an initiative developed by two fellows of the International Platform for Biodiversity and Ecosystem Services (IPBES), [Ana Carolina Esteves Dias](#) and [Murali Krishna](#) (Assistant Professor at Amity University Noida, India) for sharing tips and reflections of graduate students around the globe. The initiative was conceptualized during a discussion on knowledge justice as a solution to share knowledge and experiences between graduate students from the global north and the global South, with the potential to bridge the gaps in knowledge access and resources across the globe. GlobalGrads is currently active as an Instagram account that compiles a collection of reflections and tips from graduates to graduates. V2V fellows are welcome to visit the page and send their own reflections to be posted and shared with other grads around the world by sending a message on the Instagram page of this initiative (click on the button below).

[View The GlobalGrads Instagram Page](#)



V2V Partner Organization in Action: Sylhet Agricultural University, Bangladesh

Contributor: [Mohammad Mosarof Hossain](#) (V2V PhD student) and Reashan Ujjaman, (V2V Masters student), Sylhet Agricultural University, Bangladesh

The V2V team of Sylhet Agricultural University (SAU) participated in the [2nd International Conference on Sustainable Fisheries](#) (ICSF) on September 16-18, 2022 in Sylhet, Bangladesh.

The conference's main theme was "Fisheries for Achieving Sustainable Development Goals (SDGs)". There were approximately 400 participants from Bangladesh and abroad, including India, Nepal, the Philippines, Malaysia, USA, UK, and Denmark. The conference was composed of ten program themes covering social-ecological systems of fisheries, explicitly, "Aquaculture and Nutrition", "Aquatic Resource Management and Conservation", "Climate Change and Fisheries", "Fish Health, Pharmacology and Pollution", "Fish Biology, Genetics and Biotechnology", "Oceanography and Blue Economy", "Fishing, Processing, and Value addition", "Socio-economics, Livelihoods and Gender", and "Fisheries Strategies, Planning, and Policy". The technical session was composed of 11 parallel sessions on the themes above, where a total of 176 papers were presented at the conference.

Dr. [Mohammad Mahmudul Islam](#) (V2V Country Coordinator in Bangladesh), [Mohammad Mosarof Hossain](#) (V2V PhD student in Bangladesh), and Reashan Ujjaman (V2V masters student in Bangladesh) actively participated in the conference. Reashan Ujjaman presented his research findings titled “social and technological changes in a coastal fishing village in Bangladesh”, which focuses on assessing the status of fisheries livelihood, and social and technological diversity in a traditional coastal fishing village on the south-eastern coast of Bangladesh. Mohammad Mosarof Hossain presented “what makes small-scale fisheries vulnerable? Towards viable responses in the context of Bangladesh”. His research findings highlight the identification and compilation of vulnerability factors that make the Bangladesh SSF vulnerable and pose negative repercussions to food and nutrient security, livelihoods, economy, employment, values and culture, identity, and social and environmental sustainability. These repercussions ultimately jeopardize and hinder the viability of SSF communities in Bangladesh. The presentations were followed by an interactive discussion among the participants. The conference ended with a field trip to a perennial floodplain, the Tanguar Haor Ramsar site, Sunamganj, Bangladesh on 18 September 2022.



Mohammad Mosarof Hossain (left) and Reashan Ujjaman (right) posing at the 2nd International Conference on Sustainable Fisheries (ICSF) in Sylhet, Bangladesh. Photo Credit: Nayeem Ahmed, 2022.

V2V Partner Organization in Action: Center for Participatory Research and Development (CPRD)

Contributor: [Md Shamsuddoha](#) | **Partner, Center for Participatory Research and Development (CPRD), Bangladesh**

V2V partner organization, the Center for Participatory Research and Development ([CPRD](#)) has published a position paper titled '[Climate Diplomacy towards COP 27: Articulating CSOs Position Together](#)' as part of a collaboration between CPRD and its allied organizations. This paper outlines the Civil Society Organizations' (CSOs) position on the key issues for COP 27,

which has been developed through a participatory and inclusive process. The paper strongly urged to limit the global average temperature rise to 1.5 degrees Celsius compared to the pre-industrial level. To comply with the 1.5-degrees Celsius goal, the position paper demanded a mandatory phase-out of coal by 2030, and a phase-out of all fossil fuels by 2040.

[Download The Position Paper](#)

CLIMATE JUSTICE

ARTICULATING CSOs POSITION TOGETHER



The V2V Master's student from the Universiti Tun Abdul Razak (UNIRAZAK), Malaysia, [Betty Ngui Chiew Pieng](#) who is working under the supervision of V2V Country Coordinator in Malaysia, Dr. [Gazi Md Nurul Islam](#), visited Perhentian Islands Marine Park Malaysia (PMP) as her case study area. She collected data for her master's thesis, and other graduate students and NGO staff also accompanied her in her journey of conducting household surveys.

**PERHENTIAN ISLANDS MARINE
PARK MALAYSIA (PMP)**
 AN OVERVIEW OF THE SSF STATUS



INTRODUCTION

PMP, situated on the East Coast of Peninsular Malaysia, was established by the government to address overfishing. Fishing is prohibited within 2 nautical miles of PMP while tourism is heavily promoted








THE PRESENT

1. Fishing has ceased to be the primary livelihood for the islanders because of
 - social challenges caused by the fishing restriction e.g., inadequate vessels and high fuel cost.
 - unpredictable catch sizes and weather conditions.
 - tourism is a more lucrative income source.
2. Islanders have shifted to tourism as their main income source
 - Business - chalets, eateries, laundromat, water taxis, souvenir shops.
 - Employment - dive shops, resorts.
3. Most islanders fish only during the monsoons (November to February) when tourism ceases.

"THERE ARE NO MORE FISHERMEN HERE. EVERYBODY IS IN TOURISM NOW. WE DO GO BACK TO FISHING DURING THE MONSOON."
 -POKJA, VILLAGE HEAD-

FUTURE PROSPECT

1. Relaxing fishing restriction in selected zones would make it easier for islanders to fish as was done during the Covid-19 lockdown.
2. The islanders are unlikely to revert to fishing as their primary livelihood.







V2V Graduate Student in Action: Maria Bernadette Battaglia

[Maria Bernadette Battaglia](#), V2V PhD student at the University of Waterloo in Canada, shared her research at the 4th World Small-Scale Fisheries Congress ([4WSFC Europe](#)) in Malta. Dr. Giulia Bernardi ([Blue Marine Foundation](#)'s project coordinator), and Maria drew from their experiences in the field and presented three case studies in the islands of Sicily and Sardinia, Italy.

Dr. Bernardi and Maria discussed challenges and opportunities for small-scale fisheries viability

in the Mediterranean Sea through the lenses of equity and blue justice. In particular, Maria Battaglia discussed how collective action and cooperation amongst fishers and other key stakeholders is a key requirement to move towards SSFs' viability. Findings from this research will challenge theories of rational choice and self-interest that continue to dominate fisheries policies.





[Maria Bernadette Battaglia](#), a PhD student at the University of Waterloo, Canada at the 4th World Small-Scale Fisheries Congress (4WSFC) Europe in Malta.

V2V Members in Action: Participating The 4th World Small-Scale Fisheries Congress (4WSFC) Latin America & the Caribbean (LAC)

The 4th World Small-Scale Fisheries Congress ([4WSFC](#)) [Latin America & the Caribbean](#) was held on October 25-27, 2022 in Merida, Mexico. This congress was organized by V2V Global Partnership partner institution, Too Big To Ignore ([TBTI](#)) [Global](#). The theme for this congress was ‘Stronger Together: Building a Path Toward Sustainable Resources and Viable Communities’, which recognized that a strong future for small-scale fisheries depends on both sustainable resources and viable communities. V2V Global Partnership Co-Investigators,

Dr. [Ratana Chuenpagdee](#), and Dr. [Silvia Salas](#) were co-chairs of this regional congress. Several other V2V Global Partnership members, including Dr. [María José Barragán-Paladines](#) (Charles Darwin Foundation, Ecuador), Dr. [Fikret Berkes](#) (University of Manitoba, Canada), and Dr. [Prateep Kumar Nayak](#) (University of Waterloo, Canada) attended the congress and made several contributions to the organized panels and discussions.





In this congress, a number of new books were launched. Dr. [Silvia Salas](#) (V2V Collaborator from Unidad Mérida, Mexico) spoke briefly about her two new books titled "[Fishing Arts and Methods of the peninsula of Yucatan](#)" and "[Commercial species of artisanal fishing in the Yucatan Peninsula](#)" and Dr. [Fikret Berkes](#) (V2V Co-investigator from the University of Manitoba, Canada) highlighted some key points about the Spanish version of his published book titled "[Toward A New Social Contract: Community-based Resource Management and Small-scale Fisheries](#)".



Dr. Fikret Berkes (left) and Dr. Silvia Salas (right) at the 4th World Small-Scale Fisheries Congress (4WSFC) Latin America & the Caribbean in Merida. Mexico.

University of Waterloo V2V Student Hub in Action: Research talk and knowledge sharing with Dr. Evan Andrews

The V2V Graduate Students at the University of Waterloo, Canada, routinely organize a range of capacity-building and social events. On October 6th, 2022, V2V graduate students organized a meet and greet with Dr. [Evan Andrews](#), a former Ph.D. student at the University of Waterloo. Currently, Dr. Andrews is working as a Senior Research Fellow with Too Big To Ignore ([TBTI](#)), a Global Partnership for Small-scale Fisheries Research in Canada and globally.

Dr. Andrews shared his PhD and Post-doc journeys, as well as the breadth of his current research in small-scale fisheries. He further engaged in conversations about the role of small-scale fishing

communities in the local, national, and global governance landscape, and the concept of ‘anticipatory governance’, an emerging idea that is closely connected to the transition from vulnerability to viability as it includes elements of equity and justice. Before concluding our meeting, Dr. Andrews shared some hands-on tips on how to succeed in the graduate journey and he encouraged graduate students to have a long vision and establish a strong network for future work.

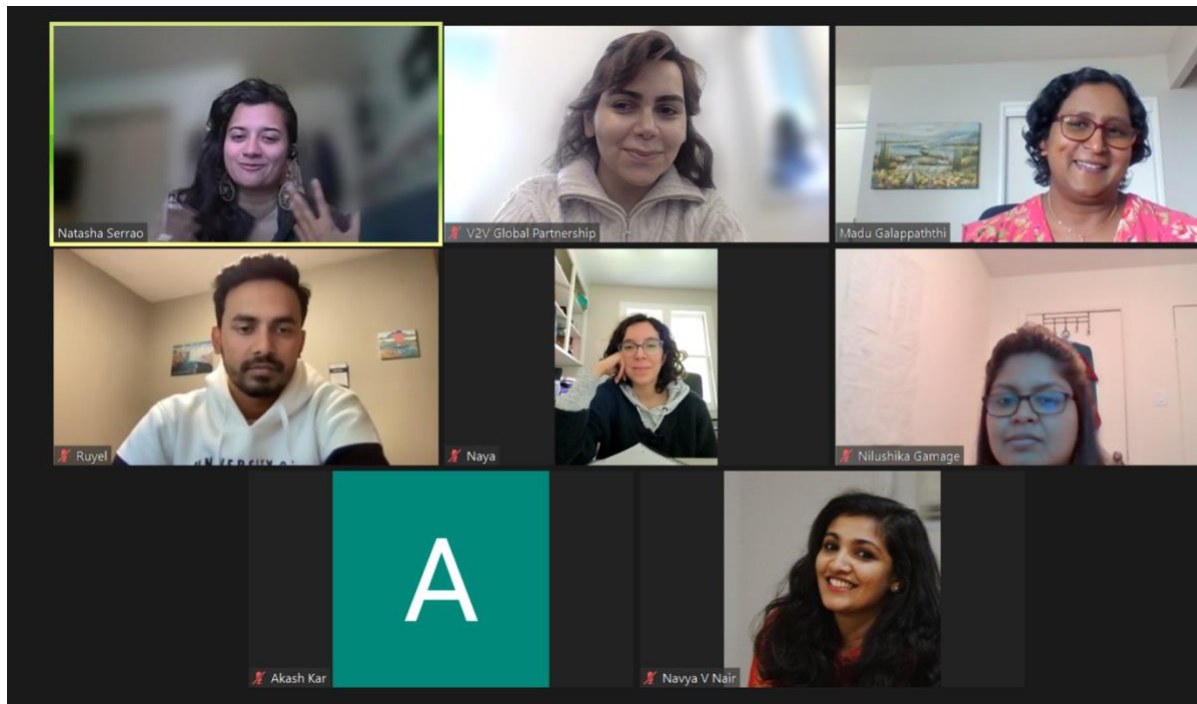


Dr. Evan Andrews (middle) with a few V2V graduate students at the University of Waterloo, Canada

University of Waterloo V2V Student Hub in Action: Research Proposal Writing Session with Dr. Madu Galappaththi and Natasha Serrao

The V2V Student Hub at the University of Waterloo, Canada organized a virtual research proposal writing session on October 14th, 2022. Dr. [Madu Galappaththi](#), who has recently completed her PhD degree from the University of Waterloo, and [Natasha Serrao](#), a V2V PhD student, were the panelists of the session. At the session, they shared their experiences and tips

to follow for successful proposal writing. The major points they highlighted were to be careful about identifying problems, talk to students who have done their proposal writing, pay attention to feedback from the supervisor, and keep an open mindset for any change to research direction. They also suggested that once the proposal is ready, it could be used for future applications (research grants, ethics, field overview, and research overview). Please click [here](#) to watch this session's recording.



11th

V2V Working Group in Action: Knowledge Mobilization (KMb) Working Group

Introduction to Knowledge Mobilization (KMb) workshop was the launch of the V2V KM Working Group. The workshop was chaired by the V2V Knowledge Mobilization Working Group (KMb), Dr. [Jessica Blythe](#) (Associate Professor, Environmental Sustainability Research Centre, Brock University, Canada), and led by Jayne Morrish (Knowledge Mobilization Officer at the Lifespan Development Research Institute, Brock University, Canada). The workshop presented the KMb strategies and key considerations for KMb (e.g., plain language, evaluation, grant writing, etc.). You can find the video recording of the workshop [here](#) and the slides that are full of wonderful KMb resources [here](#).



V2V Country in Action: Japan

V2V Japan members under the leadership of Dr. [Yinji Li](#) have been active for the past two months in the following activities and events:

- Tokai University News published the following articles: "Supporting women's participation in the fisheries", "Fascinating programs at the Inatori fishing port", and "Umigyo supports the fishery" on September 1, 2022. Click [here](#) for more details.
- Girls Who Fish Japan program was organized by Dr. [Yinji G.K. Li](#) and was held online at Inatori Tokai University on August 26, 2022. Click [here](#) for more details.
- Suisan Keizai Daily News (The Fisheries Daily) published "Girls Who Fish Japan: Deepening understanding of fisheries" on Aug 25, 2022. Click [here](#) for more details.
- Shizuoka Shimbun (Shizuoka newspaper) published "Women's role in the community development; learn the actual situation in the Kinme community" on Aug 21, 2022. Click [here](#) for more details.
- Suisan Keizai Daily News (The Fisheries Daily) published "Protecting the livelihoods of small-scale fisheries; Focusing on the potential of Umigyo (海業); TBTI Global" on Aug 4, 2022. Click [here](#) for more details.
- Dr. [Yinji G.K. Li](#) talked on Canada CBC Radio in a broadcast about her participation at the 4WSFC. Click [here](#) for more details.
- The Suisan Keizai Daily News (The Fisheries Daily) published "Life Above Water, For Small-Scale Fisheries to Survive" on Jul 25, 2022. Click [here](#) for more details.

Contributor: Dr. [Yinji Li](#) | V2V Country coordinator and Co-investigator, Tokai University, Japan



V2V Partner Institution in Action: Mundus maris, Belgium

[Mundus maris](#) published findings regarding the conditions of women fish traders in two places in Senegal, Yoff and Hann. The findings were out of the surveys and interviews conducted by Mouhamadou Bamba N'diaye, a Master's student in Geography and an intern from the

University of Nante. Mouhamadou did a great job in data collection and his hard work and demeanour were much appreciated by Mundus maris and the community he interviewed.

Women fish traders have long been central to marketing catches in small scale fisheries and thus not only make their own families thrive, but also contribute considerably to food security to households at national, even regional levels. Though long ignored by officialdom and development projects these women have been coping with remarkable creativity and tenacity the many changes their social and economic context has been undergoing since quite some time. Read the full post [here](#).

Contributor: [Cornelia E. Nauen](#) | V2V Partner Representative, Mundus maris asbl, Belgium



Mouhamadou Bamba N'diaye during one of the interviews on the beach in Yoff.

V2V Post-doctoral Fellow in Action: Ana Carolina Esteves Dias

V2V post-doctoral fellow, [Ana Carolina Esteves Dias](#), has developed a typology during her PhD program for how we perceive nature's contributions to our wellbeing. The wellbeing-ecosystem services bundles (WEBs) typology (the theme of the V2V Thematic for the month of December 2022 - Click [here](#) to view it) was developed as part of the WEBs project. The project was led by V2V Co-investigator, Dr. [Derek Armitage](#), and of which several V2V partners were part. This work reflects on how individuals perceive or experience the interplay among components of WEBs, or the “pathways of interaction” that connect their well-being to ecosystem services. This research was conducted in collaboration with fishing communities in Ubatuba, Brazil, and researchers from [ECGG](#) and [CGCommons](#). Read [here](#) about the project.



