

## THE CONTRIBUTION OF FORESTRY AND FORESTS TO THE OBJECTIVE OF THE UNFCCC AND TO SUSTAINABLE DEVELOPMENT

Marku Kanninen, Center for International Forestry Research  
(CIFOR), Bogor, Indonesia

- Introduction: the role of forestry and forests in climate change as sinks, reservoirs and sources of GHGs; providers of timber and wood as substitutes for more GHG intensive materials; and contributors to increase resilience to the impacts of climate change.
- Forests in practice: A review of real and potential activities and actions on forests and forestry to contribute to climate change efforts: planting forests (currently being implemented through afforestation and reforestation projects under the CDM), reducing deforestation (mostly undertaken during the pilot phase of joint implementation and planned for future discussions) and bioenergy (less explored and currently being discussed within the CDM). Forest conservation and sustainable management outside the UNFCCC process also have great potential to contribute to adaptation. The presentation will deliver the following information:
  - Where these activities are taking/could take place?
  - What are the sources of costs for implementation, including estimates?
  - How they benefit/could benefit local communities?
  - What is/has been their benefit in terms of climate change mitigation?
  - What are the potential, unaccounted links with adaptation?
  - Which obstacles are in place?
- The policy side: the success of the above activities strongly depends in the institutional framework to support them in terms of linking national actions to international efforts, raising national awareness, building technical capacity, providing a legal framework that delivers certainty to investors, taking into account sustainable development and poverty alleviation concerns and others. The presentation will deliver the following:
  - A brief introduction to institutional needs
  - A summary of current experiences in implementing and setting related institutions
  - An analysis of gaps and needs
- Conclusions: mainly focused on how, based on the experiences so far and unexploited potentials, could forests and forestry further contribute to both mitigation and adaptation while at the same time to poverty alleviation and biodiversity. An outlook to deforestation and bioenergy.