



ROYAL ACADEMY FOR OVERSEAS SCIENCES

Multidisciplinary Workshop
Vulnerable Coastal Areas
(Brussels, Thursday 10 December 2015)

Programme

- 09.00 – 09.30 Registration & Poster installation
- 09.30 – 09.45 Welcome Address and Introduction
- 09.45 – 11.05 Keynote Lectures — Chair: Cecile BAETEMAN, RAOS Member

Ecosystem functions, goods and services of Mangroves

Nibedita MUKHERJEE, University of Cambridge (United Kingdom)

Discussion (10')

Groundwater and sinking coastal zones: how pumping and drainage create more trouble than climatic changes

Alain DASSARGUES, Department ArGenCo - Architecture, Geological, Environmental and Civil Engineering - Université de Liège (Belgium)

Discussion (10')

- 11.05 - 11.30 Coffee break & Poster session
- 11.30 – 12.30 Papers — Chair: Philippe MUCHEZ, RAOS Member

Household vulnerability to natural hazards in the coastal Tran Van Thoi District, Ca Mau Province, Mekong Delta, Vietnam

Matthieu KERVYN

Department of Geography, Earth System Science, Vrije Universiteit Brussel (Belgium) & RAOS Member

Tropical Cyclones: The Dialects of Social and Environmental Change in the Bay of Bengal

Debojyoti DAS, School of Interdisciplinary Area Studies, University of Oxford (United Kingdom)

Preparedness of coastal populations of Bangladesh to adverse impacts of natural hazards in the context of climate change

Mohammad Abdul QUADER

Department of Geography, Earth System Science, Vrije Universiteit Brussel (Belgium)

- 12.30 – 13.45 Lunch + Poster session

- 13.45 – 14.45 Papers — Chair: Thierry CAMELBEECK, RAOS Member
- Sand and gravel winning for the protection of vulnerable coastal areas**
Lucien HALLEUX Director G-tec SA/NV Visiting Professor KU Leuven
& ULg (Belgium)
- Using coastal geology to improve hazard assessments along tectonically active coasts: current progress along the Nankai Trough, Japan**
Ed GARRETT, Geological Survey, Royal Belgian Institute of Belgium
(Belgium)
- Bimodal Recurrence of Tsunamis in South Central Chile**
Philipp KEMPF, Renard Centre of Marine Geology, Universiteit Gent
(Belgium)
- 14.45 – 15.20 Coffee break & Poster session
- 15.20 – 16.20 Papers — Chair: Philippe Goyens, RAOS Member
- La difficile harmonie entre les risques naturels, l'offre immobilière et le développement urbain: le cas de la côte de Concón au Chili central**
Federico ARENAS, Instituto de Geografía, Pontificia Universidad
Católica de Chile (Chile)
- Mangroves as sustainable coastal defence: the coast of Surinam (South-America)**
Erik TOORMAN, Associate professor, Hydraulics Div., KU Leuven
(Belgium)
- Coral reef quality off the west coast of Unguja Island, Zanzibar**
Henrique BRAVO GOUVEIA, Marine Biology, Vrije Universiteit Brussel
(Belgium)
- 16.20 – 17.00 General discussion & Conclusion