Graphic facilitation process of the participatory workshops to register the key social-ecological changes happening in the fishing community and their impacts on wellbeing.



This photo shows the community sharing their insights at the participatory workshop in the Puruba community, Ubatuba, Brazil. The workshop followed the word cafe method and a plenary session.

Contributor: [Ana Carolina Esteves Dias](#) | Postdoctoral Fellow, V2V Global Partnership, Canada

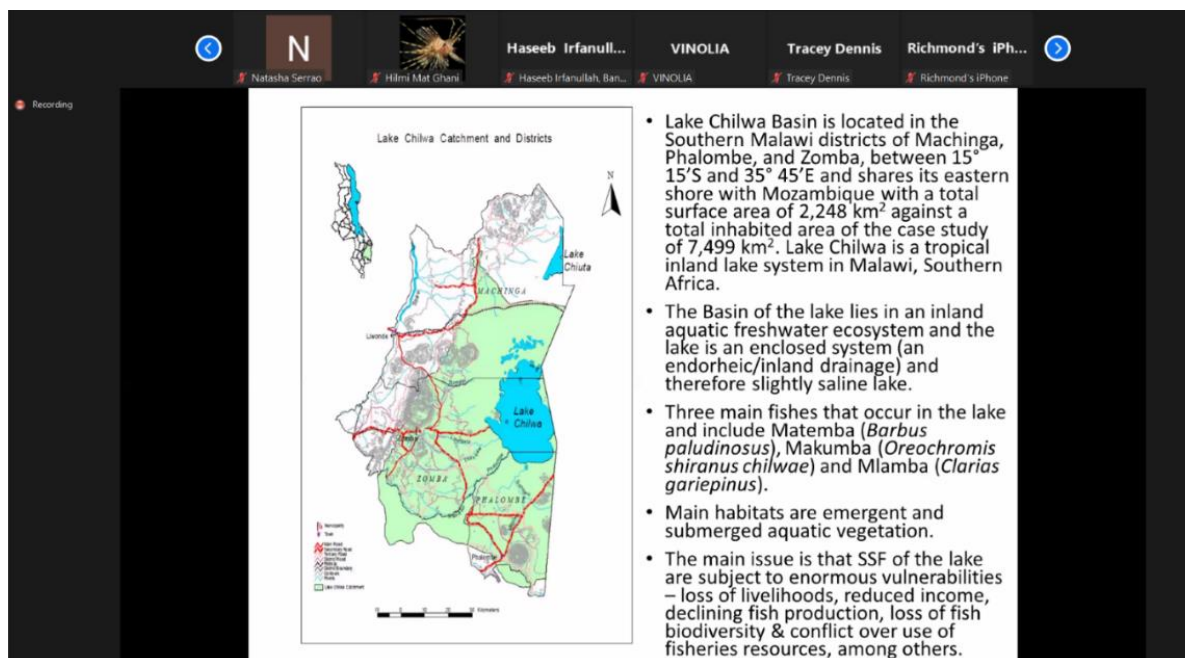
V2V Working Group in Action: I-ADApT Working Group

I-ADApT WG Peer Workshop – V2V Case study and I-ADApT desktop exercise: The experience of the Malawi and Malaysia teams

I-ADApT WG conducted a peer workshop on Jul 20, 2022, to hear from the V2V Malawi and Malaysia teams about their experience in conducting their V2V case study and using data available in the literature to complete the I-ADApT desktop template and also to hear their

inputs to co-produce a V2V I-ADApT template. Both teams presented their case studies, as well as the main issue addressed in the I-ADApT desktop exercise, stressors, and responses.

The case study of Malawi is the Lake Chilwa Basin, where linkages between loss of livelihoods, reduced income, decline fish production, loss of biodiversity, and conflict over resource use are the main issues faced by SSF. The Malawi team pointed out the relevance to validate the information added in the I-ADApT template through a transparent multistakeholder panel.



Recording

N

Haseeb Irfanullah... VINOLIA Tracey Dennis Richmond's iPhone...

Natasha Serrao Hilmi Mat Ghani Haseeb Irfanullah, Ban... VINOLIA Tracey Dennis Richmond's iPhone

Lake Chilwa Catchment and Districts



Lake Chilwa

- Lake Chilwa Basin is located in the Southern Malawi districts of Machinga, Phalombe, and Zomba, between 15° 15'S and 35° 45'E and shares its eastern shore with Mozambique with a total surface area of 2,248 km² against a total inhabited area of the case study of 7,499 km². Lake Chilwa is a tropical inland lake system in Malawi, Southern Africa.
- The Basin of the lake lies in an inland aquatic freshwater ecosystem and the lake is an enclosed system (an endorheic/inland drainage) and therefore slightly saline lake.
- Three main fishes that occur in the lake and include Matemba (*Barbus paludinosus*), Makumba (*Oreochromis shiranus chilwae*) and Mlamba (*Clarias gariepinus*).
- Main habitats are emergent and submerged aquatic vegetation.
- The main issue is that SSF of the lake are subject to enormous vulnerabilities – loss of livelihoods, reduced income, declining fish production, loss of fish biodiversity & conflict over use of fisheries resources, among others.

In Malaysia, stock decline due to overfishing (trawl fishing), commercial vessels violating rules, as well as SSF displaced from traditional grounds are major issues. A combination of management interventions to preserve fish-stocks and generate alternative sources of livelihoods, such as the implementation of marine protected areas and ecotourism activities has been generating vulnerabilities to SSF. Still insufficient knowledge to understand these vulnerabilities (e.g., lost access to fishing) emerging from the creation of MPAs and lack of understanding on how the SSF in MPAs adapt to viable responses. After conducting the I-ADApT desktop activity, the Malaysian team identified that there is insufficient literature to understand a V2V transition in this context. The main gaps are in the social domain of V2V, for instance to understand how to improve SSF wellbeing, from the perspective of social factors, what is the role of local institutions to improve wellbeing of SSF, and issues related to adaptation strategies. Thus, the main question of Malaysian case study is: Is MPA management contributing to improve SSF wellbeing, reducing vulnerability and building resilience to transition towards viability in SSF? The team also reflected that the literature shows the management and governance are

always looking to improve for the future, but the vulnerabilities that are emerging are more challenges now. It is important to examine what is the trends towards viability.


Case Study Sites: biophysical characteristics

- Perhentian islands are a tiny archipelago, 15.35 km², 2,300 population. Tioman island is the largest, 133 km², 3,700 population
- Coral reef ecosystem, 323 species of coral and 450 species of fish exist in the east coast in Malaysia, 127 species in Perhentian.

Perhentian

Tioman



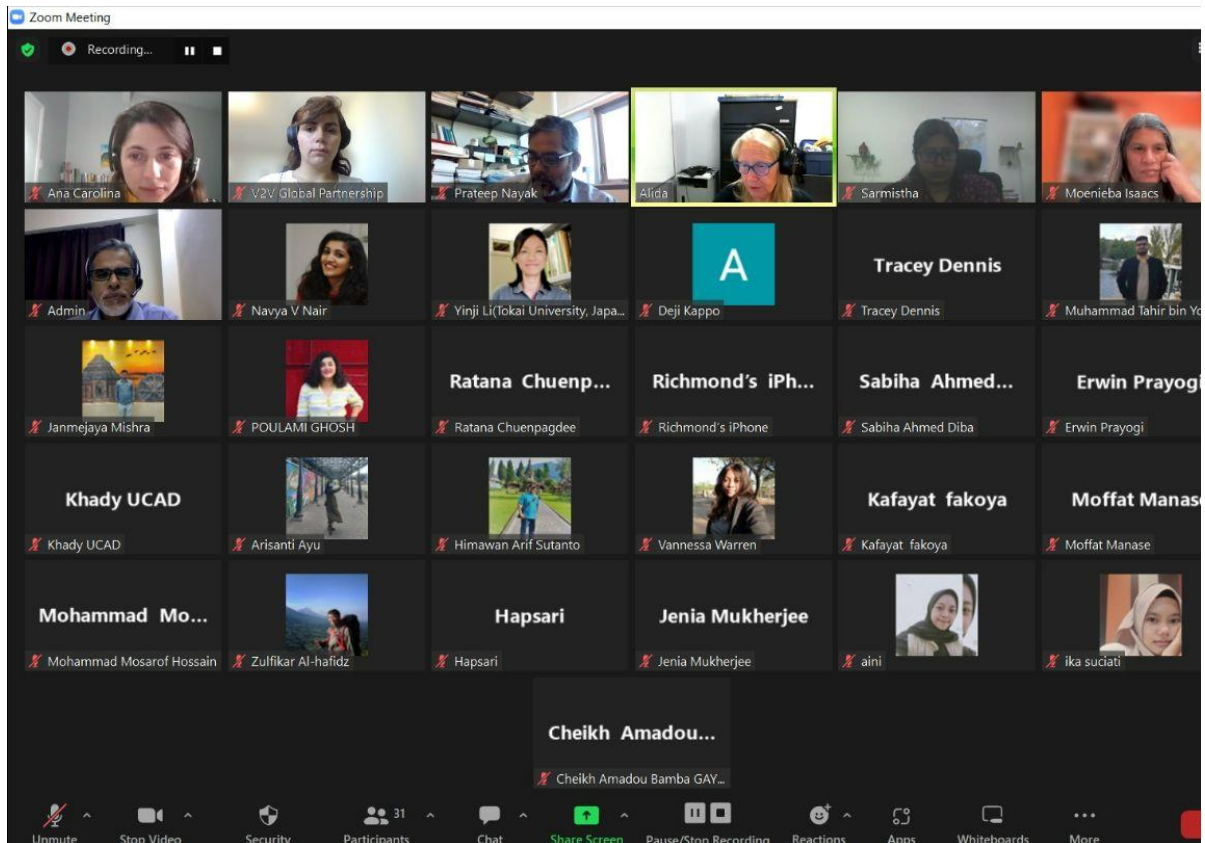
Finally, the discussion session pointed out that the I-ADApT template really relies on strong case studies to draw from. Following the desktop research, when teams are going to do their case study research, they can rely on the I-ADApT framework, but also beyond that – e.g., transboundary resources, historical and present issues, all can be included in the detailed case study. What is this V2V case study and how it contributes to I-ADApT? This can be a discussion going forward.

Workshop: Co-producing the V2V I-ADApT based on V2V case study insights

On September 8, 2022, the I-ADApT Working Group organized a workshop to discuss with country teams their process to implement information on their case studies into the I-ADApT template. As a group exercise, the participants reflected upon the I-ADApT desktop exercise and how it was useful to grasp information from V2V Case studies. We also discussed whether the I-ADApT template is useful to understand the case studies and the V2V transition, in addition to additional suggestions for the V2V I-ADApT template.

During the workshop, we conducted a word cloud exercise in which participants added words explaining their experience in the I-ADApT process. They mentioned about key challenges in completing the template, including translating a rich and comprehensive V2V case study into the template, as well as questions regarding specific template sections. In a second word cloud, V2V country teams expressed core themes needed to add to the V2V I-ADApT template in order to better understand a V2V transition and Viability in SSF across Africa and Asia. Based on the desktop I-ADApT exercise, country teams identified a lack of secondary information in their study sites and the need to include gender as a mainstream theme in the V2V I-ADApT template. They believed that a further understanding of the role of women and gender issues is core in facilitating the V2V transition in Africa and Asia.

After the word cloud exercise, breakout rooms were opened up, so V2V members could have a chance to interact closely with other country members and discuss the following question: 'How does the template help you to understand vulnerability (and possible pathways to transition)?' After small group discussions, people had the opportunity to share their insights in the plenary, including for instance that the 'main issue' is often a combination of multiple issues or multiple steps combined. They asked the question of 'how to clarify what is the core issue?' which will be further addressed.



1. Which questions were challenging for you and your team to answer?

Interconnected issues
 short-long term responses
 institutional coordination
 information gap
 gender
 nature of response
 multiple issues
 multiple stressors
 transboundary issues



2. What information is missing from the template required to understand V2V?

methodological approaches
v2v transition
gender viability
interconnected issues
v2v detailed case study
specific or fixed issue

Word clouds that were created out of the keywords derived from the discussions throughout the workshop.

V2V Global Partnership in Action: Chilika-V2V Field School 2022

Chilika-V2V Field School 2022 on Environmental Change and Governance took place in person after a 2-year gap due to Covid-19 Pandemic. It was organized by the Vulnerability to Viability (V2V) Global Partnership, University of Waterloo, Canada in collaboration with Rekhi Centre of Excellence for the Science of Happiness, Indian Institute of Technology, Kharagpur and NIRMAN, Odisha, India. The theme of this Field School was Transitioning from Vulnerability to Viability in Fisheries Social-Ecological Systems and it took place in Satapada on Chilika Lagoon, Odisha, India.

The weeklong field school (22 - 29 August 2022) brought together a selected group of graduate students and early-career researchers / professionals from the academia, government, NGO, and coastal communities. The aim was to provide a creative platform to deliberate and learn about concepts, approaches and methods helpful to achieve a transition from vulnerability to viability within fisheries social-ecological systems in the face of unexpected drivers such as COVID19. The field school included a creative mix of both classroom teaching and field training right in the

heart of Asia's largest Lagoon - Chilika. Participants gained firsthand experience and creatively engaged in furthering their understanding and knowledge of vulnerability to viability transitions, and with concepts and approaches that are novel, transdisciplinary and problem-oriented in nature.

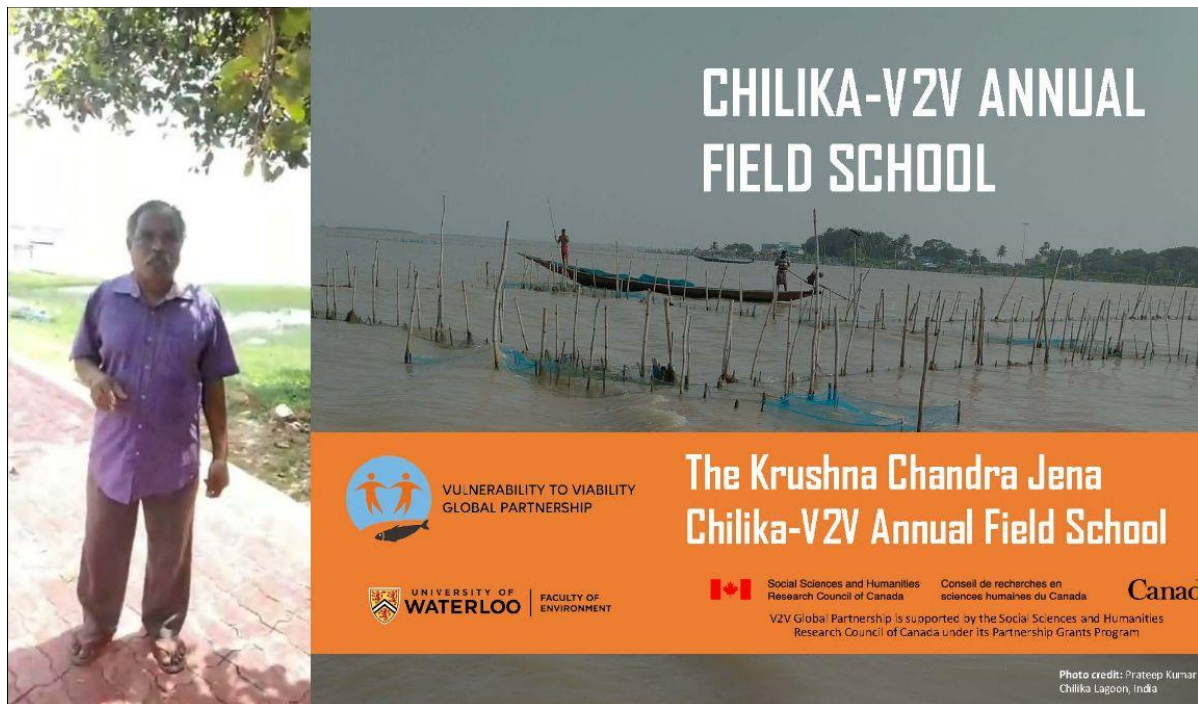
On the last day of the Field School, a policy workshop took place with the fisher communities of Chilika, who presented their perspectives to the participants on transitioning from vulnerability to viability and shared experiences on responses to COVID-19. The workshop was followed by the working groups of Field School participants reporting back their key learnings, reflections and experiences of being in Chilika to the community members. At the end of the workshop, 'Certificates of Participation' were presented by the community leaders to the Field School participants.



The participants of the Chilika-V2V Field School 2022 posing in group at Berhampur village,
Chilika Lagoon, Odisha, India.

At the end of the "Policy Workshop", the Project Director of the V2V Global Partnership, Dr. [Prateep Kumar Nayak](#), announced the launch of three programs in memory of the three irreplaceable losses. These programs are as follows and can support scholars and practitioners from any part of the world. Further details about each program will be available soon. [Svein Jentoft](#) also dedicated an article for his late student and colleague, Paul Onyango, titled "[The things that matter: Remembering Paul Onyango](#)".

