



## Convention on Biological Diversity

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### SECOND AD HOC TECHNICAL EXPERT GROUP ON BIODIVERSITY AND CLIMATE CHANGE

Second meeting

Helsinki, 18–22 April 2009

Item 2 of the provisional agenda\*

#### ORGANIZATION OF WORK

##### *Annotations to the provisional agenda*

#### INTRODUCTION

1. The Second Ad Hoc Technical Expert Group (AHTEG) on Biodiversity and Climate Change was established in response to decision IX/16 of the Conference of the Parties to the Convention on Biological Diversity. The purpose of the AHTEG is to provide biodiversity-relevant information to the United Nations Framework Convention on Climate Change (UNFCCC) through the provision of scientific and technical advice and assessment on the integration of the conservation and sustainable use of biodiversity into climate change mitigation and adaptation activities.

2. In order to fully and effectively complete the terms of reference as outlined in annex III to decision IX/16, it was planned that the AHTEG would convene at least two meetings. The first meeting was held in London from 17 to 21 November 2008. It addressed two main issues: (i) identification of risks and vulnerabilities; and (ii) the enhancement of scientific and technical links between biodiversity and climate change mitigation. The second meeting of the AHTEG would address the links between biodiversity conservation and sustainable use and climate-change adaptation, risks and vulnerabilities.

3. As such, the second meeting is being convened in order to address the following elements of the terms of reference:

(a) Identifying case-studies and general principles to guide local and regional activities aimed at reducing risks to biodiversity values associated with climate change;

(b) Identifying ways that components of biodiversity can reduce risk and damage associated with climate change impacts;

(c) Identifying potential biodiversity-related impacts and benefits of adaptation activities, especially in the regions identified as being particularly vulnerable under the Nairobi work programme on impacts, vulnerability and adaptation to climate change (developing countries, especially least developed countries and small island developing States) as adopted by the Conference of the Parties to the United Nations Framework Convention on Climate Change at its eleventh meeting; 1/

\* UNEP/CBD/AHTEG/BD-CC-2/2/1/

1/ See decision 2/CP.11 of the Conference of the Parties to the United Nations Framework Convention on Climate Change.

(d) Proposing ways and means to improve the integration of biodiversity considerations and traditional and local knowledge related to biodiversity within climate change adaptation, with particular reference to communities and sectors vulnerable to climate change;

(e) Highlighting case-studies and identifying methodologies for analysing the value of biodiversity in supporting adaptation in communities and sectors vulnerable to climate change;

(f) Analysing the social, cultural and economic benefits of using ecosystem services for climate change adaptation and of maintaining ecosystem services by minimizing adverse impacts of climate change on biodiversity;

(g) Identifying means to incentivise the implementation of adaptation actions that promote the conservation and sustainable use of biodiversity.

4. Sources of information for this meeting include background documents prepared by the Secretariat of the Convention on Biological Diversity and the World Conservation Monitoring Centre of the United Nations Environment Programme (UNEP-WCMC). The Group will also consider the findings of the first AHTEG on Biodiversity and Climate Change as contained in Technical Series Numbers 10 and 25 and the report of the first meeting of the second AHTEG (UNEP/CBD/AHTEG/BD-CC-2/2/5).

5. Finally, the Group will benefit from input from Parties, relevant organizations and individuals as submitted to the online dialogue on climate change and biodiversity convened by the Secretariat of the Convention on Biological Diversity, from 9 to 20 March, 2009.

6. The second meeting of the AHTEG is being held in Helsinki, thanks to the generous financial support of the Government of Finland.

### **ITEM 1. OPENING OF THE MEETING**

7. A representative of the Executive Secretary will open the meeting at 9 a.m. on Saturday, 18 April, 2009. A representative of the Government of Finland will welcome participants.

### **ITEM 2. ORGANIZATIONAL MATTERS**

#### ***2.1. Election of officers***

8. After a self-introduction of participants, the Group will be invited to elect its co-chairs based on proposals from the floor.

