

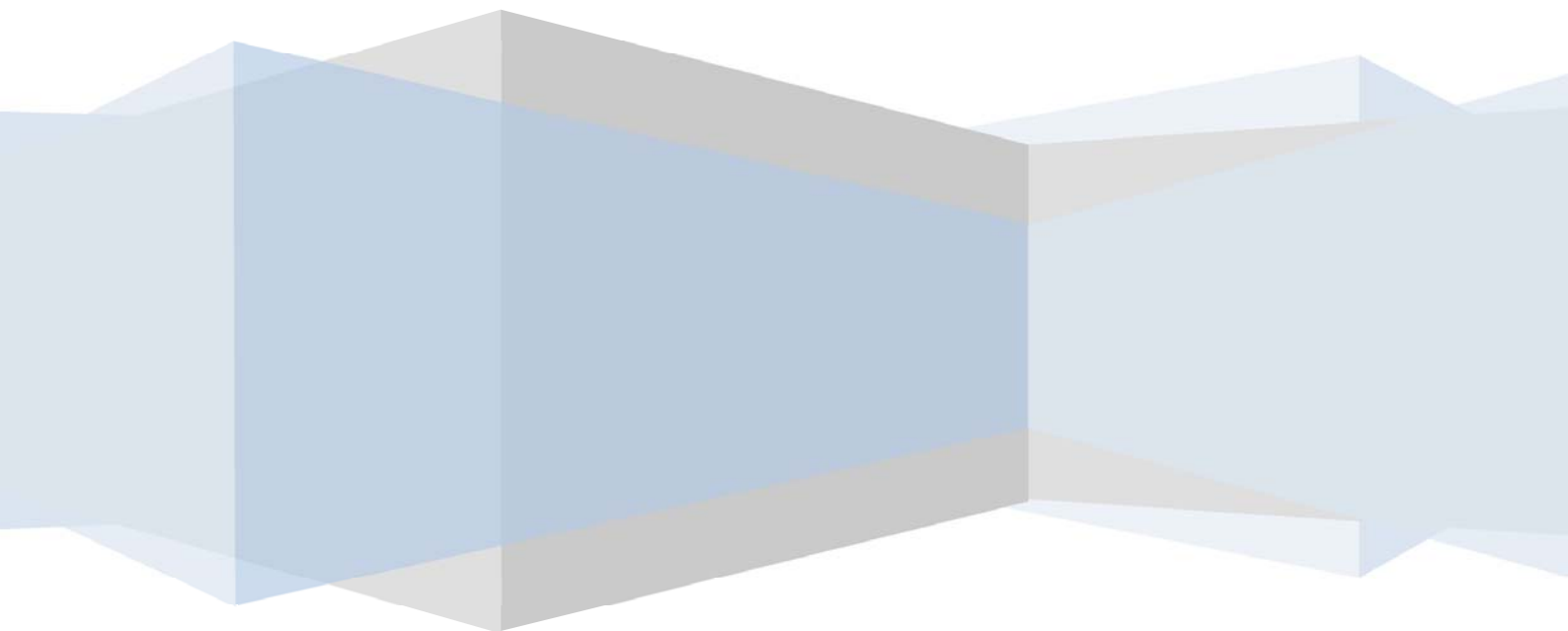
Asia-Pacific Network for Global Change Research



# Agenda for the APN Gap Analysis Scoping Workshop

Biodiversity and Ecosystems Services  
in the Asia-Pacific Region

13-15 February 2011, UNU, Tokyo, Japan.