- The Krushna Chandra Jena Chilika-V2V Annual Field School
- The Fatou Gueye V2V Visiting Fellows Program for Early Career Scholars and Practitioners
- The Paul Onyango V2V Visiting Fellows Program for Senior Scholars and Practitioners





V2V VISITING FELLOWS PROGRAM

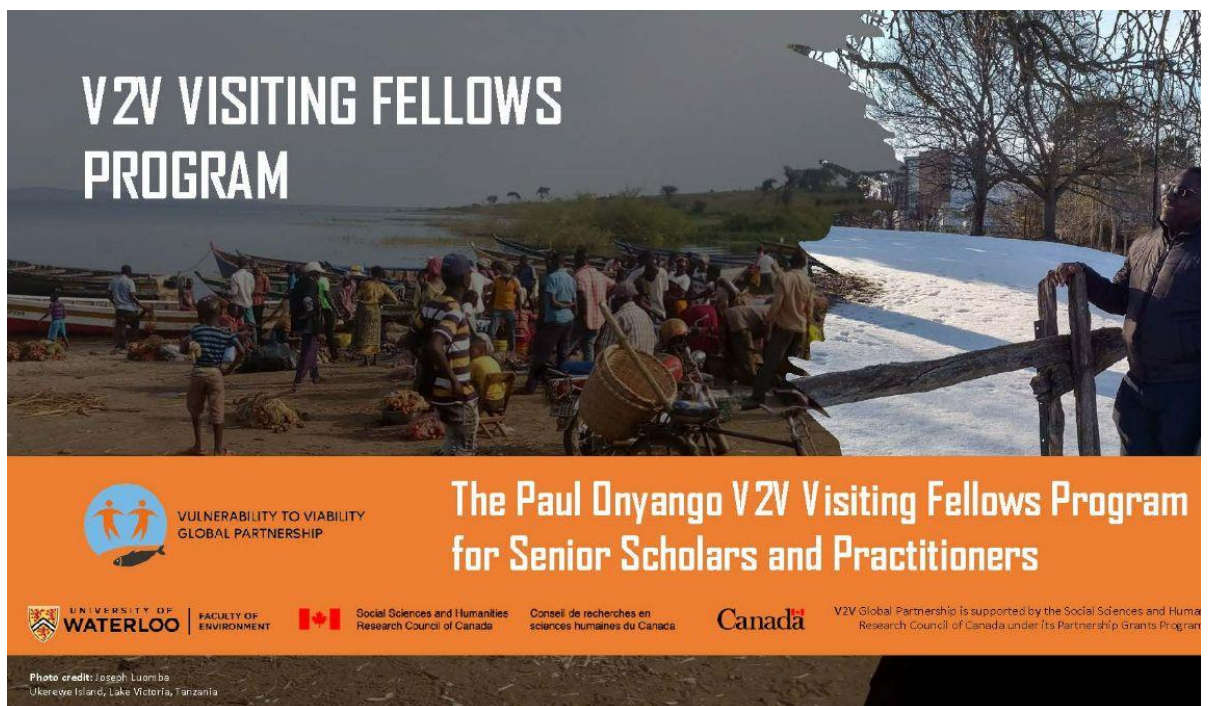
The Fatou Gueye V2V Visiting Fellows Program for Early Career Scholars and Practitioners

 **VULNERABILITY TO VIABILITY GLOBAL PARTNERSHIP**

 **UNIVERSITY OF WATERLOO** | **FACULTY OF ENVIRONMENT** |  **Social Sciences and Humanities Research Council of Canada** | **Conseil de recherches en sciences humaines du Canada** |  **Canada**


Photo credit: Alaxane Sarr, Island of Dio niaw, Senegal

V2V Global Partnership is supported by the Social Sciences and Humanities Research Council of Canada under its Partnership Grants Program



V2V VISITING FELLOWS PROGRAM

The Paul Onyango V2V Visiting Fellows Program for Senior Scholars and Practitioners

 **VULNERABILITY TO VIABILITY GLOBAL PARTNERSHIP**




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Photo credit: Joseph Luomba, Ukereye Island, Lake Victoria, Tanzania

V2V Global Partnership is supported by the Social Sciences and Humanities Research Council of Canada under its Partnership Grants Program

Chilika-V2V Field School Participants in Action

During the Field School, three working groups were formed based on three themes: Ecotourism, Policy and Governance, and Gender and Women Enterprise. On the last day of the Field School,

a policy workshop took place with the fisher communities of Chilika, who presented their perspectives to the participants on transitioning from vulnerability to viability and shared experiences on responses to COVID-19. The workshop was followed by the working groups of Field School participants reporting back their key learnings, reflections and experiences of being in Chilika to the community members. Working groups are going to elaborate on their reflections in their thematic working paper. The following three write-ups are written by three working groups as their reflection summary:

Reflection Summary of the Eco-tourism Working Group:

Working with our own observations, informal conversations, and more formal stories told by people who live with Chilika, we reflected on how ecotourism could be a driver for V2V transitions in the social-ecological system of Chilika. Breaking our reflections into environmental, governmental, economic, sociocultural, and emergent domains, a key theme that unified our reflections was that tourism cannot replace fishing.

Fishing is far more than just a source of income: it is an identity, a political-economic force, a practice of environmental stewardship, and an ongoing challenge in the face of desalination and other extreme changes in the ecosystem of Chilika. As such, the fishermen and extended communities that support fishing in Chilika cannot simply shift to tourism without a wholesale reconstruction – and destruction – of their traditional ways of life. Tourism, on the other hand, is an alternative source of income for fishers who are failing to make ends meet, while it is also a speculative project by nonlocals looking to exploit the ecosystem.

The mechanisms by which tourism exploits and contributes to the lives of vulnerable communities at Chilika remains, for us, underexplored. However, through the field school, we have begun to unravel some lines of inquiry that suggest (1) ecotourism should be considered in a holistic way if it is to become more environmentally sustainable, (2) ecotourism needs to move beyond the dwindling dolphin population to include the cultural value of Chilika, (3) the criminal and fraudulent dimensions of tourism likely stem from structural problems, requiring deeper support for participatory bottom-up governance that can better address poverty, inequalities, and marginalization, (4) the images of Chilika that are circulated to promote tourism may be contributing factors in shaping local and nonlocal perceptions of Chilika's inhabitants and their entangled environments, (5) that the future of Chilika's tourism must be driven by the inhabitants of Chilika if tourism is to begin positively contributing to the viability of the whole social-ecological system.

These surface-level reflections serve as starting points for deeper research and questioning focused on how tourism may be making Chilika more vulnerable and/or more viable. Within this focus lies a need to understand how life used to be, how it is today, and where life is moving tomorrow. Understanding V2V transitions is an act of working with change, and always seeking to identify trajectories and directions, rather than permanent solutions. Working as a transdisciplinary group through the field school enabled us to begin this process of identifying the manifold forces at play in V2V transitions in Chilika. As such, we found it to be a rewarding experience of respectful community engagement, and open debate about local issues and their global repercussions.

Contributors [alphabetically by family name]: Michelle Anagnostou, Cheikh Amadou Bamba Gaye, Archi Banerjee, Pradyumna Behera, Akanksha Chaubey, Madhubarna Dhar, Nicholas Frayne, Siti Zainab Omar, Deepak Panda, Abhilasha Sharma, Yogesh Kumar Singh [alphabetically]



The photo shows tourist boats in Chilika Lagoon carrying tourists that once were fishing boats. Photo credit: Archi Banerjee, 2022



The photo shows empty tourist boats that are landed on the shore of Chilika Lagoon. Photo credit: Siti Zainab Omar, 2022

Reflection Summary of the Policy and Governance Working Group:

Fishing communities of Chilika consider Chilika Lagoon to be their mother. For them, fishing is not only a way of life but also a matter of pride. During the Policy and Governance team's visits to the fishing villages of Berhampur and Aloopatna, we engaged with the communities' facing a myriad of issues in the local policy and governance. We summarized these findings as reflections, with considerations to a sustainable and positive way forward.

The communities reflected that the ecology and environment of the lagoon had changed dramatically over the past 40 years. Environmental changes were especially noticeable following the opening of a new sea mouth in the lagoon and a dramatic increase in shrimp aquaculture in the 1980's, which altered the salinity and water quality. Communities felt ignored and marginalized, as the government consultation process carried out before opening the sea mouth was minimal, and the creation of aquaculture farms have not benefited local fishers. Representation of Chilika fishers in governance and management structures has been weak, and the introduction of aquaculture has further alienated traditional governance systems. Although the Chilika Development Authority (the formal governing body of Chilika Lagoon) has prepared guidelines for management of water quality, the question remains as to whether these have been devised in consultation with the fishers dependent on the lagoon. There is an obvious need for traditional governance systems to be reflected in policies within Chilika Lagoon.

The economic development of Chilika Lagoon has suffered since the opening of the sea mouth and the rise in aquaculture farms. Fishers have witnessed a decline in catch, and emerging issues, such as the Covid-19 pandemic, caused huge fluctuations in the market for fish sales. A lack of governmental support for fishers, and subsidies for fishing gear, has led to high operational costs. High costs contribute to why fishing is no longer seen as viable, with resulting consequences such as locals migrating for a reliable income.

Women-only groups described their lack of decision-making and participation in governing processes regarding the lagoon, even though women represent the majority of post-harvest activities. The social and cultural trends in Chilika include the gender division of labor in households, and the differential access to resources and political participation which are increasing the marginalization of women in Chilika Lagoon. Schemes, such as the Self-Help Groups, which aim to empower women, provide decision-making powers at the household level. However, some women felt they could contribute and influence more at the community level, if this was accepted.

Chilika communities are heavily reliant on the government to enable active participation to better understand the challenge. Local communities need the government's support to produce and implement policies that are effective and meaningful in order for Chilika to continue supporting families dependent on its resources to survive.

Contributors [alphabetically by family name]: Anjali Ashokan, Fadzlee Asmat, Shreya Bhattacharya, Biswa Swaroop Das, Mohit Kumar Gautam, Indhusmathi

Gunasekaran, Mohammad Mosarof Hossain, Moffat Manase, Janmejaya Mishra, Anna Eve Patel, Subhashini R, Ankur Shukla



The photo shows the participants visiting Berhampur fishing village in Chilika Lagoon, Odisha, India and conducting focus group discussions. Photo credit: Sevil Berenji, 2022



The photo shows a participant from the Policy and Governance Working Group showing a drawing with keywords in Odia language to the community members and other participants. Photo credit: Sevil Berenji, 2022

Reflection Summary of the Gender and Women Enterprise Working Group:

“Gender is always a doing, though not a doing by a subject who might be said to preexist the deed.”

- Judith Butler, Gender Trouble: Feminism and the Subversion of Identity (1990)

Indeed, individual identity (the subject) is itself performatively constituted through coercive social norms. A pool of literature also agrees with the fact that it is a complex interweaved web of socio-cultural norms and power hierarchy which constitutes gender. It is a cyclical dynamic

between the gender equations and the social-cultural-economical equations.

This working group aims at exploring the overarching gender equations and women's enterprise scenario in Chilika Lagoon, known as the largest brackish water lake in Asia and the second largest in the world. How gender dynamics have affected enterprise development and vice-versa is also a major focal point of this paper. A qualitative study with a heuristic approach was designed where focus group discussions, exposure visits, observation, and photo documentation were the key tools and techniques used. The selected study areas were Berhampur village, Alupatna village, the local fish market, and a few areas surrounding the lagoon. Community members including male and female adult members, women from self-help groups, adolescent girls, and members of the local fishers' federation were selected based on key resource persons' suggestions. The core areas of exploration were 1) the availability, accessibility, and utilization of resources in terms of gender dynamics, 2) observing and understanding women's role in the private and public spaces, 3) women enterprise scenario in the area, and 4) mapping the domains and drivers of V2V in terms of the gender perspective and women's enterprise.

Chilika lagoon remains the main source of livelihood and income for the communities living around the lagoon despite the prevailing pressures on the ecosystem. The three main pressures that impact the environment and ecology of the lagoon are aquaculture-related activities, the opening of the direct sea mouth, and pollution from inland flooding and tourism. The pressures are altering the aquatic matrices (water, sediment, and biota) of the lagoon, leading to a decrease in fishers' catches. The current situation of the lagoon and the constantly changing socio-ecological system is making them re-orient the coming generation to not be involved in fishing-related activities. The impacts of these changes on the community are experienced differently by men, women, and youths. There are intergenerational differences in gender roles, especially women, and the aspirations they have. While due to a lack of income from fishing activities, men are out-migrating, and women's status is being subjected to their position within and outside their household. Across all the selected spaces there was evident gender division of labour, low representation of women in public spaces, economical activities, governance, and management roles, have been observed. It must be noted that when we are saying 'women' – it is a heterogeneous term. Age, marital status, economical class, religion, caste, and an array of intersectional factors are affecting each woman's access to and utilization of resources, visibility, ownership, and agency.

When it comes to vulnerability and viability, it has been observed as a 'co-existing', 'cyclical' and 'complementary' system which is linked with the 'collective' and this linkage is certainly not one-directional. While verbatims like, "We are having as many problems and issues, as much as there

is water in Chilika”, infer the vulnerabilities, at the same time, verbatims like, “Chilika is the gift of god to us...” signifies the viabilities.

Contributors [alphabetically by family name]: Maha Abdelbaset, Ashraf Alam, Baishali Bose, Shalini Chaudhary, Sumedha Das, Tracey Lee Dennis, Florence Jose, Pallavi Padmanav, Pradyut Priyadarshini Mishra, Diganta Panda, Edéya Orobiyi Rodrigue Pelebe, Sarbeswara Sahoo, Priyadarsini Sinha



The photo shows males and females working alongside each other to sort out the catch in the local fish market. Photo credit: Baishali Bose, 2022



The photo shows a woman involved in mushroom cultivation. Photo credit: Shalini Chaudhury, 2022

10th

V2V Country in Action: Japan

V2V Japan members organized and participated in a variety of sessions at 4WSFC Asia-Pacific in Shizuoka City between 10-13 May, 2022. Click [here](#) to access the congress program. The congress focused on the theme "Building Forward Better" to discuss ideas and strategies needed for SSF to rebalance, rebuild and revitalize, following the impacts of the Covid-19 pandemic, natural disasters and climate change. The conference held a range of plenary, symposium and parallel sessions exploring different aspects of SSF. These included [Food plenary](#), [Financial plenary](#), [Life Above Water translation book launch](#), [Girls Who Fish Japan symposium](#), and several parallel sessions to discuss topics such as [Umigyo](#) and [stakeholder engagement](#).





V2V member, Dr. [Yinji Li](#), co-organized the session titled “Girls Who Fish Canada and Japan” at the 4WSFC: North America Congress. This session brought together the “Girls Who Fish Canada” team and Japan members and coordinators to present and discuss the commonalities and differences in gender and women in fisheries, challenges and opportunities in both countries, and the way forward.



V2V Partner in Action: Lagos State University, Nigeria

V2V Nigeria Project Coordinators, Dr. [Shehu Latunji Akintola](#) and Dr. [Kafayat Adetoun Fakoya](#), successfully convened a national stakeholders' awareness raising and advocacy capacity-building workshop for the implementation of the [Voluntary Guidelines for Securing Sustainable Small-Scale Fisheries](#) in Nigeria. The workshop, held between the 9th to 11th of May, 2022, was the outcome of a collaborative partnership of four organizations: Lagos State University, International Collective in Support of Fish Workers (ICSF), Food and Agriculture Organization (FAO) and WorldFish. The workshop attracted a wide range of stakeholders including fishers, fish processors, NGOs/CSOs, academia and the research community, youth representatives, media and development agencies. Panel sessions were conducted in hybrid mode by notable dignitaries, including Prof. Emeritus [Svein Jentoft](#), Mr. Mathew Sebastian, Prof. Stella Williams, Prof. Oscar Amarasinghe, [Lillian Ibengwe](#), Prof. Lai Osho, Dr. Pip Cohen, Lena Westlund, Dr. Kendra Bryd, Princess Adejoke Orelope-Adefulire the Senior Special Assistant to the President on SDGs, among others.