#### ***2.2. Adoption of the agenda***

9. The provisional agenda prepared by the Executive Secretary (UNEP/CBD/AHTEG/BD-CC-2/2/1) will be before the Group for consideration and adoption.

#### ***2.3. Organization of work***

10. Under this item, the Group will consider the proposed organization of work for the meeting as contained in annex II of the present note. The Group may wish to conduct its initial deliberations in plenary, and break into smaller groups on specific issues, as appropriate.

11. The language of the meeting will be English.

### **ITEM 3. RISKS TO BIODIVERSITY FROM CLIMATE CHANGE AND RELATED ADAPTATION RESPONSES**

12. To introduce this agenda item, the Secretariat of the Convention on Biological Diversity will present the background document on approaches to linking biodiversity and climate change related risk and vulnerabilities (UNEP/CBD/AHTEG/BD-CC-2/2/2). Additional relevant information can be found in the report of the first meeting of the Second Ad Hoc Technical Expert Group on Biodiversity and Climate Change (UNEP/CBD/AHTEG/BD-CC-2/1/5).

**3.1. *General principles to guide local and regional activities aimed at reducing risks to biodiversity as a result of climate change***

13. The Group will be invited to consider the impacts of climate change on biodiversity identified by the first meeting of the AHTEG within the framework of risk and vulnerability in order to develop general principles that can be applied at various scales in order to reduce the risks to biodiversity as a result of climate change.

**3.2. *Potential benefits and risks to biodiversity as a result of adaptation activities***

14. The Group will be invited to review table 1 in CBD Technical Series 10, which presents an indicative list of adaptation activities relevant to the thematic areas considered under the Convention on Biological Diversity, their potential impacts on and risks to biodiversity, and possible adaptive management actions. The Group may also wish to consider how the table could be revised or updated in order to reflect new information and be more relevant to the processes under the United Nations Framework Convention on Climate Change.

**ITEM 4. BENEFITS OF BIODIVERSITY FOR ENHANCING ADAPTATION OPTIONS UNDER CLIMATE CHANGE**

15. To introduce this agenda item, the Secretariat of the Convention on Biological Diversity and a representative of The Nature Conservancy will present a background document on identifying and enhancing the linkages between biodiversity and climate change adaptation (UNEP/CBD/AHTEG/BD-CC-2/2/3).

16. A representative of UNEP-WCMC will present the literature review on biodiversity and climate change adaptation prepared by UNEP-WCMC with funding from the Government of the United Kingdom of Great Britain and Northern Ireland and the Government of Finland.

**4.1. *Proposals on ways through which components of biodiversity can reduce risk and damage associated with climate-change impacts***

17. The AHTEG has been requested to develop proposals on ways through which the components of biodiversity can reduce risk and damage associated with climate change. As such, under this agenda item, the AHTEG may wish to consider the different elements of risk (vulnerability, exposure to hazards and adaptive capacity) within the framework of ecosystem services provided by biodiversity as they apply to broad risks and damages faced by a variety of sectors as a result of climate change.

18. The AHTEG may wish to consider, in particular, the links between biodiversity, climate change and: food security, natural disasters, health, and poverty alleviation.

**4.2. *Proposals on improving the integration of biodiversity considerations and traditional and local knowledge related to biodiversity within climate change adaptation***

19. The AHTEG has been requested to develop specific proposals on how biodiversity and associated traditional and local knowledge can be better integrated within climate change adaptation. Accordingly, the AHTEG may wish to consider the case-studies presented in the background document (UNEP/CBD/AHTEG/BD-CC-2/2/3) in order to identify best practices and lessons learned, including with regards to ecosystem-based adaptation.

**4.3. *Proposals on ways and means to incentivize the implementation of adaptation actions that promote the conservation and sustainable use of biodiversity***

20. In order to facilitate the uptake of climate -hange adaptation which promotes the conservation and sustainable use of biodiversity, including through ecosystem-based adaptation, the AHTEG is requested to develop specific proposals on incentives. Accordingly, the AHTEG may wish to consider both financial and non-financial incentive measures.

