



# Secretariat of the Convention on Biological Diversity



## ACTION PLEDGE BY THE AD HOC TECHNICAL EXPERT GROUP ON BIODIVERSITY AND CLIMATE CHANGE CONVENED UNDER THE CONVENTION ON BIOLOGICAL DIVERSITY

### Overall Objective

The action pledge will respond to the objective stated in the annex to decision 2/CP.11 to advance the sub-theme stated in paragraph 3 (a) (iii), “Promoting the development of, access to, and use of information and data on projected climate change”.

### Project Purpose

The project will respond to the need identified in paragraph 43 (d) of the *Report on the workshop on climate modelling, scenarios and downscaling under the Nairobi work programme on impacts, vulnerability and adaptation to climate change* (FCCC/SBSTA/2008/9). In particular the project will strengthen research on biophysical climate systems relating to biodiversity to reduce scientific uncertainties associated with climate projections and thus improve the quality of scenarios and increase the confidence of decision makers in climate and climate impacts information.

### Activities

In order to contribute to strengthened research on biophysical modeling, the group will examine tools and methodologies relevant to the links between biodiversity and climate change. In particular the group will:

1. Summarize existing tools available for biophysical modeling within climate systems, with an emphasis on bioclimatic modeling;
2. Evaluate uncertainties and gaps concerning links between biophysical and climate modeling (including an analysis of limitations and unknown / unpredictable variables); and
3. Prepare good practice guidelines that may be considered when modelling biophysical processes within climate scenarios (with an emphasis on bioclimatic modeling and attribution of observed changes in biological parameters with climate).

In order to complete the above activity, expertise will be drawn from the first meeting of the second Ad hoc Technical Expert Group on Biodiversity and Climate Change, convened in accordance with paragraph 12 (b) of decision IX/16 B of the Conference of the Parties to the Convention on Biological Diversity (CBD). The group issuing the action pledge will be guided by Dr. Jeff Price and will be supported by the Secretariat of the Convention on Biological Diversity.

### Expected Results

The group will prepare a report on its activities, including good practice guidelines, which will be submitted to the Secretariat of the United Nations Framework Convention on Climate Change (UNFCCC) for consideration and distribution as deemed appropriate by the UNFCCC process.



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