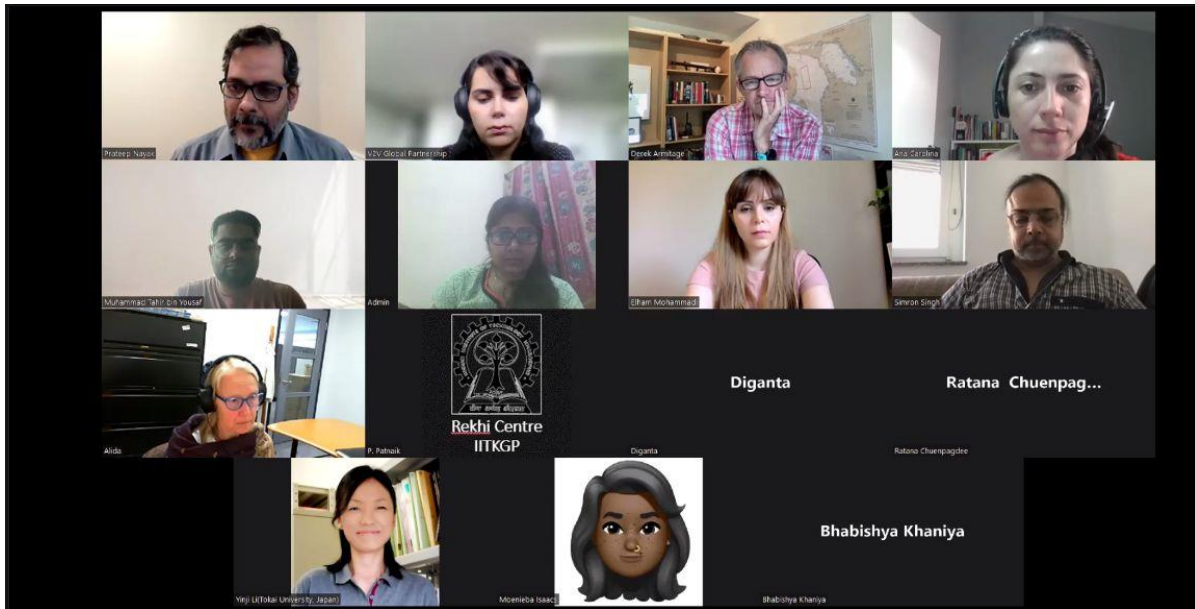
The group photo of participants with Prof. Akintola [top] and the photo of a working group at the workshop [bottom].

V2V Global Partnership in Action: Debrief Meeting (Takeaways from 1:1 meetings with V2V countries)

Following the 1:1 meetings with V2V countries that took place between January and May of 2022, a Debrief Meeting was held on 1st of Jun, 2022 with WG co-leads and the Secretariat team to plan the next steps based on countries' needs. At the meeting, a brief presentation of the key takeaways and a concrete plan from each working group were presented. There was a brainstorming session on the progress and pathways forward which was followed by the final session about the next steps at the V2V case study, I-ADApT template, Information System and capacity building.

As a next step for the I-ADApT WG deliverables and activities were agreed upon, they are:

- By July 31 country teams need to deliver one desktop application of the I-ADApT template to the V2V Case Study, completed to the extent possible, based on existing information, accompanied by a page explaining data sources and methods used to complete the template. This initial activity will engage countries in translating rich research information into comparable information using the I-ADApT template and a report of the data sources used to complete the template.
- Masters students may be graduating at different times across the V2V counties and some students are almost done. In order to avoid losing valuable information, we ask that every student graduating, will also submit an I-ADApT template based on their research.
- In July, there will be a 'peer learning' workshop to hear from countries that have already successfully completed their I-ADApT desktop research. Country teams will have a space to ask questions and share their process. Followed by an online workshop in August for initial discussion and feedback on the V2V I-ADApT templates and a collaborative possibly in-person workshop to synthesize what we are learning from the case studies, to modify the I-ADApT template where necessary to better fit the needs of the V2V project and to identify next steps. We are considering several options and will send more details as they become available.



V2V Partner in Action: Cheikh Anta Diop University of Dakar (UCAD), Senegal

The UCAD Institute of Fisheries and Aquaculture (IUPA)'s Visit to the Dionwar Islands on The World Oceans Day

As part of its activities for the International Day of the Ocean, a team from the University Institute of Fisheries and Aquaculture (IUPA) led by Director Alassane Sarr, visited the V2V case study area located at the Dionwar Island in Senegal, from 10-13 June 2022. After visiting Dionewar and Niodior processing sites, the team travelled to Moundé and Falia, Senegal. They interacted with the "Local Union of Mounde-IUPA Students" who are working to assess the stocks of available fishery resources, in a participatory manner. This group (IUPA/UCAD) supports local women in several activities related to the sea.



V2V Global Partnership in Action: 4th World Small-Scale Fisheries Congress (4WSFC) North America

The [4th World Small-Scale Fisheries Congress \(4WSFC\) North America](#) (June 20-22, 2022) was

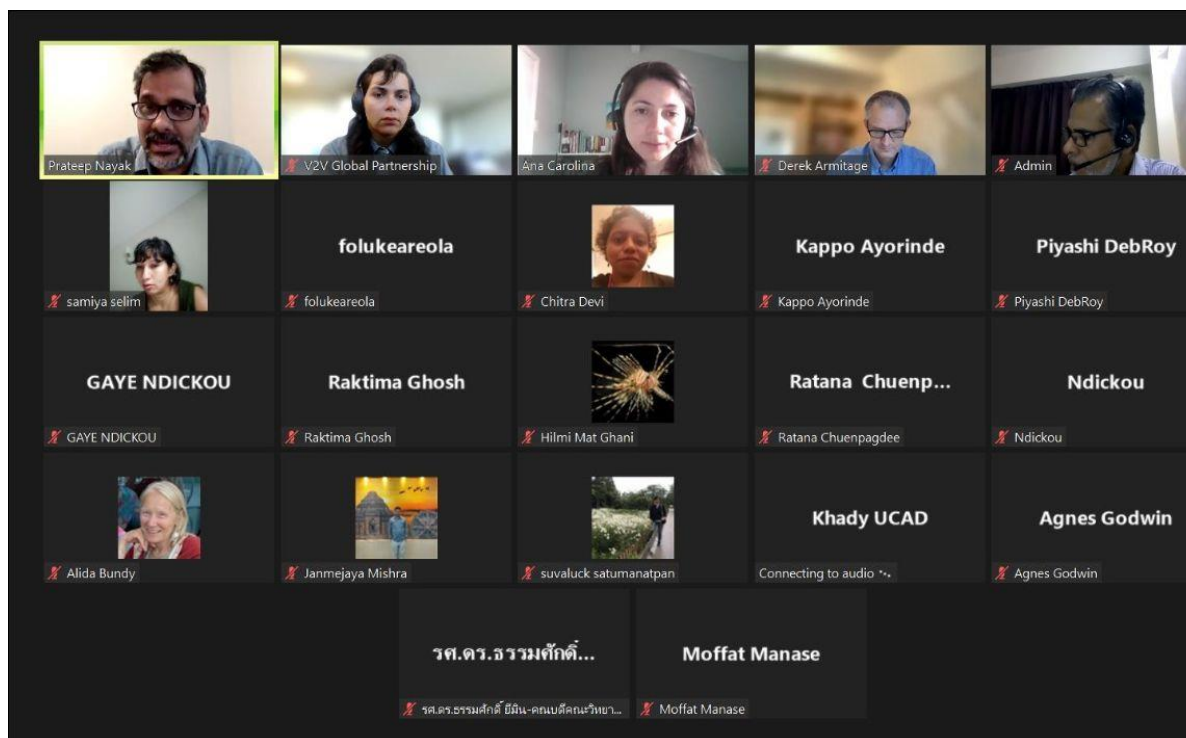
organized by TBTI in St. John's, Newfoundland and Labrador (Canada). The congress theme was 'Getting IT Right' and was organized to honour the [International Year for Artisanal Fisheries and Aquaculture](#). The Congress aimed to facilitate dialogue across different dimensions of small-scale fisheries (SSF), and include such themes as small-scale fisheries governance, adaptation, conservation, aquaculture, and the blue economy. V2V Co-investigator, Dr. [Ratana Chuenpagdee](#), together with Dr. Evan Andrews and Dr. Paul Foley, co-chaired a very engaging and topical Congress. Several members of the V2V Partnership, including graduate students, were active participants in the Congress, and organized sessions and presented papers on different dimensions of the 'Vulnerability to Viability (V2V) Transition'. The Congress was an excellent chance to engage in valuable discussions about 'getting small-scale fisheries governance right' within the context of a rapidly changing ocean.



V2V Global Partnership in Action: Situational Analysis Synthesis Workshop

The V2V Synthesis and Integration Working Group organized a synthesis workshop focusing on the situational analysis reports prepared by all V2V countries. The purpose of this workshop was to engage all the authors of the situational analysis reports/working papers to draw major lessons and to move towards a combined understanding of vulnerability and viability issues on a global scale. Major points discussed included: (1) what are the primary direct and indirect social-ecological drivers of change that exacerbate vulnerability and undermine viability, including some of the emerging issues and challenges facing small-scale fisheries in these contexts; and (2) what are some key policies and governance dimensions enabling more viable small-scale fisheries? Using quantitative and qualitative approaches, we have compiled the results from the situational analysis reports to draw our core themes, issues, and identify the key examples. Our plan is to finalise a manuscript based on these results and submit it to an interdisciplinary journal in the near future.

Big thanks to those who added the references in the V2V Zotero folder! It was very helpful to support this synthesis work.



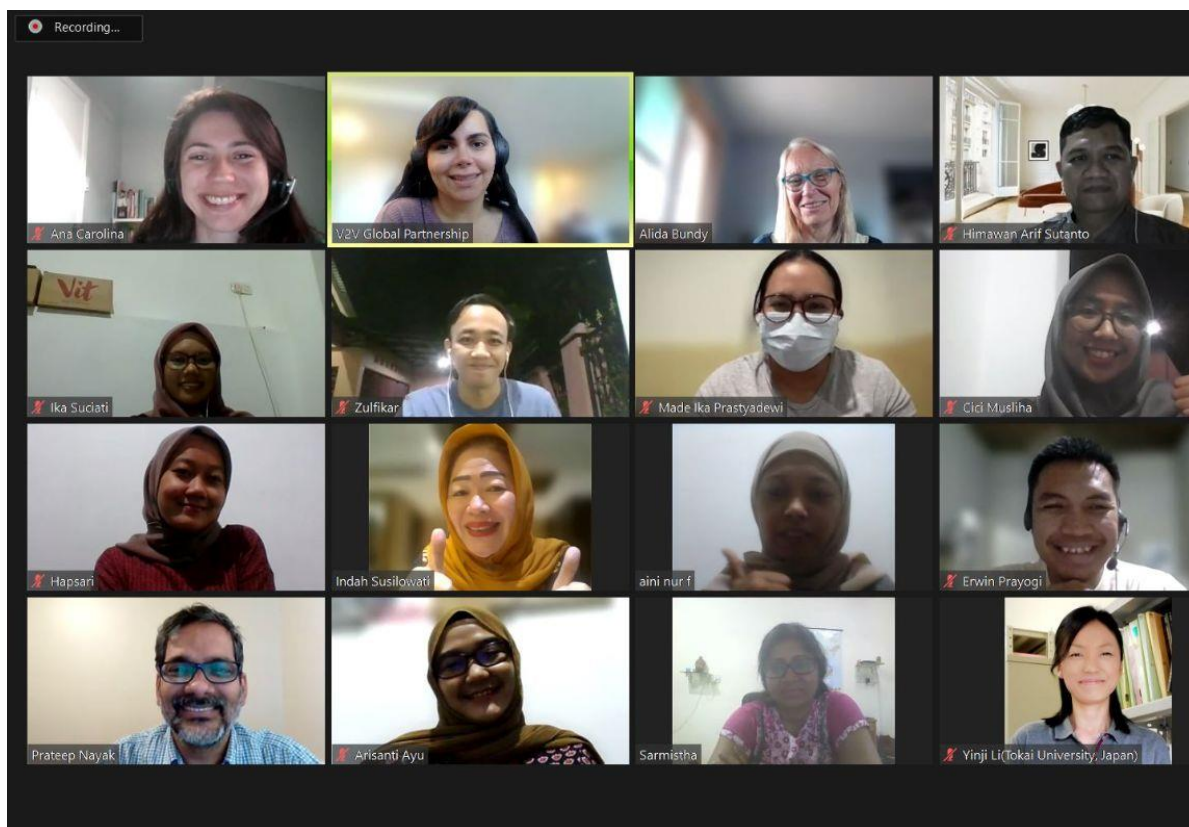
V2V Post-doctoral Fellow in Action: Ana Carolina Esteves Dias

The ninth session of the Plenary of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES 9) was held in Bonn, Germany, from 3 to 9 July 2022. During the plenary, delegates from countries negotiated upon and approved the summary for decision-makers of two assessments. They were the thematic assessment of the sustainable use of wild species; and the methodological assessment regarding the diverse conceptualization of multiple values of nature and its benefits, including biodiversity and ecosystem functions and services (assessment of the diverse values and valuation of nature). V2V Project Director, Dr. Prateep Kumar Nayak, is a Lead Author in the Sustainable Use Assessments. The assessments were based on the existing knowledge including scientific, practitioners, and indigenous knowledge. They were prepared by experts and included a Fellowship programme for early career researchers, in which V2V post-doctoral fellow, [Ana Carolina Esteves Dias](#), participated. The IPBES and associated networks also provided other opportunities for youth interested in the future of biodiversity. Click [here](#) to find out about the opportunities.



V2V Indonesia Team in Action: V2V Detailed Case Studies and I-ADApT

On June 29, 2022, the Indonesian team and the V2V Secretariat Team met to provide training and clarifications on V2V detailed case studies and I-ADApT. In this meeting, the team had the opportunity to clarify questions, and plan for the V2V case study activities.



V2V Meet & Greet (Year 3) Event

V2V Global Partnership celebrated its progress and achievements during the third year on July 6, 2022, via the Zoom platform with V2V members, students, and early career researchers. The agenda of the event is available [here](#). The event started with remembering the colleagues we lost in the past year (Krushna Chandra Jena, Fatou Gueye, Paul Onyango). It continued with the voices of students and early career researchers on their perspectives on V2V and how their

research addresses the notion of vulnerability to viability. The voices were followed by V2V Country Coordinators summarising country-level activities and achievements. V2V Working Group Co-leads also talked about their deliverables and plans. Dr. Prateep Nayak and Dr. Derek Armitage provided the key highlights of the V2V activities during the past year. The event came to end with an outlook for the next year.



Voices From the V2V Graduate Students and Early Career Researchers

V2V graduate students and early career researchers provided their perspectives on vulnerability to viability linking to their work at the V2V Meet & Greet (Year 3). This event that was held on July 6, 2022, via the Zoom platform. All the voices represent the diversity of ideas, perspectives, interests and motivations that exist within the V2V network. These ideas inspire V2V members and help them to create a strong foundation to do what they are set to do through the V2V Global Partnership.

STUDENT/EARLY-CAREER RESEARCH CHOICES



PERSPECTIVES ON
VULNERABILITY TO VIABILITY




VULNERABILITY TO VIABILITY
GLOBAL PARTNERSHIP

V2V Global Partnership in Action: 1:1 Meetings with V2V Countries

Between March and May 2022, the V2V secretariat and working group co-leads continued to host the 1:1 meetings with country teams to discuss the development of V2V case studies, I-ADApT template, V2V Information System and capacity development needs. This series of meetings originally started in January 2022. These meetings have been productive in generating insights on country-level research processes involving the case studies and building synergy with the activities of the V2V Working Groups. Most importantly, the meetings have been effective in strengthening the ongoing collaborations within the V2V Global Partnership, while also helping to place the experiences and perspectives of the V2V Country Teams at the forefront. They generated a common understanding of complex issues and possible approaches to be taken to respond.


Further plans include organising a synthesis meeting in late May 2022 to discuss the key outcomes from the series of 1:1 meetings and formulate a plan for action. This will include each of the V2V Working Groups (i.e., Case Study and I-ADApT WG, Information Systems WG, and Capacity Development WG) developing or revising their action plans to accommodate the needs, expectations and insights that emerged from the 1:1 meetings.

PIC : HAPSARI



MAIN TOPIC : SUSTAINABILITY TOURISM DEVELOPMENT PANJANG ISLAND

Internalization of externalities from Karimunjawa to Panjang Island dividing the tourism burden. Panjang Island are "no less beautiful than Karimunjawa Island"





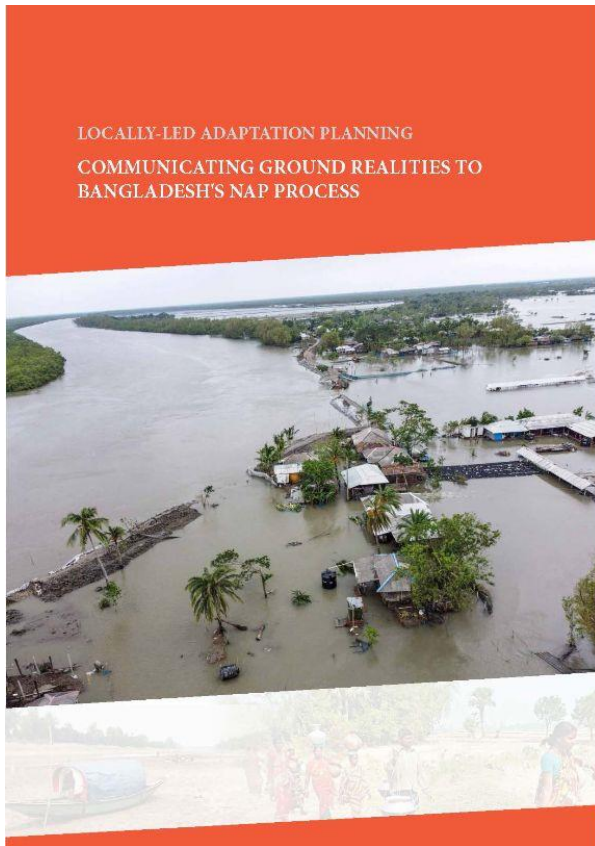
V2V Partner Organization in Action: Center for Participatory Research and Development

Study Report of Locally-led Adaptation Planning: Communicating Ground Realities to Bangladesh's NAP Process

The study report 'Locally-led Adaptation Planning: Communicating Ground Realities to Bangladesh's NAP Process' has been developed based on the findings of locally-led consultations in three climate hotspots namely: a) the lower Ganges-Brahmaputra-Meghna (GBM) river basin areas exposed to flood and recurrent riverbank erosion; b) the South-west coastal areas exposed to tropical cyclones and sea-level rise; and c) the North-west Barind areas experiencing less rainfall and drought-like condition.