**APN Gap Analysis Scoping Workshop:  
Biodiversity and Ecosystem Services in Asia and the Pacific  
(APN-BGASW)**

**DRAFT AGENDA (Final)**

**I Preamble:** There is a high risk of dramatic biodiversity loss and accompanying degradation of the functioning of ecosystems if they are pushed beyond certain thresholds or tipping points. The poor would face the earliest and most severe impacts of such changes, but ultimately all societies and communities would suffer. With this in mind, the ultimate objective of the scoping workshop will be to identify the main issues and drivers of biodiversity loss/ecosystem functioning for the Asia-Pacific region based on available resources and, essentially, provide a **Gap Analysis** that will guide an appropriate research agenda and inform decisions on investment in scientific capacity development for the APN, particularly for *Terrestrial Ecosystems, Marine and Coastal Ecosystems; and Freshwater Ecosystems*.

**II Work in Advance:** Questions to be addressed by expert participants

1. **VULNERABILITY & PREDICTIONS:** In view of the widespread thresholds, amplifying feedbacks and time-lagged effects leading to “tipping points,” in the vulnerability of biodiversity and ecosystems, and how can we effectively address accurate predictions of the impacts for the Asia-Pacific region?
2. **IMPACTS:** Biodiversity and ecosystem changes could be prevented, significantly reduced or even reversed if strong action is applied urgently, comprehensively and appropriately, at international, national and local levels. This action must focus on addressing the direct and indirect factors driving biodiversity loss, and must adapt to changing knowledge and conditions. If the most severe impacts are to be avoided, how can the challenges of global change-driven biodiversity loss be addressed by:
  - a. Policy- and decision-makers?
  - b. Managers and practitioners?
  - c. Academia and the scientific research community?
  - d. The international community (IPCC, IPBES, CBD, MEA, etc.)?
  - e. Indigenous/local communities?
3. **ADAPTATION & MITIGATION:** In the climate change context, reducing further loss of, for example, carbon-storing ecosystems will be a crucial step in limiting the build-up of greenhouse gases in the atmosphere. At the same time, reducing other pressures on ecosystems, through for example ecosystem and biodiversity conservation, can increase their resilience, make them less vulnerable to the impacts of climate change and allow them to continue to provide services to support people’s livelihoods and help them adapt to climate change. With this in mind, what are some of the best practices (or how can best practices be identified?) existing in the Asia-Pacific region?

### **III Scoping Workshop Agenda:**

#### **DAY ONE**

##### **Session 1: Opening Session (Chair: T. Fujitsuka)**

- 09:00-09:15 Welcome Remarks:  
*Prof. Kazuhiko Takeuchi, UNU, and Mr. Yukihiro Imanari, APN Secretariat*
- 09:15-09:30 Group Photograph
- 09:30-09:45 Participants Self Introduction
- 09:45-10:00 Outline and Objectives of the Workshop  
*Dr. Andrew Matthews, New Zealand National Commission for UNESCO, New Zealand, APN National Focal Point and Scientific Planning Group Member for New Zealand*
- 10:00-10:30 Coffee Break**

##### **Session 2: Setting the Scene with Personal Perspectives (Chair: W.A. Matthews)**

- 10:30-10:50 Biological Diversity & Global Change: What is Biological Diversity & what is its intrinsic relationship to Global Change?:  
*Professor Ian Spellerberg, Lincoln University, New Zealand (20 min)*
- 10:50-11:10 Biodiversity & Ecosystems: The International Community & their Roles  
*Mr. Rodrigo U. Fuentes, ASEAN Centre for Biodiversity, Philippines (20 min)*
- 11:10-11:30 Global Earth Observations Biodiversity Observations Network (GEO-BON)  
*Prof. Tohru Nakashizuka, Tohoku University, Japan (20 min)*
- 11:30-11:50 Global Change Impacts on Terrestrial Biodiversity & Ecosystems  
*Mr. Marcial C. Amaro, Jr., Ecosystems Research and Development Bureau, Philippines (20 min)*
- 11:50-12:10 Global Change Impacts on Freshwater and Marine Biodiversity & Ecosystems  
*Mr. Khieu Hourt, Ministry of Agriculture, Forestry and Fishery, Cambodia (20 min)*
- 12:10-12:30 Discussion Session
- 12:30-13:30 Lunch (Bento/lunch Box Served)**

