

Session 4

Global Sustainability

Governance

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Themes of the Session

- Case studies of **trans-disciplinary research practices to address complexity of human-nature interaction** (conference objective 2)
- The possibilities and challenges of an effective **collaboration between civil society, industry, government and academia** (conference objective 4)
- The central issues and challenges of global sustainability giving equal attention to the **perspectives of the South** (conference objective 5).

Focuses on the Session

- Basis of sustainability science – **trans -disciplinary research practices to address complexity of human-nature interaction**
- Governance perspective
Multiple actors (agencies, stakeholders) - multiplicity of interests/ framing/ directions
ex. perspectives of “south”, NGOs....
- **Value judgment** (multiplicity of directions/ interests/ framing)+ Doushouimu (同床異夢“**same bed, different dreams**” = accommodation of interests)
- Global scale
Inter-linkages among multi levels (global, regional, national, local)

Dimensions of GSG

- **International coordination** with **multiple levels/ layers**
- Coordination with **non-state actors** (NGOs, firms, PPP...) - accountability and legitimacy issues
- **Inter-regime** (cross-sectoral) coordination - need for **co-evolution**
- Coordination of **science/ technology** and politics – **uncertainty** and **trade offs** (even though innovation can produce win/ win)

Coordination or Process

Understanding of Sustainability – “Doushouimu”+ Value judgment

- It is not necessary for all the actors involved in the decision-making to share the same interests – possibility of “sharing the same bed, but dreaming different dreams (Doushouimu : 同床異夢)”
- Brundtland Commission report "Our Common Future" - sustainability requires achievement of policy objectives of many dimensions, such as, population and human resources, food security, species and ecosystem, energy, industry, and the urban challenge.
- Finding the common framework for simultaneous achievement of various policy objective is necessary for sustainable development- for which “same bed, different dreams” has some roles, even though some "dreams" (“nightmare”?) need to be adjusted as a result of value judgment.

Organization of the Session

- Methodologies

Prof. Ruben Zondervan: Earth System Governance

Prof. Roland W. Scholz: Transdisciplinary Case Study

- Perspective of South/ NGO

Ms. Victoria Tauli Corpuz

- Cases

Dr John Thompson: Food and agriculture in Africa

Dr. Heike Schroeder: Forest governance

Ms. Andrea Ulrich: Phosphorus governance