The report identified context-specific climate change impacts, adaptation gaps and challenges, which need to be addressed for a human-centric and rights-based adaptation planning. It has recommended a context-specific vulnerability analysis to comprehensively understand the relative vulnerability of people living in the unlike fragile conditions and with varying degrees of adaptive capacities. The report also emphasized a human dimension in adaptation planning, while also providing due attention to the existing fault lines of inequality and social exclusions such as gender discrimination, ethnicity and socio-economic deprivation.

Read The Report



V2V Country Coordinator in Action: Dr. Yinji Li

Dr. [Yinji Li](#) was invited to the NHK TV Morning Show "Ohayo Nippon" on 24/03/2022 to comment on the gender issues in fisheries. She mentioned that "It will not only solve the shortage problems of fishery successors but also contribute greatly to the revitalization of the entire fishing village if we can make more accessible work environments for women."

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挑戦 漁業の活性化へ
女性も働きやすい環境に

東海大学
李銀姫 准教授

漁業のジェンダーギャップに詳しい

おはよう
日本

女性が入っていけるような環境作りもできたら
担い手不足の問題だけでなく

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女性も働きやすい漁業に

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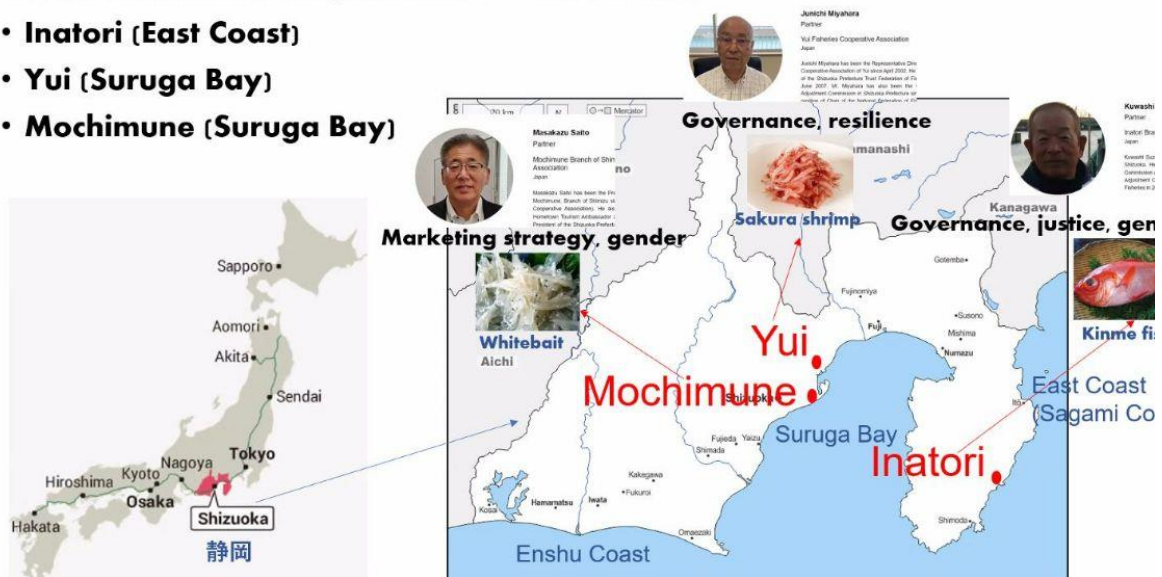
V2V Global Partnership in Action: 1:1 Meetings with V2V Countries

The 1:1 meeting with country teams aimed at hearing the approach and progress of countries in the development of their place-based, comprehensive, inclusive, diverse and dynamic case studies. Country teams shared the main activities being developed in the first two years of the V2V project at the country-level, including the Situational Analysis report and working paper, training and capacity building events, participation in conferences, and other research and outreach activities. Countries had an opportunity to discuss the development of their case studies, including good progress as well as discuss challenges faced in the identifying case studies, timeline and students' participation as core contributors to the case study and I-ADApT, as well as brainstorm ways to overcome these challenges with the support of V2V Partnership. Interestingly, we have identified good opportunities for country-to-country support in capacity building and community engagement. Finally, these meetings also had the purpose to understand what type of information system would be helpful at the project level to store data and information that can be useful and easy to access by researchers, communities, policymakers and civil society.



Three communities (Shizuoka Prefecture)

- Inatori (East Coast)
- Yui (Suruga Bay)
- Mochimune (Suruga Bay)



V2V Partner Organization in Action: Mundus maris

Workshop of the SSF Academy in Yoff, Senegal

From November 22 to 24, 2021, the next capacity strengthening workshop was held for those enrolled in the Yoff Artisanal Fisheries Academy, Senegal. The objective of the workshop was for the participants to take stock of the work accomplished, to continue with the analysis of the value chain of artisanal fishing in the Yoff area and to develop individual and collective action plans for the next 12 months.

The first session consisted in following up and taking stock of how the academy learners had kept their individual notebooks. The dialogue centred on the analysis of how the individual and group work started since the first workshop had continued. More specifically, the retrospective critical reflection on the one-year action plans aimed to check how the participants had used their individual notebooks and whether they had been able to do their homework.

The value chain analysis was developed in a comprehensive and participatory manner during the second seminar held. But coming back to this during this workshop made it possible to appreciate a certain number of changes that have occurred to the detriment of women. The women are the main actors in the postharvest value-adding activities as they are micro-fishmongers.

The last session was devoted to developing an individual action plan over a period of twelve (12) months by each academy learner. As in the past, participants identified intermediate targets and what actions needed to be taken to achieve them. The projects are all about how to improve the living conditions to lead a happy life. The economic dimension is important, but we felt more and more emphasis on the two other dimensions linked to the social needs and the environment.

It was very difficult for the participants to narrow the focus on a few constraints for achieving their individual and collective objectives. The problems unanimously identified are multiple: pollution, scarcity of fisheries resources resulting from the competition of industrial fishing vessels, climate change and atrocious competition women experience when trying to access fish raw material. Read the full news [here](#).



V2V Partner Organization in Action: Mundus maris
 Interview with Prof. Alexander Proelss on the Law of the Sea

Prof. Alexander Proelss is Chair of International Law of the Sea and International Environmental Law, Public International Law and Public Law, at the University of Hamburg, Germany. His research focuses, among aspects of general international and European Union law, on the international Law of the Sea, international environmental law, as well as international aspects of German constitutional law. Prof. Proelss is involved in several legal and interdisciplinary research projects and has advised public agencies, international organisations, private companies and NGOs.

On October 25th, 2021 an extensive exchange took place with him on various aspects of the Law of the Sea, ocean threats and protection, and the advantages and inconveniences of hard and soft law respectively. The questions for *Mundus maris* were asked by Cornelia Nauen. Watch the full interview in the video below.



V2V Graduate Student in Action: Janmejaya Mishra

V2V PhD student, [Janmejaya Mishra](#), who is working under the supervision of Prof. [Sarmistha Pattanaik](#) at Centre for Policy Studies, IIT Bombay, India presented a co-authored paper titled “Adivasi Marginalisation in Natural Resource Extraction in Bastar, Chhattisgarh: Reimagining the Human-Environment Relations for Equity and Sustainability” at the Indian [Anthropology Congress - 2022 organised by Indian National Confederation and Academy of Anthropologists \(INCAA\)](#) in collaboration with the Department of Anthropology, University of Hyderabad, India (21 February 2022). The paper provided ethnographic insights on the political ecology of various mining and hydro-power projects and their impacts on livelihoods of the marginalised Adivasi (indigenous) communities and fragile ecosystems in Bastar region of Chhattisgarh, India. It concluded that the extraction of natural resources – primarily minerals and forests in Bastar has largely benefited the Indian state and a few mining corporations while the Adivasis have been highly impacted due to the negative consequences on their health and forest-based livelihoods. The paper suggested that this is a gross violation of the constitutional rights of the Scheduled Tribes (ST) and called for effective implementation of policies such as PESA Act, 1996 and FRA, 2006 in order to safeguard the rights and ensure sustainable livelihoods of the Adivasi communities.

The photo below taken during the field shows Adivasis during a Pandum (local festival) to worship nature in Bijapur district (Bastar division), Chhattisgarh, India.



V2V Partner Organization in Action: CREDETIP, Senegal

Study on the coherence between the fisheries and social protection sectors in Senegal

[Aliou Sall](#), V2V Country Coordinator from Senegal, was part of a team of three experts composed of a fisheries socio-economist, a sociologist from the Gaston Berger University and a social security specialist. The project was structured around two main stages, namely: (1) To understand the main socio-economic characteristics of SSF actors, the sources of socio-ecological vulnerability and the level of exposure to risks, and access to social protection of artisanal fishing communities in Senegal; and (2) Defining ways to ensure policy and programme coherence between social protection and the fisheries sector.

Within the framework of this mission, he was in charge of the socio-anthropological aspects and more particularly of the capitalization of endogenous initiatives to foster social protection,

including in SSF communities. In addition to this specific task, he was led on a survey conducted as part of this mission on the social implications of Covid, the results of which illustrate that SSF is the sector most exposed to the shocks and threats to which the rural sector is subject. Furthermore, the results of this study show that vulnerability is especially linked to systemic and natural factors.

This FAO-funded initiative started in February 2019 and was completed in December 2021. It is necessary to specify that the study did not take place during this entire period, as the missions were planned in time. This is technical support from FAO to the Senegalese government, intended for national programmes of social protection. In this context, and as part of the technical support to national social protection programmes, FAO supports the Government of Senegal in its strategy to strengthen the coherence between social protection and agriculture programmes in order to improve the livelihoods and resilience of vulnerable populations in rural areas. The study covered both marine and inland fisheries in Senegal, including, Hann, Ouakam, Kayar, Guet Ndar in Langue de Barbarie, Mbour, Joal, Djiffère, Dionewar, Ziguinchor, Kafountine, Goudomp and Matam.





V2V Country Coordinator in Action: Batuli Mohammed Yahya

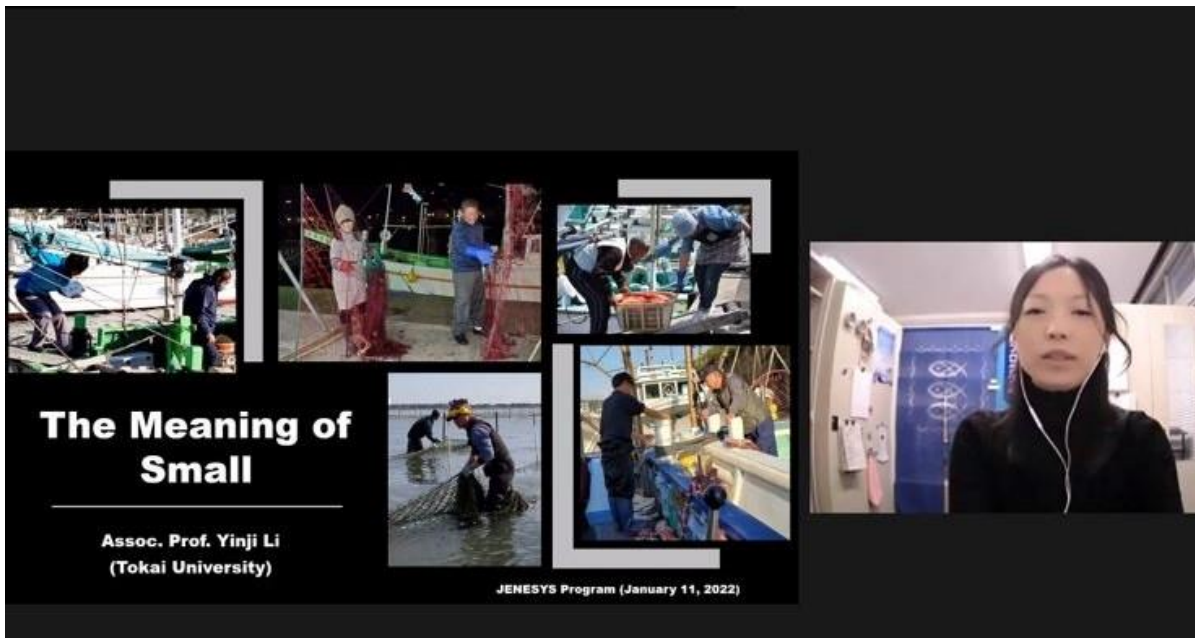
V2V Country Coordinator, [Batuli Mohmmaded Yahya](#), from the University of Dar Es Salaam, Tanzania, visited Zanzibar Island as a part of her fieldwork to study the coral reef fish species caught in the region. The photo below was captured by her in the year 2022 at Mablui fish market, Zanzibar Island and it shows an ongoing process of auction of fish caught by small-scale fishers. Male and female fish vendors gather during the auction to buy fish for sell but local people are always part of the auction process to buy fish for consumption. Women vendors mainly sell the auctioned fish by the roadside in a suburb, while the men have more options to sell their fish either on their bicycles or inside the main fish market at Darajani and Malindi. The auction area is in very poor condition without any post-harvest handling appliances such as ice-making machines or freezers and the quality of the fish is always not guaranteed. Sometimes

fishes are thrown away due to decay, market oversupply that bring huge losses to the fishers, resulting in their increased vulnerability.



V2V Country Coordinator in Action: Dr. Yinji Li

In January of 2022, Dr. [Yinji Li](#) gave a talk titled "The Meaning of Small" to the students from ASEAN and Timor-Leste at [The JENESYS \(Japan-East Asia Network of Exchange for Students and Youths\) Programme](#) which was organized by the [Japan International Cooperation Center \(JICE\)](#). In her talk, Dr. Li presented to the students why we need small-scale fisheries research, what perspectives are important in the research, and also introduced the V2V Global Partnership and Too Big To Ignore Global Partnership.



V2V Country Coordinator in Action: : Dr. Yinji Li

Girls Who Fish Japan is an outreach program coordinated by [TBTI Japan](#) in partnership with the V2V Japan country team from Tokai University and other organizations. Dr. [Yinji Li](#)'s interview article titled "Japan's first Girls Who Fish starts; from Shizuoka, a fishing town, to the

whole country” reflect about this initiative and was published in [Work Life Shizuoka 2022 magazine](#) (winter issue). The document was introduced in the Work-Life Shizuoka on Feb 18, 2022 and includes three sections: (1) About Girls Who Fish Japan, (2) From improving gender issues to resolving the successor-shortage issues, (3) Making fishing and fish familiar. In the interview, Dr. Li addressed gender issues in Japanese fisheries and explained the aim and importance of the outreach program to support gender viabilities in SSF.



V2V Partner Organization in Action: Tokai University

V2V project has been introduced in Tokai University News in the Japanese language and English language (Automatic translation of it is available).

Read The News



V2V Master's Student in Action: Ryoichi Kato

In November 2021, V2V student [Ryoichi Kato](#), under the supervision of Prof. [Yinji Li](#), conducted fieldwork on Tengusa fisheries in the Inatori fishing community in Shizuoka Prefecture. The “Tengusa” is a type of seaweed, which has long been valued in Japan as a source of agar (seaweed-based vegetarian gelatin substitute), and it is collected by Ama (women divers) in the Inatori fishing community. The community used to be well-known for its Ama Tengusa fishery. However, severe successor-shortage issues have been apparent, and the last Ama passed away in 2016. Now the community is in danger of losing their traditional fishery. The fieldwork is to interview fishers from the Inatori Branch, Izu Fisheries Cooperative Association, and collect pieces of literature in the community library to grasp the actual situations of the Ama Tengusa fishery. This work will be presented at the 4th Small-Scale Fisheries Congress Asia & Pacific.



Interviewing at the fisheries cooperative



Experiencing pray-for- big- catch ceremony



Tengusa seaweed



Ama (women divers)

Photo credit: Inatori Branch, Izu Fisheries Cooperative Association

V2V Global Partnership in Action: Working Paper Series

The V2V Working Paper Series is an initiative of the V2V Global Partnership to facilitate the exchange of ideas, mobilization of knowledge and generate broad-based discussions on vulnerability-viability themes and topics within the context of small-scale fisheries. It aims to provide a collaborative and interactive platform for academics, policy-practitioners, representatives of civil society, and individuals interested in making written contributions to the theoretical, methodological, practical, and policy aspects of small-scale fisheries both locally and globally. Seven Working Papers were published which focus on the V2V Situational Analysis, together with student and country-based research papers.

