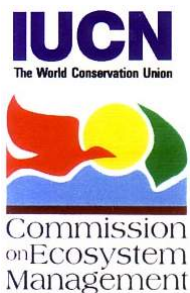




Charles University  
Environment Center



The Silva Tarouca Research Institute  
for Landscape and Ornamental Gardening

## International workshop

### Measuring the state of nature: concepts and indicators

Charles University, Prague, 19. - 20. October 2006

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#### AGENDA

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#### 18 October, Wednesday

Arrival of participants

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#### 19 October, Thursday

Perspectives on indicators of ecosystem status and sustainability

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**8:30 – 9:00 Registration of participants**

**9:00 Welcoming**

Prof. Václav Hampel, Rector, Charles University in Prague

Dr. Ladislav Miko, Director, Directorate B: Protecting the Natural Environment, Environment DG, European Commission, Brussels

Prof. Bedřich Moldan, Director, Charles University Environment Center, Prague

Mr. Simon Rietbergen, IUCN

Prof. Mohd Nordin Hasan, ICSU Regional Office for Asia and the Pacific, Kuala Lumpur

**9:30 – 11:00 Session I (Chair:)**

Biodiversity and ecosystem functioning: perspectives for the ecosystem assessment.

Prof. Shahid Naeem, Columbia University (New York, USA)

Ecosystem integrity and health: measuring the functioning of ecosystems.

Dr. Felix Müller, Christian-Albrechts-University (Kiel, Germany)

Discussion

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**Coffee Break**

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**11:30 – 13:00 Session II (Chair: Dr Holly Dublin)**

Indicators of sustainable use of ecosystems

Dr. Jon Hutton, Director, UNEP-WCMC (Cambridge, UK)

Biodiversity indicators

Dr. Jonathan Baillie, Zoological Society London, Institute of Zoology (London, UK)

Baselines, indicators and 2010 biodiversity target

Mr. Ben ten Brink, Netherlands Environmental Assessment Agency (Bilthoven, The Netherlands)

Discussion

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**13:00 – 14:00 Lunch**

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**14:00 – 15:30 Session III (Chair:)**

The need for biodiversity pressure indicators

Dr. Joachim Spangenberg, Sustainable Europe Research Institute (Germany)

Effect of land use on population numbers and Biodiversity Intactness Index

Dr. Belinda Reyers, CSIR (Stellenbosch, South Africa)

Human appropriation of net primary production

Dr. Karl-Heinz Erb, IFF Social Ecology (Vienna, Austria)

Discussion

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**Coffee Break**

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**16:00 – 17:30 Discussion and Summary of Day 1**

**Discussion:** Suggestions for the report format, discussion of main points from presentations and discussion rounds

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**17:30 – 19:30 Reception**

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**20 October, Friday**

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**Approaches to the assessment of ecosystem integrity and sustainable use**

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**9:00 – 10:30 Session IV (Chair: )**

**Discussion**

Discussion of outputs from the workshop

Are there some important indicators and concepts that are not addressed by international fora?

What should the report contain and how it should be structured?

Main topics covered by the report

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**Coffee Break**

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**11:00 – 13:00 Session V (Chair:)**

**Discussion**

Discussion of the report: workshop main topics and their reflection by the report

Ecosystem-based aggregate indicators and composite indices;

Indicators of ecosystem condition, services and sustainable use;

Ecosystem integrity and health;

Indicators of sustainable use of biodiversity;

Concepts for the assessment and monitoring of ecosystem status;

Baselines and 2010 biodiversity target.

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**Lunch**

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**14:00 – 15:30 Session VI**

**Discussion – continuing (Chair: )**

What are the main scientific concepts available for the assessment of ecosystem status?

What are main indicators used or used in perspective?

Do existing data and monitoring systems provide us with the sufficient information for the construction of meaningful indicators of the state of biodiversity and ecosystems?

What are the challenges for monitoring of ecosystem integrity and sustainable use of biodiversity?

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**Coffee Break**

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**16:00 – 17:30 Session VII Synthesis and conclusions (Chair: Prof. Mohd Nordin Hasan)**

**Discussion**

What are the best approaches to measuring and reporting on the state of nature? Scientific, economic and ethical reasons.

Review of a draft version of the report.