**Session 3: APN, Questionnaire Feedback and Workshop Scoping (Chair: W.A. Matthews)**

- 13:30-13:50 Safeguarding Biodiversity: Overview of APN's Activities  
*Ms. Perlyn Pulhin, APN Secretariat (20 min)*
- 13:50-14:10 Relevance & Impacts of APN Activities: 10-year Experience  
*Drs. David Skole and Jay Samek, Michigan State University, USA. (20 min)*
- 14:10-14:30 Summary of Feedback to Questionnaire  
*Mr. Yukihiro Imanari, APN Secretariat (20 min)*
- 14:30-15:30 General Discussion
- 15:30-16:00 Coffee Break**
- 16:00-16:50 Scoping Session and Plan for Working Groups  
(thematic foci; group structure; identification of group chairs/rapporteurs; deliverables)
- 16:50-17:00 Any Other Business & Close

**DAY TWO**

**Session 4: Working Group Parallel Sessions (Chair: W.A. Matthews)**

- 09:00-10:30 Working Group Parallel Sessions  
*[number of groups to be determined in Session 3, but envisage 3 working groups perhaps focussing on terrestrial (2 groups?) and freshwater/marine (1 group?) ecosystems or structured some other way?]*
- 10:30-11:00 Coffee Break**
- 11:00-12:30 Working Group Parallel Sessions Continued
- 12:30-14:00 Lunch (Bento/lunch Box Served)**

**Session 5: Reports from Working Groups (Chair: W.A. Matthews)**

- 14:00-15:00 Working Groups prepare reports and PowerPoint presentations based on results from Session 4.
- 15:00-15:20 Working Group One: Theme....  
(Chair will present report via PowerPoint/Rapporteur will deliver written report)
- 15:20-15:40 Group Two: Theme....

(Chair will present report via PowerPoint/Rapporteur will deliver written report)

15:40-16:00 Group Three: Theme.....  
(Chair will present report via PowerPoint/Rapporteur will deliver written report)

**16:00-16:30 Coffee Break**

16:30-17:20 Discussion on Working Group Presentations  
*[and next steps towards outcomes and deliverables (for morning session on Day 3)]*

17:20-17:50 Working Groups reconvene in parallel sessions  
*[Following the discussion after the Working Group Presentations, the working groups refine/modify their summaries]*

17:50-18:00 Any Other Business & Close

**18:00 Return to Hotel Floracion Aoyama**

**18:30-20:30 Reception (Hotel Floracion Aoyama)**

DAY THREE

**Session 6: Bringing the Threads Together (Chair: W.A. Matthews)**

09:00-10:15 Working Groups reconvene in parallel sessions  
*[Based on the previous day's discussions and conclusions, working groups will reconvene to revise and finalise their reports from the previous day providing a concrete set of deliverable from their respective groups]*

10:15-11:00 Discussion and Collation of Deliverables from the 3 Working Groups  
*[Producing essentially a draft Gap Analysis?]*

**11:00-11:30 Coffee Break**

**Session 7: UNU-ISP Session (Chair: K. Takeuchi, UNU-ISP)**

11:30-11:45 UNCECAR: Integrated Approach to Climate and Ecosystem Change Adaptation  
*Dr. Srikantha Herath, UNU-ISP*

11:45-12:00 Agrodiversity, Global Change and Local Livelihoods  
*Dr. Luohui Liang, UNU-ISP*

12:00-12:15 3R in Urban Sustainability  
*Dr. Akhilesh Surjan, UNU-ISP*

12:15-12:30 Discussion and Closing of the Session

***Session 8: Final Session (Chair: W.A. Matthews)***

12:30-13:45 Finalise Deliverables and Future Direction for the APN  
*[Final Gap Analysis Report, Presentation to the IGM, need for a second workshop?]*

13:45-14:00 Final Wrap-up and Closing of the Scoping Workshop

**14:00-15:00 Lunch (Bento/lunch Box Served)**