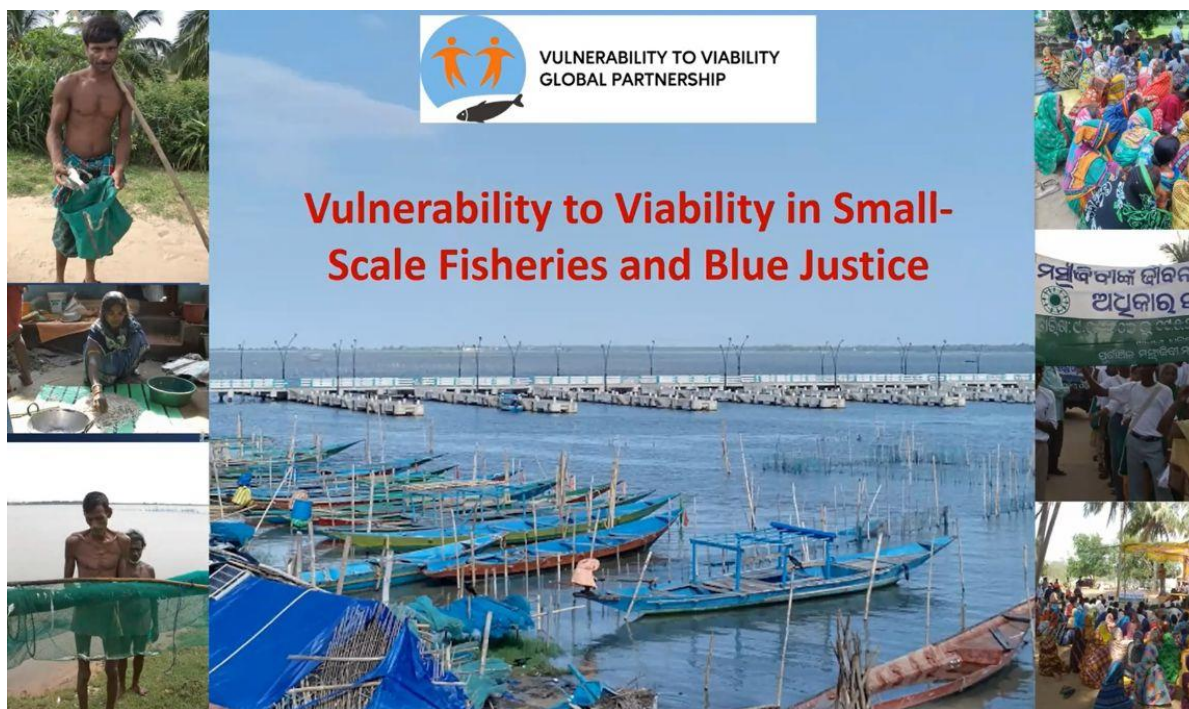
[Read V2V Working Paper Series](#)



V2V Global Partnership in Action: Vulnerability to Viability in Small-Scale Fisheries and Blue Justice

[TBTI Global](#) featured a short video contributed by V2V Global Partnership for the World Fisheries Day celebration on 21-Nov-2021. The video highlights that the V2V Global Partnership works on building strong small-scale fisheries. Issues of justice and injustice are core to our work, and blue justice is a prominent area of focus. Several sources and types of injustices influence SSF. Historical injustice is deeply rooted in the past systems and practices but is still visible in the current governance mechanisms. Emergent injustice appears unexpectedly and influences local discourses on injustice. Recurring injustices are those which fishers have come to expect to occur at certain intervals due to their routine and repetitive nature. Blue growth-related injustices emanate from the economic development processes that seem to encroach into coastal fishery spaces and come in direct conflict with fishers' ideas and perceptions about what justice means within the same space. At V2V Global Partnership, we see justice/injustice issues as key determinants of vulnerability and viability, and the transition of small-scale fisheries communities from their vulnerable situation to viability. This would rely on how we can creatively and collaboratively respond to the deep-rooted and emergent injustices and their sources through processes of knowledge co-production, knowledge mobilisation, synthesis of experience and social learning, and capacity development at all levels.

[Take a Virtual Tour](#)

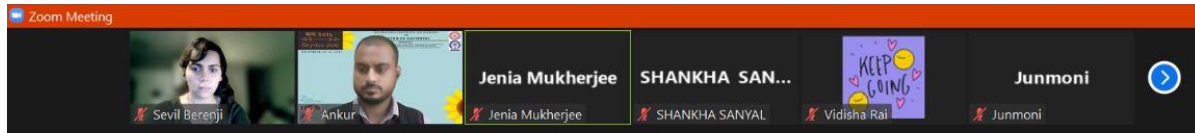


V2V Project Coordinator and Affiliated Student Researcher in Action: Sevil Berenji and Ankur Shukla

Exploring rhythms of social wellbeing in a complex coastal social-ecological system: A case of small-scale fishery in Sagar Island, Indian Sundarbans

[Sevil Berenji](#) (V2V Project Coordinator) and [Ankur Shukla](#) (Affiliated Student Researcher from IIT Kharagpur, India) presented their conference paper titled 'Exploring rhythms of social wellbeing in a complex coastal social-ecological system: A case of small-scale fishery in Sagar Island, Indian Sundarbans' at [The 2021 International Conference cum Workshop on Rhythm of Happiness](#). Their paper tried to highlight how the notions of social wellbeing are built socially and culturally while being rooted in a particular time and place (Atkinson et al., 2012). And how it is critical not to assume a single or universal approach but to investigate how the research subjects understand wellbeing. This conference paper presented by Sevil and Ankur intended to address the aforementioned gap by drawing on qualitative data in the context of - Sagar Island - located on the southwest edge of the Indian Sundarbans. The research methods employed by them included participant observations, semi-structured interviews, and focus group

discussions. The results of this paper indicated that exploring the rhythms of the fishing community's social wellbeing could provide valuable insights to achieve improved management of fisheries resources. It can also help identify the present threat to SSF and DF production, which will bolster the community's social wellbeing and their positive response to social-ecological changes.



Exploring rhythms of social wellbeing in a complex coastal social-ecological system: A case of small-scale fishery in Sagar Island, Indian Sundarbans

Sevil Berenji

School of Environment, Enterprise and Development (SEED), Department of Environment, University of Waterloo, Waterloo, ON, Canada

Ankur Shukla

Rekhi Centre of Excellence for the Science of Happiness, Indian Institute of Technology Kharagpur, Kharagpur, West Bengal, India



V2V Partner Institution in Action: Cheikh Anta Diop University of Dakar (UCAD), Senegal

Dr. Ahmadou Aly Mbaye visiting the aquaculture station of the University Institute of Fisheries and Aquaculture (IUPA)

Dr. [Ahmadou Aly Mbaye](#), V2V Country Coordinator and Co-investigator in Senegal and Vice-Chancellor of Cheikh Anta Diop University in Dakar, visited the University Institute of Fisheries and Aquaculture on 17 December 2021. This was an opportunity for Dr. Mbaye to interact with the activities currently being held at the learning and experimentation site for teaching at the

aquaculture station. During his visit, Professor Jean Fall, a lecturer at IUPA and a specialist in fish nutrition and the molecular detection of pathologies, explained current research and stock management projects currently being developed at the station. They also discussed the station's integrated system that allows hydroponic plant cultivation to be coupled with fish farming to avoid polluting nature.



V2V Co-investigator in Action: Dr. Rashid Sumaila

In this episode of "CBC On The Coast", host Gloria Macarenko speaks with guest Dr. [Rashid Sumaila](#), V2V Co-investigator from the University of British Columbia, about the importance of preserving our oceans.

[Listen to This Podcast](#)

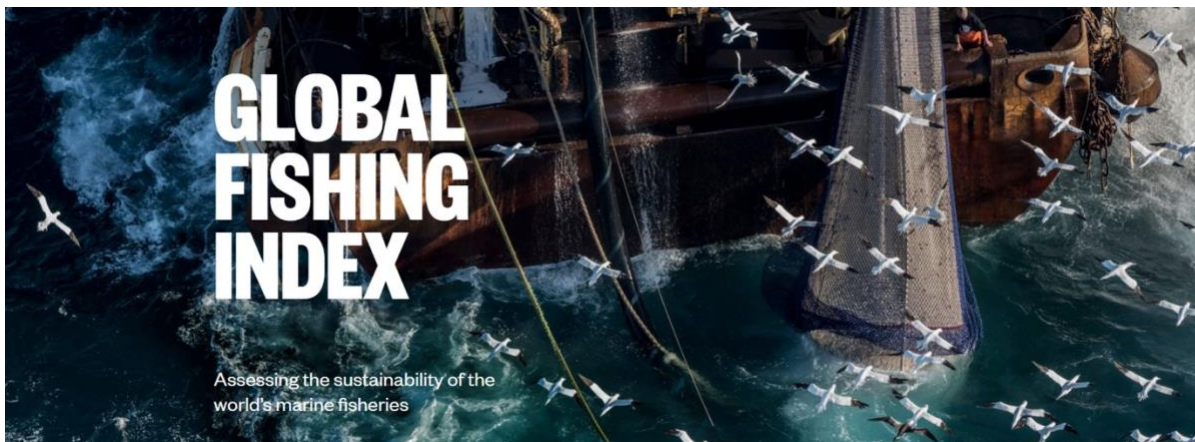


On The Coast with Gloria Macarenko - Nov. 12, 2021:
Talking about oceans at COP26



V2V Country Coordinator and Collaborator in Action: Aliou Sall

[Aliou Sall](#), V2V Country Coordinator and Collaborator from the CREDETIP in Senegal, worked in [this research](#) as the Consultant in charge of assessing fisheries governance in Senegal, Mauritania, Gambia, Guinea Bissau, Guinea Conakry, Ivory Coast, Camroon, Congo, Democratic Republic of Congo, Angola and Djibouti. For some countries, he travelled and for others, he did telework due to the ongoing pandemic.



V2V Co-investigator in Action: Dr. Haseeb Md. Irfanullah

Connecting Conflict, Climate Change and Ecological Crisis
Itad Ltd (a UK-based consulting firm) published a working paper written by Dr. [Haseeb Md. Irfanullah](#) (a V2V Co-investigator from the University of Liberal Arts Bangladesh) and Tom Gillhespy, (a Principal Consultant within Itad's Fragile and Conflict Affected States Practice). The firm also published a video titled "climate crisis and conflict: cross-sector working for sustainable solutions". In both outputs, Tom Gillhespy and Dr. Haseeb Md. Irfanullah strongly

advocate for the need for nature-based solutions (NbS) to integrate into our work in conflict and security, climate change, and ecological crisis. NbS can be an effective instrument to bring conflict advisers, climate change actors, and conservationists together.

[**View the Working Paper**](#)

[**Watch the Video**](#)

Connecting Conflict, Climate Change and Ecological Crisis

Working Paper; October 2021



V2V Partner Organization in Action: CREDETIP, Senegal

Participating in the seminar organized by SWAIMS in Saly Portudal, Senegal

CREDETIP is, since 2021, a member of the Support to West Africa Integrated Maritime Security (SWAIMS) project that is a regional platform. This network was set up under the auspices of ECOWAS. Member states of this regional body have initiated, coordinated, and concerted regional action through the ECOWAS Integrated Maritime Strategy (EIMS) and the Yaoundé Process. As a strategic trading partner, the EU supports these efforts through several EU-funded projects, including the Support to West Africa Integrated Maritime Security (SWAIMS) project. The SWAIMS Technical Assistance Team (TAT) is embedded in ECOWAS Commission's

Regional Security Division (RSD) and provides advisory services. SWAIMS' objective is to improve maritime security and safety in the Gulf of Guinea. The project has two main prongs: (i) strengthening legal, governance and law-enforcement frameworks to better support maritime security and, (ii) improving law-enforcement operational capacities and responses through customized institutional and technical capacity-building. It is in this context that CREDETIP, represented by director Aliou Sall, participates in the Saly Portudal workshop held from the 12th to the 14th of October 2021. He also participated in other civil society organizations from Benin, Cabo Verde, Gambia, Guinea Bissau, Liberia, Mauritania, Senegal, and Sierra Leone. The title of the workshop was: "Advocacy, Fundraising and Conflict Management for the Benefit of Small-scale Civil Society Organisations in the West African Maritime Sector". The main expected results for the Saly Portudal workshop were as follows:

- CSOs are able to draft proposals for donors
- They have the necessary tools for conflict resolution
- Participants integrate the network of maritime civil society organisations in West Africa created during the Cotonou workshop held on the 7th and 8th of July 2021
- The SWAIMS project contributes to the capacity building of CSOs
- The visibility of ECOWAS and the European Union in the field of maritime security and awareness-raising of CSOs is increased
- The visibility of ECOWAS and the European Union on maritime security and CSO awareness is increased through the SWAIMS project



Participating in the seminar on "The contribution of civil society to the fight against crimes at sea: the case of armed robbery, maritime piracy, marine pollution and illicit trafficking"

From the 8th to the 12th of November 2021, this seminar was held in Abidjan, Côte d'Ivoire. The training was provided by the Interregional Maritime Security Institute (ISMI) of the Regional Academy of Maritime Sciences and Techniques (ARSTM) based in Abidjan. CREDETIP was represented by its director Aliou Sall. To recall the context, the framework of the European Union Strategy for the Gulf of Guinea was adopted on March 17th, 2014 along with the ECOWAS Integrated Maritime Strategy. The European Union (EU) decided to finance, under the SWAIMS project ("Support to Integrated Maritime Security in West Africa"), a training and capacity building programme for ECOWAS national staff in the field of maritime security and safety. In order to implement the resolutions of the Yaoundé Summit, which recommended the creation

of a capacity-building mechanism for civilian and military personnel in the Gulf of Guinea, ECOWAS has entrusted the implementation of this training project to the Interregional Maritime Safety Institute (ISMI) of the Regional Academy of Marine Sciences and Technology (ARSTM) based in Abidjan. This training project is called Project FORMAR (Formation Maritime dans le cadre du project SWAIMS). All the civil society organisations participating in the SWAIMS network came from the following countries: Benin, Cabo Verde, Gambia, Guinea Bissau, Liberia, Mauritania, Senegal and Sierra Leone.

The objective of the seminar was to strengthen the capacity of civil society in the fight against armed robbery, maritime piracy, drug trafficking and IUU fishing, in accordance with the commitments of ECOWAS states and those resulting from the Yaoundé Summit resolutions. The specific objectives were: (i) to teach members of civil society about the Yaoundé architecture and the legal regime of maritime spaces as governed by the United Nations Convention on the Law of the Sea, (ii) to provide members of civil society with specific and precise knowledge of the offences of armed robbery, maritime piracy, marine pollution and illicit trafficking, and (iii) to provide them with the rudiments of project set-up, fundraising and networking.

The targeted results were as follows: (i) members of civil society have specific and precise knowledge of the offences of armed robbery, maritime piracy, marine pollution and illicit trafficking, (ii) members of civil society are better equipped in criminal matters relating to armed robbery, maritime piracy and illicit trafficking, and (iii) members of civil society are equipped in terms of setting up a project, seeking financing and networking.



Participating in the seminar of the SSF Academy in the fishing community of Yoff, Senegal

[Aliou Sall](#), the National Coordinator of the SSF Academy in Senegal, participated as an expert facilitator in a seminar organized in the fishing community of Yoff in Senegal. This seminar was organized as part of the activities of the SSF Academy and was held from 22 to 24 November 2021, with the financial support of Mundus maris (mundasmaris.org) (a V2V partner. The session focused specifically on an activity started in 2019 dedicated to the capacity building of the members of the Yoff community who are stakeholders in the fisheries academy: fishmongers, fishermen, fishmongers. A capacity strengthening workshop was held for those enrolled in the Yoff SSF Academy, Senegal. This workshop was long-awaited because the activities of the academy had been put at half-mast for almost two years because of the health crisis. The objective of the workshop was for the participants to take stock of the work accomplished, to

continue with the analysis of the value chain of artisanal fishing in the Yoff area and to develop individual and collective action plans for the next 12 months. The workshop with 28 registered participants was facilitated by a team made up of Floriane Thouillot, Oumar Dieng and Aïssata Ndiaye, all members of the NGO Gret, Mamadou Mbaye, Mandione M'bengue and Marième Soda Seck, as co-facilitators and resource people of Yoff as well as Aliou Sall, vice-president of Mundus maris, and Souleymane Sow of the local NGO CREDETIP.

The main representatives of the customary authorities attended the seminar and this illustrated a real recognition at the community level of this initiative and included the Imam of the community, Mr. Cheikh Sall, the Jaaraaf of Yoff, who has a role as president of the entire community, Mr. Seyni Guèye, the President of Freys Yoff, which is the organisation in charge of local governance in the global sense of the term, Mr. Birane M'bengue. They spoke in turns and appreciated that the initiative could continue to gain ground despite the health crisis. They also expressed their great interest by recalling that they had also been at the opening of the first workshop and that they were present despite their currently busy schedule. Mr. Aliou Sall, on behalf of Mundus maris, took the floor last reiterating the commitment of his organisation within the limits of its possibilities to continue to support the Yoff SSF Academy. After this introductory part, the participants worked for three days, at the end of which a multi-annual action plan was to be produced and shared with Mundus maris. In the space of two years, the project has enabled some of the artisanal fishermen who benefit from the training provided to improve their living conditions.



