

**Professional Development Seminar on Modeling Strategies and Decision-Support Tools
For the Management of Complex Socio-Ecological Systems**

18 – 22 August 2014 – Panama City, Panama

AGENDA (13/08/2014)

17 AUGUST (SUNDAY)

Arrivals

Check in (hotel)

14:00 – 18:30 - Committee Meeting

18 AUGUST (MONDAY)

8:30 – 8:45 - Welcome and introduction to the seminar program

8:45 – 11:00

LoI and Full proposal

TISG full proposal presentation (10 minutes each team x 7 teams)

Review committee feedback

10:45 – 11:00 - Coffee Break

11:00 – 13:00

TISG full proposal presentation and review committee feedback continues

Calendar of activities for TISG activities

13:00 – 14:30 - Lunch

14:30 – 16:00

Competitive Transdisciplinary Proposal Development: Using Conceptual Frameworks as an Integrating Tool

Kathy Halvorsen

16:00 – 16:15 - Coffee Break

16:15 – 18:15

How to address common problems and difficulties in transdisciplinary proposal development: understanding knowledge problem formulation

Improving communication and interpersonal skills

Strengthening transdisciplinary teamwork

Conation workshop

Tom Seager

After 18:15 - Teams working on their full proposals

19 AUGUST (TUESDAY)

8:30 – 9:15

Conceptualization of a problem - The use of the 3 techniques taking the example of the water quality of Lake Atitlán

Edwin Castellanos, Tom Seager/Valentina Prado, Moira Zellner, Daniel Castillo

9:15 – 10:15

Working groups - The use of the 3 techniques taking the example of the water quality of Lake Atitlán

Application of each technique to a common problem or to a specific part of a problem/Benefits and suitability of each technique

Participants

10:15 – 10:30 - Coffee Break

10:30 – 11:30 - Plenary - Presentation of working groups, feedback and discussion

11:30 – 12:15

Working groups - The use of the 3 techniques taking the example of the water quality of Lake Atitlán

Application of each technique continues and incorporation of feedback

Participants

12:15 – 13:00 - Plenary - Presentation of working groups and final discussion

13:00 – 14:30 - Lunch

14:30 – 15:00

Conceptualization of the problem and the TISG proposals: challenges and how to strengthen the framing of the research questions and approaches

Organizers: Common problems identified, suitability of approaches

15:00 – 16:30 - TISG teams working on their full proposals - meeting with tutors

16:30 – 16:45 - Coffee Break

16:45 – 18:00 - Teams working on their full proposals - meeting with tutors

After 18:00 - Teams working on their full proposals

20 AUGUST (WEDNESDAY)

8:30 – 9:45

Elinor Ostrom's economic governance of the commons

Daniel Castillo, Edwin Castellanos, Tom Seager

9:45 – 10:15

Science Diplomacy in Latin America

Marga Gual Soler, Center for Science Diplomacy/American Association for the Advancement of Science (AAAS)

10:15 – 10:30 - Coffee Break

10:30 – 12:00

Panama Decision makers panel - Focus on science-policy interface (3 panelists: 10 minutes each + 60 minutes questions+discussion)

Edwin Castellanos, chair

2-3 general questions:

- 1) What problems do you face in making decisions that science can help overcome? How can science contribute to this process? Where do you seek scientific input for your decision making?
- 2) What obstacles have you encountered in the science-policy interface? How have you overcome these obstacles? Can you give examples? How can scientists and decision makers work together and collaborate?
- 3) How the construction and expansion of the Panama Canal (and socioecological problems it may have caused) has contributed to the development of science in the country (i.e. research programs, etc)? Can you give examples?

12:00 – 13:30 - Lunch

13:30 – 17:30 - Field trip to the Panama Canal

Schedule	Activity	Place	Responsable
13:30	Departure from Hotel Continental	Esclusas de Miraflores, Canal de Panamá	Anselmo / Marcella/ Mariana
17:30	Return to the Hotel Continental	x	x

After 18:00 - Teams working on their full proposals

21 AUGUST (THURSDAY)

8:30 – 10:00

Conceptualization of a policy relevant problem and the framing of a research project (wrapping up previous talks re- conceptualization and decision making)

Claudia Natenzon and Guillermo Podestá, chairs

Experiences, examples and lessons learned, Daniel Castillo, Moira Zellner, Edwin Castellanos, Tom Seager

10:00 – 10:15 - Coffee Break

10:15 – 13:00 - Teams working on their full proposals – meeting with tutors

13:00 – 14:30 - Lunch

14:30 – 16:45 - Teams working on their full proposals – meeting with tutors

16:45 – 17:00 - Coffee Break

17:00 - FINAL Submission of full proposals

17:00 – 18:30

Working groups: Transdisciplinary research and Science-Policy interface (input for the IAI Science Programs); Capacity Building Follow up activities (input for the IAI Capacity Building Program)

Participants

Organizers: Review committee meeting

20:00 - Farewell dinner

22 AUGUST (FRIDAY)

08:00 – 09:00 - Organizers: Review committee meeting

09:00 – 10:45

Presentation of working groups and discussion

Evaluation of the Panama seminar program and activities and TISG program

10:45 – 11:00 - Coffee Break

11:00–12:00 - Final meeting of TISG teams: future plans

Organizers: Review committee meeting

12:00 – 12:15 - Adjourn

Lunch

Afternoon

Organizers: Review committee meeting (if necessary) to conclude review of all proposals