**ITEM 5. ANALYSIS OF THE VALUE OF INTEGRATING BIODIVERSITY WITHIN CLIMATE-CHANGE ADAPTATION**

**5.1. *The role of biodiversity and ecosystem-based adaptation in supporting adaptation in communities and sectors vulnerable to climate change***

21. Based on the proposals already developed on using biodiversity to reduce risks and damages associated with climate change, and on possible incentive measures to encourage the inclusion of biodiversity conservation and sustainable use, the AHTEG may wish to describe the different roles of biodiversity and ecosystem-based adaptation in climate change adaptation focusing on those areas which have been identified as being particularly vulnerable to the impacts of climate change by the UNFCCC Nairobi work programme on impacts, vulnerability and adaptation to climate change, namely: developing countries, especially least developed countries and small island developing States. The AHTEG may wish to support these descriptions with illustrative case-studies and best-practice examples.

**5.2. *Methodologies for analysing the social, cultural and economic value of biodiversity and ecosystem-based adaptation in supporting adaptation in communities and sectors vulnerable to climate change***

22. To introduce this agenda item, the Secretariat of the Convention on Biological Diversity will present a note on the analysis of the value and benefits from integrating biodiversity within climate change adaptation (UNEP/CBD/AHTEG/BD-CC-2/2/4).

23. Following the presentation of the background document, the AHTEG is requested to identify methodologies through which the value of biodiversity for climate change adaptation can be assessed. The AHTEG is requested to consider the social, cultural and economic aspects of value and valuation in identifying the methodologies.

**ITEM 6. PEER REVIEW OF THE REPORT**

24. The Group will have before it a draft report highlighting the main findings from the second meeting of the AHTEG. The Group will be invited to break into small groups in order to evaluate the scientific robustness of different sections of the report as identified by the Co-Chairs.

25. The Group will also be invited to identify key messages to be conveyed by the Executive Secretary to the secretariat of the United Nations Framework Convention on Climate Change.

**ITEM 7. OTHER MATTERS**

26. Under this item, participants may wish to raise other matters related to the subject matter of the meeting, and to agree on any follow-up actions.

**ITEM 8. ADOPTION OF THE REPORT AND CLOSURE OF THE MEETING**

27. The Group will consider and adopt its report on the basis of the draft report of the meeting to be prepared and presented by the Co-Chairs.

28. The meeting is expected to close at 5 p.m. on Wednesday, 22 April 2009.

*Annex I*

**PROVISIONAL LIST OF DOCUMENTS FOR THE AD HOC TECHNICAL EXPERT GROUP  
ON BIODIVERSITY AND CLIMATE CHANGE**

<i>Symbol</i>	<i>Title</i>
UNEP/CBD/AHTEG/BD-CC-2/2/1	Provisional agenda
UNEP/CBD/AHTEG/BD-CC-2/2/1/Add.1	Annotations to the provisional agenda
UNEP/CBD/AHTEG/BD-CC-2/2/2	Approaches to linking biodiversity and climate change related risk and vulnerabilities
UNEP/CBD/AHTEG/BD-CC-2/2/3	Identifying and enhancing the linkages between biodiversity and climate change adaptation
UNEP/CBD/AHTEG/BD-CC-2/2/4	Analysis of the value and benefits from integrating biodiversity within climate change adaptation
UNEP/CBD/AHTEG/BD-CC-2/2/5	Report of the first meeting of the Second Ad Hoc Technical Expert Group on Biodiversity and Climate Change