V2V Partner Organization in Action: Lagos State University, Nigeria

Contributing to the Nigerian case study included in the Illuminating Hidden Harvests (IHH) report

Dr. [Shehu Latunji Akintola](#) and Dr. [Kafayat K. A. Fakoya](#), V2V Country Coordinators and Co-investigators from Lagos State University - Nigeria, were two of the over 300 experts who contributed to the Nigerian case study included in the IHH report released in 2021. Dr. Akintola was the leading author for the Nigerian case study, while Dr. Fakoya contributed both as a case study author and as the national gender advisor.

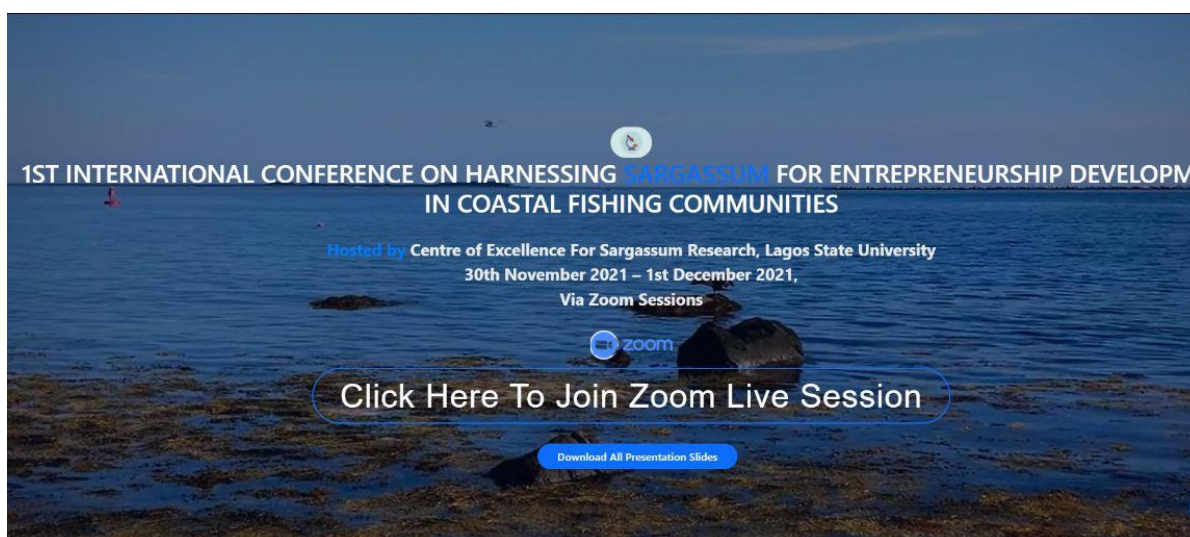
Click [here](#) and [here](#) to read how Dr. Akintola and Dr. Fakoya talk about the IHH Nigeria case study and the impacts they hope the research will have.



Chairing the 1st virtual international conference harnessing Sargassum Entrepreneurship Development in Coastal Fishing Communities

Dr. [Shehu Latunji Akintola](#) chaired the [1st Virtual International Conference on Harnessing Sargassum Entrepreneurship Development in Coastal Fishing Communities](#). The conference was hosted by the Centre of Excellence for Sargassum Research, Lagos State University between November 30th and December 1st, 2021. The conference attracted 114 participants from Ghana, Barbados, Dominican Republic, France, India, Mexico, Puerto Rico, Saint Lucia, Tanzania, South Africa, the United Kingdom, the USA, and Nigeria. Papers presented included a wide range of topics under the following sub-themes:

- Taxonomy, geography, and distribution of Sargassum in Nigeria.
- Impact of Sargassum weed on fisheries and other means of livelihood in the littoral communities of Nigeria.
- Economic, medicinal, and other values of Sargassum weed in Nigeria.
- Strategies for promoting the buy-in of littoral and associated communities for exploration of the benefits of Sargassum weed.



Participating in the Sixth International Conference for Fisheries and Aquatic Sciences

Dr. [Kafayat K. A. Fakoya](#) participated at the [joint international conference of the Sixth International Conference for Fisheries and Aquatic Sciences \(ICFAS 6\) & the Asian Fisheries Social Science Research Network Forum One \(AFSSRN F1\)](#) between November 24-26, 2021. Her contributions included a presentation of the preliminary findings of a survey about Traditional and Local Fish Smoking Kilns in Coastal Communities of Lagos State, South-West Nigeria, funded by the Carleton University, Canada. The study revealed varieties of local and traditional fish smoking kilns or ovens, as well as over forty different fuel sources suited or adapted to the needs of the fish processors. A dearth of modern kilns users prevailed in the twenty-two communities surveyed, and ownership of kilns, in terms of types and number, may be connected to social and economic factors. Though a feminine sphere, women do not form a homogenous group, and intersectionalities may be important in unravelling hidden gender inequalities. Extension services and membership of social groups or networks, however, appear to have little impact on the female fish processors to adopt modern fish smoking kilns.



Participating in the Blue Justice Session

Dr. [Kafayat K. A. Fakoya](#) participated in the Blue Justice Session where she addressed insights from a book chapter on blue justice co-authored by Dr. [Kafayat K. A. Fakoya](#), Ayo Oloko and Dr.

Sarah Harper, entitled 'Understanding Vulnerability of Urban Waterfront Communities to Rapid Development: The Case of Lagos Lagoon, Nigeria'. The highlight of this presentation was the inequitable power distribution between small-scale fisheries and the sand dredging sector in the largest lagoon system in Nigeria and sub-Saharan Africa. The presentation focused on major challenges to the small-scale fisheries sector as ranging from pluralistic land tenure system shaped by ethnicity and identity politics, lack of policy prioritization from the poor socio-economic valuation of the fisheries, poor public perceptions of fisheries, lack of inclusiveness in fisheries governance, and conflicts. In commemoration of World Fisheries Day celebrated on November 21, 2021, the authors produced a short video based on their Blue Justice Chapter.

[Watch The Video](#)

V2V Partner Organization in Action: Rekhi Centre of Excellence for the Science of Happiness, IIT Kharagpur, India

The [2021 International Conference cum Workshop on Rhythm of Happiness](#) was organized by the [Rekhi Centre of Excellence for the Science of Happiness](#), Indian Institute of Technology Kharagpur in collaboration with the School of Languages and Linguistics and Sir C. V. Raman Centre for Physics and Music, Jadavpur University from 10-12 December 2021 with the Curtain Raiser Program on 9 December 2021. More than 50 papers were presented at this conference across 3 days. The main theme was "The Rhythm of Happiness - a Multidisciplinary Exploration" in search of the answer for "How does rhythm contribute to happiness?" and "How does happiness lead to rhythm?" A search for the answer would lead one to multiple disciplines – bio-rhythms, neuro-rhythms, cosmic rhythms, ecological rhythms, socio-cultural rhythms, rhythms in music, art and culture, and rhythms in our everyday life. In each of these areas, rhythms contribute significantly, they also interplay and impact our state of happiness and wellbeing in interrelated ways. This conference proposed to explore these fundamental questions in the areas cited above, as well as in ways that many of them are interrelated.

Rhythm of Happiness

International Conference cum Workshop

Organized by: Indian Institute of Technology Kharagpur & Jadavpur University, Kolkata, India
Talks and Presentations 10 – 12 December 2021 / Workshops 9th December 2021



V2V Partner Organization in Action: Diponegoro University (UNDIP), Indonesia

Indonesia celebrates motherhood on 22 December 2021 as a day to make an extra-special effort to recognize and appreciate mothers' roles in our lives. All life activities are centred at home. Women as CEO of households have become increasingly drained of energy since the pandemic. It has changed almost all aspects of life. The importance of a woman's role during the pandemic era needs to be recognized and appreciated. Diponegoro University (UNDIP), which is a partner institution of V2V, celebrated Mother's Day of Indonesia by organizing a one-day seminar titled 'The Role of Gender In Securing Families and Communities During Pandemic Era'. The objectives of this seminar were (1) to explore how is the role of women in securing their family and community for daily life survival during the pandemic situation, (2) To give an overview of gender contribution in the pandemic era, and (3) To share ideas about a brief strategy how people can survive and cope the situation of the pandemic for our better life. Watch the recording of the seminar [here](#).



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Mother's Day

22nd December 2021

THE ROLE OF GENDER IN SECURING FAMILIES AND COMMUNITIES DURING PANDEMIC ERA

MORNING SESSION

Welcome address & opening speech DWP UNIDP:



ASHIH BUDIASTUTI, S.H., CN
Ketua DWP UNIDP

Welcome address & opening speech by Rector:



Prof. Dr. YOS JOHAN UTAMA, S.H., M.Hum.
Rector of Universitas Diponegoro

Keynote Speaker:



Her Excellency I GUSTI AYU BINTANG DARMAWATI
Ministry of Women Empowerment and Child Protection

Keynote Speaker:



LESTARI MOERDIJAT
Wakil Ketua MPR RI 2019 - 2024

Invited Speaker:



Prof. PRATEEP NAYAK
Project Director V2V Global Partnership
(University of Waterloo, Canada)

Speakers from Diponegoro University:



RIKA BUDI ANTAWATI,
S.H., M.Kn., M.M.
DWP UNIDP



Prof. TRI RETNANINGSIH
SOEPROBOWATI
DWP UNIDP

Moderator:



Prof. Dra. INDAH
SUSILOWATI, M.Sc., Ph.D.
FEB

AFTERNOON SESSION



Dr. FITRIYAH, MA
FISIP



Prof. Dr. WIDOWATI, M.Si
FSM



Prof. DIAN RATNA SAWITRI,
S.Psi., M.Si., Ph.D.
FPSi



Prof. Ir. TRI WINARNI AGUSTINI,
M.Sc., Ph.D.
FPIK



Prof. Dr. RIKNO SARASWATI,
S.H., M.Hum.
FH



Dr. NURIYATI, M.Hum.
FIB



Dr. Dra. SULISTYANI, M.Kes.
FKM



Prof. Dr. dr. TRI INDAH
WINARNI, M.Si.Med., PA
FK



Prof. Dr. Ir. KLORENTINA
KUSMIYATI, M.Sc.
FPP



Prof. Dr. Ir. HANI
SETYOWATI, M.T.
FT



ANGGUN PUSPITARINI
SISWANTO, ST, Ph.D.
SV



Prof. Dra. INDAH
SUSILOWATI, M.Sc., Ph.D.
FEB



Prof. Dr. Dra. ARI
PRADHANAWATI, M.S.
FISIP



Prof. Dr. Dra.
DEWI YULIANTI, M.A.
FIB



Prof. Dr. SUHARNOMO,
S.E., M.Si.
FEB

Moderator:

Date & Time:

day : Wednesday
time : 08.00-12.40 WIB
date : 22nd December 2021

zoom



Meeting ID
709 119 0008
Passcode
DWP2021

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Undip's Devo Professors
Mother, How Are You Today
Medley Gambang Semarang & Jangkrik Genggong
Pejuang Dance
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6th

V2V Co-investigator in Action: Dr. Jessica Blythe

On this episode of The Current with Matt Galloway at CBC Listen, Dr. [Jessica Blythe](#), V2V Co-investigator from the Environmental Sustainability Research Centre at Brock University, talks about using Virtual Reality to foster ocean empathy ahead of COP26 (the interview begins at 47 mins). As world leaders got set to discuss the climate crisis at the COP26 summit in Glasgow, some scientists bet on virtual reality to make you feel more connected to the state of our seas. Click [here](#) to learn more about this initiative.

[Listen to This Podcast](#)



V2V Co-investigator in Action: Dr. Rashid Sumaila

'WTO must ban harmful fisheries subsidies' is a recently-published letter in Science led by a V2V Co-investigator, Dr. [Rashid Sumaila](#), in which several V2V researchers are co-authors / contributors with about 300 authors from around the world. The letter highlights

that the "World Trade Organization (WTO) members have a unique opportunity at their ministerial meeting in November to reach an agreement that eliminates harmful subsidies. We - a group of scientists spanning 46 countries and 6 continents - urge the WTO to make this commitment." Read more [here](#).

Colleagues who could not join as co-authors but wish to endorse the letter can do so by listing their names [here](#). You can find the translations here: www.watersciencepolicy.com



V2V Postdoctoral Fellow in Action: Dr. Ana Carolina Esteves Dias

As part of the Sustainability Research & Innovation Congress 2021 (SRI2021), held in Brisbane, Australia, selected early career researchers prepared a video to reflect on the highlights of the

event. Dr. [Ana Carolina Esteves Dias](#), a postdoctoral fellow and a member of V2V Secretariat, attended the [SRI2021](#) through the Champions Programme and shared her insights on this experience.

[Watch The Summary Video](#)



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V2V Partner Institution in Action: Center for Participatory Research and Development (CPRD)


A National Dialogue titled 'CSOs Concern and Expectation from COP26' was organized jointly by the [Participatory Research and Development-CPRD](#) (V2V partner institution) and its allied organizations namely BARCIK, CANSA-BD, CCDB, CDP, CLEAN, COAST Foundation, Maleya Foundation, NCC'B, RIB, SDS and YPSA on 23 October in Dhaka, Bangladesh. [Md. Shamsuddoha](#), Chief Executive of CPRD, made a comprehensive presentation on the broader picture of climate change, debated issues in climate negotiation and the expectations of the Civil Society Organisations (CSOs) from COP26 in Glasgow. The key demand and expectations include:

- Limiting Global Average Temp Rise 1.5 Degree C that essentially requires re-submission of the country's NDCs with enhanced targets and frequency (annually) to close the growing EMISSION GAP;
- A Standalone Financial Mechanism and Finances for L&D, to be institutionalized by establishing and an Implementation Arm under the WIM;
- Fulfilling 100b Financial Commitment annually from 2021 to 2025, and need-based enhanced commitment thereafter, essentially from the public sources, grants and not tying with the co-financing.

To access the dialogue's keynote presentation click [here](#) and for news coverage click [here](#).






Organized by







Center for Participatory
Research & Development



CPRD




V2V Co-investigator in Action: Dr. Rashid Sumaila

On November 9th, 2021 an event jointly organized by [Our Fish](#) and [Open Seas](#) called “Save the Ocean to Save the Climate – Blue Carbon Breakfast Briefing” took place. Dr. [Rashid Sumaila](#) - a V2V Co-investigator and a Killam Professor at the University of British Columbia together with other leading marine biologists, economists, NGOs and a Scottish Labour Advisor to COP26 called for acknowledgement by governments of the critical role played by the ocean in addressing the climate crisis, and for increased focus on monitoring and measuring blue carbon. In this

event, Rashid Sumaila mentioned that “COP26 is a pivotal moment in the response to the global climate emergency, and the urgent need to limit warming to 1.5 degrees”. More details about the event and its outcome are [here](#).

To access the related article titled *Fish and the Ocean Play A Crucial Role In Regulating Our Climate and Should Not Be Consigned to COP26 Sidelines* and written by Emma Cavan, Erica M. Ferrer and U. Rashid Sumaila, click [here](#).



V2V Project Director in Action: Dr. Prateep Kumar Nayak

Dr. [Prateep Kumar Nayak](#), V2V Project Director, was invited by the [International Ocean Institute, South Africa](#), to deliver a talk titled “Small-Scale Fisheries as Complex Social-Ecological Systems” at the Regional Small-scale Fisheries Governance Training Course for Asia: Creating an Enabling Environment for SSF Guidelines Implementation. This training

was designed for fisheries officers from Cambodia, Indonesia, Philippines and Timor-Leste. It introduced key concepts around small-scale fisheries, the FAO Voluntary Guidelines for Securing Small-scale Fisheries (SSF Guidelines), offered an overview of small-scale fisheries in the Asian context, and highlighted the complexity and interconnectedness of small-scale fishery systems.



**Small-scale Fisheries Governance Training Course
for Asia – November 2021**

Small-Scale Fisheries as Complex Social-Ecological Systems
Prateep Kumar Nayak

International Ocean Institute
Southern Africa

CBC Building, Kirstenbosch
Rhodes Drive, Newlands
Cape Town, South Africa
Tel: +27 21 799 8491
Website: www.ioisa.org

UNIVERSITY OF WATER
FACULTY OF ENVIRONMENT
School of Environment,
Enterprise and Development

V2V Graduate Student in Action: Mohammad Budrudzaman

Mohammad Budrudzaman, a V2V Research Assistant from the University of Liberal Arts Bangladesh, shared the following key findings of his research titled **“Fisher folks in Gaburia demand government support for alternative livelihoods”**:

People of Gaburia Union of the Satkhira district mainly depend on fishing in the mangrove river system. However, livelihood restrictions are being imposed by natural and governance issues. First, agricultural production is negatively impacted by existing salinity problems in the area. In addition, fishing activities have become limited due to conservation measures. Currently, the Department of Fisheries (DoF) protects 90% of the Sundarban area, which restricts fishing activities, and imposes a 6-months strict fishing ban to protect fish stock and biodiversity of the

mangrove ecosystem. As a result, fisher folks complain that with such limited scopes of fishing activities they cannot support their livelihoods. Fishers are stricken with debts and poverty that sometimes lead to conflict with the wildlife conservators. As a solution, they now demand alternative livelihoods and a better incentive program by the government to save the fishing communities of Gabura. [Read more [here](#).]

