**TRAINING WORKSHOP**

**“Transdisciplinarity in Fisheries & Ocean Sustainability”**

Sylhet Agricultural University, Bangladesh

**August 24-29**, 2019

**CONCEPT NOTE, TENTATIVE AGENDA & HOW TO APPLY**

Why transdisciplinary approach?

### The transdisciplinary approach argues that the problems and priorities in fisheries, ocean and environmental governance require a broadening of perspectives that cut across academic disciplines, bridge division between scientific and local knowledge, and bring about innovation in teaching and learning. This is especially the case where small-scale fisheries play a prominent role in the production and supply of fish and seafood, as well as in supporting livelihoods and providing jobs to the local communities. The transdisciplinary perspective is particularly important when dealing with the ‘wicked problems’ in small-scale fisheries governance, due mostly to insecure tenure rights, lack of livelihood options, poor access to markets, and marginalization of small-scale fishers in decision-making. When adding other uses of the ocean and the tendency for governments to support development agenda that may not be sustainable, the problems become ‘super wicked’. Thus, building transdisciplinarity capacity at local, national and international levels is imperative in order to overcome these challenges, as well as to help promote viability of coastal communities, and the overall sustainability of fisheries and ocean. Specifically, the transdisciplinary approach is also required to facilitate the implementation of the [**Voluntary Guidelines for Securing Sustainable Small-Scale Fisheries in the Context of Food Security and Poverty Eradication**](http://www.fao.org/3/i4356en/I4356EN.pdf) ([SSF Guidelines](http://www.fao.org/fishery/ssf/guidelines/en)) and to achieve the [Sustainable Development Goals (SDGs)](http://www.undp.org/content/undp/en/home/sustainable-development-goals.html).

About the TD training program

The transdisciplinary (TD) training program is developed by the *‘Too Big To Ignore’ Global Partnership for Small-Scale Fisheries Research* (TBTI; toobigtoignore@net). The objective of the training is to expose participants to a range of issues, challenges and concerns related to fisheries, ocean and environmental sustainability, especially those affecting small-scale fisheries, as well as to deepen the understanding about their causes and effects, and to broaden the perspective about how to address them. Since transdisciplinarity is mostly about process, participants will learn leadership, problem-solving, facilitation and conflict resolution skills, learn to lead discussion and recognize group dynamics, as well as any power imbalance, and learn to communicate effectively with different stakeholders from various background. Some of the personal traits that the training will promote among participants are respect, empathy, fairness and open-mindedness.

The TD training workshop will begin with a series of lectures on theories and main concepts, such as transdisciplinarity, wicked problems, stakeholders, governance, governability, and sustainability, accompanied by exercises and practical to facilitate learning. A case study analysis is an important aspect of the training, and thus participants will be working in small groups to analyse the case studies using the frameworks learned, including stakeholder analysis, institutional analysis, and governability assessment.

The workshop will be facilitated by a team of researchers and instructors associated with TBTI, who have a broad range of expertise on fisheries and ocean governance. The book “Transdisciplinarity for Small-Scale Fisheries Governance: Analysis and Practice” (Chuenpagdee & Jentoft (eds) (2018) will be used as the main textbook.

**Target group**: The TD training workshop in Sylhet is organized in conjunction with the [1st International Conference on Sustainable Fisheries (ICSF)](http://icsf.sau.ac.bd/), which will take from August 26-28, in order to facilitate participation of scientists, practitioners, students and others who are already planning to attend the ICSF. The first two days of the workshop will happen prior to the ICSF, with the expectation that the workshop participants will attend the conference. The conference field visit to the wetlands on August 28th is an integral part of the TD workshop, and the last day of the workshop will be on August 29th. People interested in the workshop should have background and knowledge about fisheries, ocean and environmental issues. Participants will be asked to present a ‘case study’ on the issue(s) that they are dealing with or would like to resolve.

**Cost**: There is no lecture fee and the teaching/learning materials will be provided to the participants free of charge. The workshop will cover lunches and breaks. International participants will also be offered free accommodation on campus. However, participants are expected to cover their own travel, and other meals, as well as take care of their own visa arrangement. A small number of scholarships are available for participants whose abstracts are accepted for presentation at the ICSF. Given the theme of the conference, "Wetlands Fisheries for Food Security", priorities will also be given to participants from countries where wetlands fisheries dominate.

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DRAFT PROGRAM

**Day 1: Saturday, August 24th**

| **Time** | **Topic** | **Instructor/Notes** |
| --- | --- | --- |
| 09:00 – 10:30 | Welcome, introduction and review of the training objectives and agenda | Ratana Chuenpagdee and Mahmud Islam |
| 10:30 – 11:00 | Break |  |
| 11:00 – 12:30 | Why TD? Theoretical grounding | Svein Jentoft |
| 12:30 – 13:30 | Lunch |  |
| 13:30 – 15:00 | Unpacking interactive governance and governability | Svein Jentoft |
| 15:00 – 15:30 | Break |  |
| 15:30 – 17:00 | 3-minutes case study presentation by participants | Participants should prepare to present their case study WITHOUT using any slide – just tell the story! |
| 17:00 – 17:30 | Summary and wrap-up | Ratana Chuenpagdee and Mahmud Islam |