*Annex II***PROPOSED ORGANIZATION OF WORK**

<b>Saturday, 18 April</b>	
9 – 9.30 a.m.	Registration
9.30 – 10 a.m.	1. Opening of the meeting
10 – 11 a.m.	2. Organizational matters <ul style="list-style-type: none"> <li>2.1. Election of officers</li> <li>2.2. Adoption of the agenda</li> <li>2.3. Organization of work</li> </ul>
11 – 11.30 a.m.	<i>Break</i>
11.30 – 11.45 a.m.	3. Risks to Biodiversity from climate change and related adaptation responses: presentation of the background document
11.45 a.m.– 12:30 p.m.	3.1 General principles to guide local and regional activities aimed at reducing risks to biodiversity as a result of climate change
12.30 – 2 p.m.	<i>Lunch</i>
2 – 4 p.m.	3.1 General principles to guide local and regional activities aimed at reducing risks to biodiversity as a result of climate change... <i>(continued)</i>
4 – 4.20 p.m.	<i>Break</i>
4.20 – 6 p.m.	3.1 General principles to guide local and regional activities aimed at reducing risks to biodiversity as a result of climate change... <i>(continued)</i>
6 p.m. - ...	Dinner and sauna on behalf of the Ministry of Environment
<b>Sunday, 19 April</b>	
9 – 11.30 a.m.	3.2 Potential benefits and risks to biodiversity as a result of adaptation activities
11.30 – 11.50 a.m.	<i>Break</i>
11.50 a.m.– 12:30 p.m.	3.2 Potential benefits and risks to biodiversity as a result of adaptation activities... <i>(continued)</i>
12.30 – 2 p.m.	<i>Lunch</i>
2 – 3 p.m.	4. Benefits of biodiversity for enhancing adaptation options under climate change: presentation of the background documents
3 – 4 p.m.	4.1 Proposals on ways through which components of biodiversity can reduce risk and damage associated with climate change impacts

4 – 4.20 p.m.	<i>Break</i>
4.20 – 6 p.m.	4.1 Proposals on ways through which components of biodiversity can reduce risk and damage associated with climate change impacts... <i>(continued)</i>
<b>Monday, 20 April</b>	
9 – 11.30 p.m.	4.2 Proposals on improving the integration of biodiversity considerations and traditional and local knowledge related to biodiversity within climate change adaptation
11.30 – 11.50 a.m.	<i>Break</i>
11.50 a.m.– 12.30 p.m.	4.2 Proposals on improving the integration of biodiversity considerations and traditional and local knowledge related to biodiversity within climate change adaptation... <i>(continued)</i>
12.30 – 2 p.m.	<i>Lunch</i>
2 – 4 p.m.	4.2 Proposals on improving the integration of biodiversity considerations and traditional and local knowledge related to biodiversity within climate change adaptation... <i>(continued)</i>
4 – 4.20 p.m.	<i>Break</i>
4.20 – 6 p.m.	4.3 Proposals on ways and means to incentivize the implementation of adaptation actions that promote the conservation and sustainable use of biodiversity
6 p.m. - ...	Dinner at the Ministry of Environment
<b>Tuesday, 21 April</b>	
9 – 11.30 a.m.	5.1 The role of biodiversity and ecosystem based adaptation in supporting adaptation in communities and sectors vulnerable to climate change
11.30 – 11.50 a.m.	<i>Break</i>
11.50 a.m.– 12.30 p.m.	5.1 The role of biodiversity and ecosystem based adaptation in supporting adaptation in communities and sectors vulnerable to climate change... <i>(continued)</i>
12.30 – 2 p.m.	<i>Lunch</i>
2 – 2.45 p.m.	5.2 Methodologies for analysing the social, cultural and economic value of biodiversity and ecosystem based adaptation in supporting adaptation in communities and sectors vulnerable to climate change: presentation of the background document
2.45 – 4 p.m.	5.2 Methodologies for analysing the social, cultural and economic value of biodiversity and ecosystem based adaptation in supporting adaptation in communities and sectors vulnerable to climate change

4 – 4.20 p.m.	<i>Break</i>
4.20 – 6 p.m.	Drafting groups for the workshop report
<b>Wednesday, 22 April</b>	
9 – 11.30 a.m.	6. Peer review of the report
11.30 – 11.50	<i>Break</i>
11.50 a.m.– 12.30 p.m.	6. Peer review of the report... <i>(continued)</i>
12.30 – 2 p.m.	<i>Lunch</i>
2 – 4 p.m.	7. Other matters
4 – 4.20 p.m.	<i>Break</i>
4.20 – 5 p.m.	8. Adoption of the report and closure of the meeting.

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