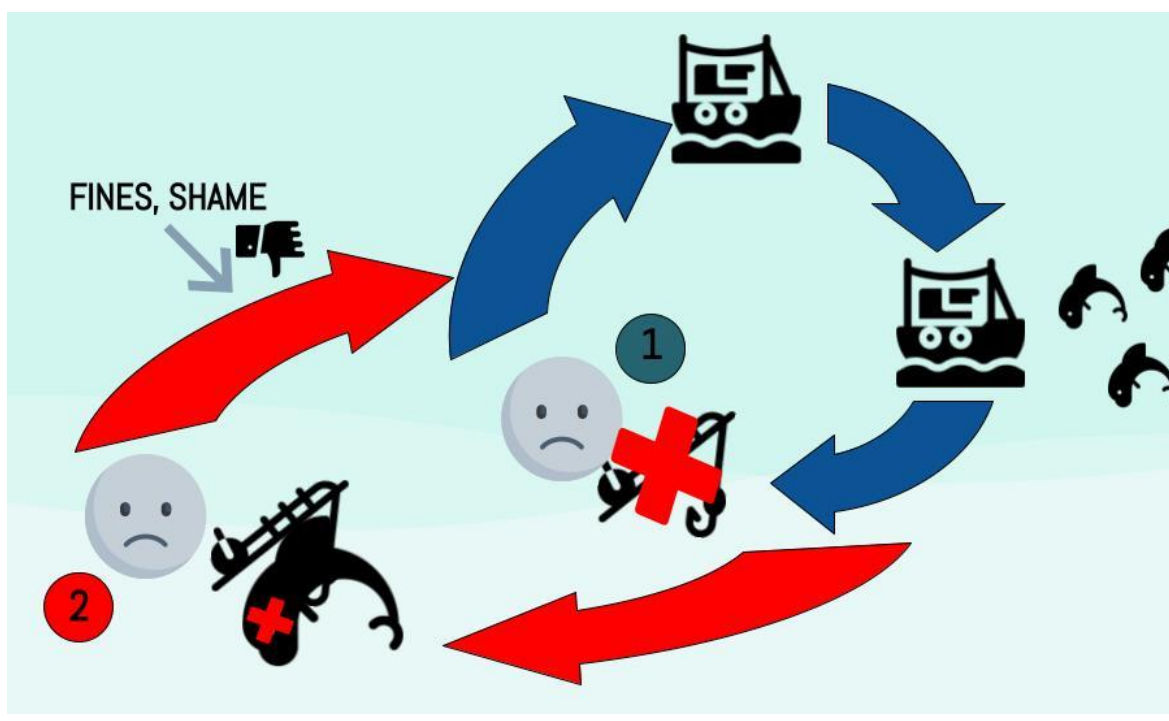


V2V Graduate Student in Action: Emily Filinska

[Emily Filinska](#), a V2V graduate student from the University of Waterloo and a member of V2V editorial team, shared the following key findings of her research titled “**Cetacean-fisher Bycatch Loop**”:

This image illustrates the unsustainable loop many fishers in small-scale fisheries are stuck in when dealing with direct cetacean (dolphin, whale, and porpoise) bycatch. Direct

bycatch of cetaceans involves cetaceans becoming entangled in fishing gear (ex. nets or hooks) and excludes cases where cetaceans do not come directly in contact with fishing gear. The beginning of the loop demonstrates fishers preparing their gear and heading out to fish for the day. While out fishing, they potentially encounter a pod of dolphins. If bycatch occurs and a dolphin becomes entangled in fishing gear, fishers may still be able to remove the dolphin. However, dolphins and other cetaceans largely damage gear while being extracted. This is illustrated by the 1st pathway in the loop where the fishers are left with damaged gear. Another possibility is that the dolphin dies in the fishing gear and cannot be removed. Fishers are then left to deal with the dolphin, as well as their damaged gear. When a dolphin body is discovered, fishers are typically faced with serious legal consequences including fines or even jail time. On top of these legal ramifications' fishers are shamed and scrutinized for the incident. This is illustrated by the 2nd pathway. These cetacean bycatch interactions continue in a loop because no matter if the 1st or 2nd occur, fishers still need to fish the next day. They do not receive support for bycatch incidents and yet deal with the financial and emotional consequences. This unsustainable loop needs to be addressed through appropriate bycatch policies to help support fishers and allow them to co-exist with cetaceans.



Affiliated Student Researchers and V2V Graduate Student in Action

Three affiliated student researchers from the University of Waterloo and a V2V graduate student from the Indian Institute of Technology Kharagpur shared the key findings of their researches in the following blog articles:

- Galappaththi, M. (2021, October 26). Towards a ‘thick description’ of gender relations: a new framework based on dried fish value chains. *GAFS*. <https://www.genderaquafish.org/2021/10/26/towards-a-thick-description-of-gender-relations-a-new-framework-based-on-dried-fish-value-chains/>
- Galappaththi, M., Ghorpade, S., & Hill, L. (2021). Calls for critical reflection on colonial aspects of sustainability research: Learnings from a student-led initiative. *Poplar & Ivy*. <https://www.shackletontrust.org/calls-for-critical-reflection-on-colonial-aspects-of-sustainability-research>
- Ghosh, R. (2021, July 29). Ethos of a sinking space: Fishers in Sundarbans surmount tiger attacks, bureaucracy to earn livelihoods. *DownToEarth*. <https://www.downtoearth.org.in/blog/environment/ethos-of-a-sinking-space-fishers-in-sundarbans-surmount-tiger-attacks-bureaucracy-to-earn-livelihoods-78175>



5th

Country in Action: Japan
Japan International Fisheries Research Society (JIFRS) Conference 2021

V2V graduate student, [Ryoichi Kato](#), presented his work at the [Japan International Fisheries Research Society \(JIFRS\) Conference 2021](#) on September 5th. The talk was about his ongoing study that aims to clarify the actual status of implementing the SSF Guidelines in Japan and analyze the issues in small-scale fisheries governance. Inspired by [Said and Chuenpagdee's research \(2019\)](#), his study examines major fishery-related laws and regulations, such as the Fisheries Act, the Fisheries Cooperative Act, and the Basic Act on Fisheries, and compares them with the SSF Guidelines by analyzing the terms, words, ideas, and principles in those policy documents.



Country in Action: India
Delft International Conference on Sociohydrology

V2V member, Prof. [Jenia Mukherjee](#), together with two V2V graduate students, [Shreyashi Bhattacharya](#) and [Raktima Ghosh](#) (all from the IIT Kharagpur research team) participated at the [Delft International Conference on Sociohydrology](#), held between the 6th and 8th of

September 2021. Prof. Mukherjee chaired three cross-thematic sessions where intersections between socio-hydrology and hydro-social research were addressed along with a wide variety of innovative methodologies. Raktima presented her paper on multi-scalar relationships between eco-geomorphology and hydro-sociality in the context of (un)fixed fluid-scapes. Shreyashi presented on unchoking storylines across pillaged hydro-scapes of the Adi Ganga. The team is looking forward to optimizing this opportunity for establishing connections between the socio-hydrology network and the V2V network by overlapping areas of interest: coastal waters and livelihoods.

1. Motivation

2

Human-(flood)water relation in the hybrid socio-nature

V2V Postdoctoral Fellow in Action: Dr. Ana Carolina Esteves Dias

Reconciling conservation and fisheries with Dr. Ana Carolina Esteves Dias

On this episode of The Fisheries Podcast, co-host Mirella Leis speaks with guest Dr. [Ana Carolina Esteves Dias](#), a postdoctoral fellow and a member of V2V's secretariat, about the importance of

including fishers in the conversation about environmental governance if we are to move together towards a viable and sustainable future.

[Listen to This Podcast](#)

Country **in** **Action:** **Bangladesh**

By: Sabiha Ahmed | Early Career Researcher, University of Liberal Arts
Bangladesh, Bangladesh

[The Center for Sustainable Development \(CSD\) - ULAB](#) has prepared the V2V Situational Analysis report on Small Scale Fisheries (SSF) of Bangladesh based on existing and ongoing research and literature from secondary sources (from 2011 to 2021). The report focused on SSF according to a geographic location within the country, such as rivers and coastal areas.

Here, we highlight three interesting and noted insights from the Situational Analysis report from Bangladesh. First, is the fact that one species of fish (Hilsa) ... [Read more [here](#)]



Country **in** **Action:** **Bangladesh**

By: Jannat Shancharika Suchi | Undergraduate student, University of Liberal Arts
Bangladesh, Bangladesh

Vulnerabilities in Small Scale Fishing Communities - Bangladeshi Perspective

Bangladesh is a riverine country which is constituted by three main river systems called Ganges, Brahmaputra and Meghna. Bangladesh's aquaculture production is continuously growing, which includes island fish production, but the marine and coastal fisheries have a huge production as well. According to FAO (2021), the total fish production contributes 4% of the GDP, and this contribution normally is made by the small-scale fisheries (SSF) of Bangladesh. In the Bangladesh context, small-scale fisheries ... [Read more [here](#)]



The IIT Kharagpur team received the CLOC (Clusters of Cooperation in the Global South) Knowledge to Action Small-Grants from Swissnex

Under the leadership of Prof. [Jenia Mukherjee](#), the IIT Kharagpur team received the Clusters of Cooperation in the Global South (CLOC) funding from [Swissnex](#). The grant (\$2,400 USD) has been given for the implementation of action-oriented research in selected fishing villages of the Indian Sundarbans. The team aims to analyze discrete sets of challenges/constraints and opportunities for a disparate group of fishers and involve the conversion of academic research outputs into tools that supports awareness, advocacy and transformation in the Indian Sundarbans. The CLOC will bridge DFM and V2V components very effectively and it can be beneficial for long-term collaborative opportunities, connecting Europe, Canada and India.

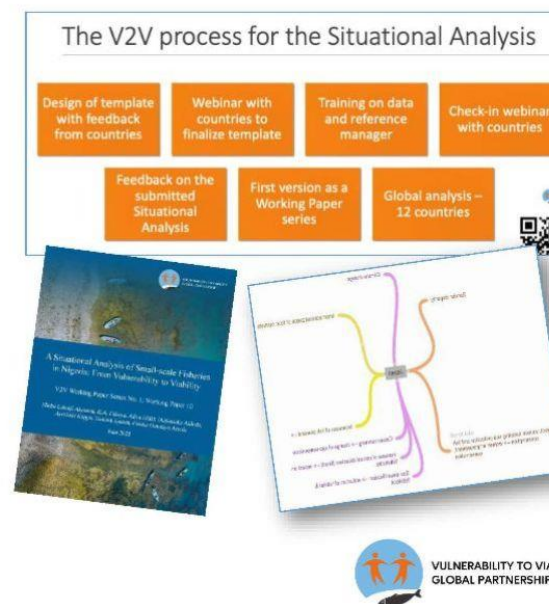
Situational

Analysis

Efforts are ongoing to understand the situation of SSF in our 12 country contexts and a global transition from vulnerable to viable SSF. Country teams are working on revisions of their Situational Analysis materials and these will be published on the V2V website as part of the V2V Working Paper Series. Country teams are also updating their ZOTERO accounts. ZOTERO basic training resources are available here: [Zotero Basics Training](#) [YouTube link]. If you need further assistance, you can contact [Ana Carolina Esteves Dias](#). Moreover, the co-leads of the Situational Analysis, Ana Carolina Esteves Dias and [Derek Armitage](#), are working on a collaborative plan to conduct a global analysis on V2V. Stay tuned for more details and opportunities for collaboration! Finally, we encourage all countries to use their Situational Analysis to produce other scientific, policy, and public engagement outcomes.

Situational Analysis

- ✓ Understanding the country context to foster SSF transition from vulnerability to viability
- ✓ Foundation for generating knowledge through a co-development process
- ✓ Core, intertwined and multiple drivers of vulnerability in SSF
- ✓ Trade-offs causing vulnerabilities and viabilities in other domains



I-ADApT

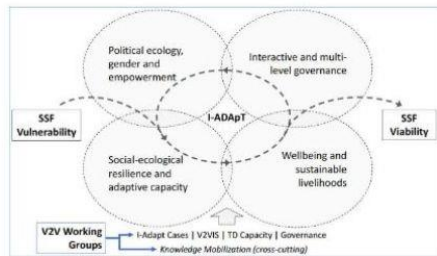
Working

Group

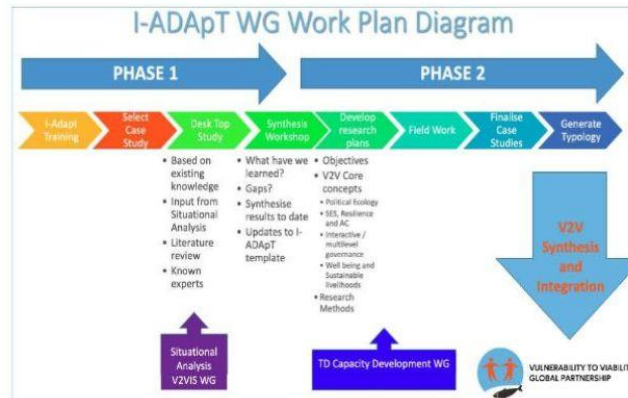
The Working Group is progressing the discussion on the country case studies that will be assessed by I-ADApT as a key methodological approach. Countries have been discussing key theoretical advances needed to co-develop V2V I-ADApT, as well as progressing in their own case studies. Country teams can request one-on-one meetings with the [I-ADApT](#)

Working Group co-leads to discuss context-specific issues to each case study. The WG is also developing a tool kit with information and key resources developed by the group on how to apply I-ADApT. Watch out for more!

I-ADApT

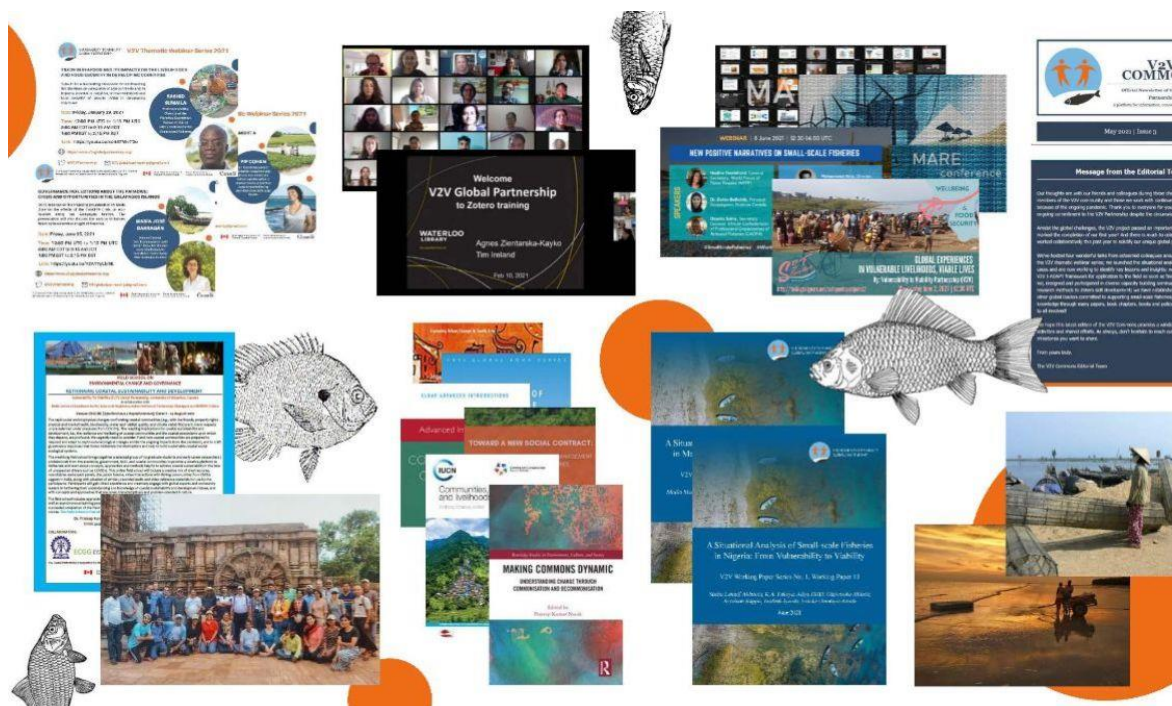


- Build I-ADApT through case studies in addition to the V2V country specific case studies
- Secondary data and primary case study research
- Explore options for typology development, representation and communication



V2V Action on Knowledge Mobilization

The photo below shows the knowledge mobilization activities that we as V2V have been involved in over the past year. It is really amazing when you step back and think about what has been accomplished. Thematic webinars have been a wonderful opportunity for us as a team to engage with a wide range of experts and learn from their expertise on different dimensions of issues facing Small-scale Fisheries. We often have great question and answer sessions as part of the webinars, even though we are so far removed from each other we still have a lot of engagement and questions and dialogue. This sets a foundation for the voice of V2V. We have had a whole series of project webinars that have a lot to do with capacity development and knowledge mobilization and have been widely attended with participation from the V2V members. We are also developing a new working paper series with a Situational Analysis and will have many other opportunities for other working papers. Many V2V team members are busy publishing peer-reviewed journals, policy briefs, books and more. It is good to note that the V2V Commons Newsletter is a one-stop place you can go to get a sense of all the activities V2V is taking part in as a team.



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Read more!