**Day 2: Sunday, August 25th**

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| **Time** | **Topic** | **Instructor/Notes** |
| 09:00 – 10:30 | TD for the implementation of SSF Guidelines | Svein Jentoft |
| 10:30 – 11:00 | Break |  |
| 11:00 – 12:30 | The ‘what’ and the ‘how’ of TD | Ratana Chuenpagdee |
| 12:30 – 13:30 | Lunch |  |
| 13:30 – 15:00 | Risks and vulnerability of small-scale fisheries | Mahmud Islam |
| 15:00 – 15:30 | Break |  |
| 15:30 – 17:00 | Introduction to the case study and the field work exercises | Local team |
| 17:00 – 17:30 | Summary and wrap-up | Ratana Chuenpagdee and Mahmud Islam |

August 26-27: 1st International Conference on Sustainable Fisheries (ICSF)

**Day 3: Wednesday, August 28th**

| Time | Topic | Instructor/Notes |
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| 09:00 – 17:00 | Field visit and group work and preparation for the report back | Participants |

**Day 4: Thursday, August 29th h**

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| --- | --- | --- |
| Time | Topic | Instructor/Notes |
| 09:00 – 10:30 | Group report back and discussion | Participants |
| 10:30 – 11:00 | Break |  |
| 11:00 – 12:30 | Blue Justice in Blue Economy | Svein Jentoft |
| 12:30 – 13:30 | Lunch |  |
| 13:30 – 15:00 | Regional collaboration for fisheries sustainability | Ratana Chuenpagdee and Mahmud Islam |
| 15:00 – 15:30 | Break |  |
| 17:00 – 17:30 | Sharing TD lessons and reflections | Ratana Chuenpagdee and Mahmud Islam |

**Readings**:

Chuenpagdee, R. and Jentoft, S. (2018) Transcending fisheries knowledge: from theory to integration. In Chuenpagdee and Jentoft (eds.). Transdisciplinarity for Small-Scale Fisheries Governance: Analysis and Practice. MARE Publication Series 21, Springer, Switzerland.

Chuenpagdee, R. and Jentoft, S. (2018) Transforming the governance of small-scale fisheries. Maritime Studies 17(1): 101-115 <https://doi.org/10.1007/s40152-018-0087-7>

FAO. 2015. Voluntary Guidelines for Securing Sustainable Small-Scale Fisheries in the context of Food Security and Poverty Eradication. Rome, Italy: United Nations. <http://www.fao.org/documents/card/en/c/I4356EN>

Islam, M. M. and Chuenpagdee, R. (2013). Negotiating risk and poverty in the Sundarbans mangrove fishing communities of Bangladesh. MAST Maritime Studies 12:7

Jentoft, S., and Chuenpagdee, R. (2009) Fisheries and coastal governance as a wicked problem. Marine Policy 33: 553-560.

Jentoft, S. (2014). Walking the talk: Implementing the International Voluntary Guidelines for Small-Scale Fisheries. Maritime Studies, <http://www.maritimestudiesjournal.com/content/13/1/16>

Jentoft, S. and Chuenpagdee, R. (2015). Assessing Governability of Small-Scale Fisheries. In Jentoft and Chuenpagdee (eds.) Interactive Governance for Small-Scale Fisheries: Global Reflections. Springer, Switzerland.

Lang et al. (2012). Transdisciplinary research in sustainability science: practice, principles, and challenges. Sustainable Science 7 (Supplement 1): 25–43.

Said, A., Chuenpagdee, R., Aguilar-Perera,A., Arce-Ibarra, M., Gurung, T.B., Bishop, B., Léopold, M., Márquez Pérez, A.I., Gomes de Mattos, S.G., Pierce, G.J., Nayak, P.K., and Jentoft, S. (2018). The principles of transdisciplinary research in small-scale fisheries. In Chuenpagdee and Jentoft (eds.). Transdisciplinarity for Small-Scale Fisheries Governance: Analysis and Practice. MARE Publication Series 21, Springer, Switzerland.

Song, A., Bower, S., Onyango, P., Cooke, S., Akintola, S., Baer, J., Gurung, T., Hettiarachchi, M., Islam, M., Mhlanga, W., Nunan, F., Salmi, P., Singh, V., Tezzo, X., Funge-Smith, S., Nayak, P., and Chuenpagdee, R. (2018). Intersectorality in the governance of inland fisheries. Ecology and Society 23(2): 17. [online] URL: <https://www.ecologyandsociety.org/vol23/iss2/art17/>

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Application

*Before answering these questions, carefully review the background information provided above*. Be sure to complete all questions in this form. If more space is needed, additional pages of the same size may be attached.

Please send the registration form to: [toobigtoignore@mun.ca](mailto:toobigtoignore@mun.ca). Early registration is strongly recommended as space is limited.

**Application deadline: June 30th, 2019.**

If you have any questions, please contact [toobigtoignore@mun.ca](mailto:toobigtoignore@mun.ca).

1. Name (Given Name, Surname)
2. Email
3. Affiliation (e.g. organization name and address, including country)
4. Profession (e.g. student, government or private sector employee, post-doctoral fellow etc.)
5. When you think of the word ‘transdisciplinarity’, what are some of the key words and ideas you associate with it?
6. Provide a short paragraph (100 words max) about why you are interested in this course and how it would help you in your career?
7. In the space below, please provide a brief description (100 words max) of a problem or a situation in fisheries and ocean that you are familiar with, which you would like to use as your case study for the training workshop.

I certify that all the information supplied in this application is accurate and complete.

|  |  |
| --- | --- |
| Signature of applicant | Date |
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