



TOWARDS INTEGRATED SCIENCE, ASSESSMENT AND MONITORING FOR THE RIO CONVENTIONS

**Tuesday 9 October
10:00 – 20.00, Rio Conventions Pavilion**

This full-day event in the Rio Conventions Pavilion will focus on the importance of integrated science across the Rio Conventions, including perspectives on observations/monitoring, research, assessments, and science needs for ecosystem-based adaptation.

11:30 – 12:45

Novel science-based approaches to assessing and responding to the biodiversity crisis

Facilitator: Veronica Lo, Secretariat of the Convention on Biological Diversity (SCBD)

- The GEO BON Aichi Initiative: A Global biodiversity observation initiative in support of the CBD: *G. Sarantakos (Group on Earth Observations - GEO)*
- Tropical Ecosystem Assessment and Monitoring Network: *Linda Krueger (TEAM)*
- Ocean Health Index: *Jonas Rupp (Conservation International)*
- The function of biodiversity for different social actors: *DiverSus Collaborative Research Network: Natalia Perez-Harguindeguy (Inter-American Institute for Global Change Research)*
- The Role of Integrated Science in Achieving the Aichi Biodiversity Targets : *Braulio Ferreira de Souza Dias, Executive Secretary, SCBD*

13:15 – 14:30

How integrated science can support the goals of the Rio Conventions

Facilitator: Anne Larigauderie, DIVERSITAS

- Biodiversity Science Evolves: *Anne Larigauderie (DIVERSITAS & Future Earth)*
- Using scenarios to anticipate, mitigate and adapt to future changes in biodiversity and ecosystem services: *Paul Leadley (Université Paris-Sud & DIVERSITAS)*
- Restoration Science: *Thomas Lovejoy (Heinz Center)*
- Developing science-based knowledge for sustainable biodiversity management: examples from India: *Harini Nagendra (Ashoka Trust for Research in Ecology and the Environment)*

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15:00 – 16:15

Advancing the practice of vulnerability assessment for ecosystem-based adaptation to climate change

Opening remarks: Neville Ash (UNEP)

- Incorporating ecosystem-based approaches and conducting vulnerability assessments for India's Climate Change Action Plans: *Preeti Soni (UNDP India)*
- Vulnerability assessment and response measures to climate change: South Africa's experience with ecosystem-based approaches (*Valinavho Kavhagali, Department of Environmental Affairs, South Africa*)
- Incorporating ecosystem resilience into vulnerability impact assessment: experience from EBA in Mountain Ecosystems Programme in Peru, Uganda and Nepal: *Caroline Petersen (UNDP)*

15:00 – 16:15

Are we developing a growing body of convincing evidence on the effectiveness of EBA?

Facilitator: Caroline Petersen (UNDP)

Panelists:

- *Neville Ash (UNEP)*
- *Xola Mkefe (Department of Environmental Affairs, South Africa)*
- *Trevor Sandwith (IUCN)*
- *Marc Spiekermann (BMU Germany)*
- *Nik Sekhran (UNDP)*

16:30 – 18:00

Science-policy interface for collaborative management of international waters

Outcomes of the GEF International Waters Science Conference 2012 will be presented, and possible strategic outcomes for the International Waters focal area of the next phase of the GEF and relevant areas under the Rio Conventions will be discussed

Jackie Alder (UNEP) and Nicole Glineur (Global Environment Facility)