

WORLD SUMMIT OF REGIONS

“Climate change: Regions in action”

Saint-Malo, 29/30 October 2008

SESSION 2

Water and Integrated Management of Coastal Areas

29.10.2008 - 2.30pm/6.00pm

Coordinators: North Sumatra (Indonesia) - Brittany (France)

Climate change will lead to changes in freshwater resources from rainfall and thawing glaciers, as well as an increase in sea levels, against a backdrop of many extreme climatic events. These effects are coupled with a two-fold change to the global population: increasing urbanisation in sprawling urban complexes requiring economical use of freshwater and a relocation of major population centres and economic activities along coastal areas calling for new urban planning of housing and business. How are regions taking this obstacle concerning the future of their populations and activities into account? Which initiatives are they carrying out to cope with these new conditions?

Chaired by: Mrs Nurlisa Ginting, Vice-Chair and Head of Secretariat nrg4SD of North Sumatra and Women Empowerment Bureau of North Sumatra

Moderator: Mr Stéphane Hallegatte, Researcher, Météo France

Rapporteur: Mr Gérard Mevel, Vice-President, Brittany Regional Council

Regional experiences presented:

- **Hai Phong, Quang Ninh (Vietnam):** *Building a partnership network for integrated coastal management in Hai Phong - Quang Ninh, North Tonkin Gulf*, Ms Bui Thi Thu Hien, Program Manager, IUCN - International Union for Conservation of Nature
- **Observatory of Sahara and Sahel:** *The sharing of underground aquifers between regions subject to strong water stress*, Mr Al-Hamndou Dorsouma
- **CONAGA - National Conference of Governors (Mexico):** *Integrated coastal zone management*, Mr José Luis Benitez Gil, Advisor to the Governor of Hidalgo
- **Provence-Alpes-Côte d'Azur/Maghreb:** *Cross-Mediterranean cooperation for knowledge transfer on fresh water management*
- **CLIMSAT:** *Use of 3D satellite cartography and analysis of the vulnerability of territories*, Mr Alain Retière, Director
- **Matagalpa (Nicaragua):** *Construction of a regional body for territorial management*, Ms Alexandra Davila, Executive Director, AMUPNOR (Asociación de Municipios Productivos del Norte) Matagalpa
- **Alaska (United States):** *The phenomena of coastal erosion, a new consequence of climate change*, Mr George Cannelos, Federal Co-Chair, the Denali Commission

