

The 3rd UN World Conference on Disaster Risk Reduction, Public Forum

Wise Use of Coastal Ecosystems for Disaster Risk Reduction: Mainstreaming and Problems

March 15, 2015 Sun **13:10** - 15:50 (13:00 open)

Lecture Rooms C, **C206**, Kawauchi-kita Campus, Tohoku University, Sendai

Recent progress in concepts and practices of Ecosystem-based Disaster Risk Reduction in the world and Japan is introduced and discussed with examples of Minami Sanriku coast and Sendai bays where an extremely large tsunami hit in 2011. Based on the discussion, participants will propose the way for mainstreaming the actions towards Eco-DRR.

Convener: Dr. Jotaro Urabe, Professor, Graduate School of Life Science, Tohoku University; Ms. Noriko Takemoto, Program Coordinator, College of Business, Rikkyo University

13:10~

Opening Remarks

Dr. Tohru Nakashizuka, Professor, Graduate School of Life Science, Tohoku University

Keynote Speech

Ecosystem-based Disaster Risk Reduction: New Developments in Science and Policy

Dr. Fabrice Renaud, Head of the Environmental Vulnerability and Ecosystem Services Section, United Nations University Institute for Environment and Human Security (UNU-EHS)



Lecture 1

Investing in Ecosystem-based Disaster Risk Reduction (Eco-DRR) and Climate Change Adaptation

Mr. Naoya Furuta, Senior Project Officer, International Union for Conservation of Nature (IUCN)



Lecture 2

The Role of Communities in Ecosystem-based Disaster Risk Reduction

Mr. Yasushi Hibi, Vice President, Conservation International Japan

Lecture 3

Conflict of Eco-DRR Alternative to Huge Coastal Structures and Extent Land Use System in Tsunami Disaster Recovery after Great East Japan Earthquake

Dr. Satoquo Seino, Associate Professor, Graduate School of Engineering, Kyushu University

14:25~

----- A break -----

14:35~

Reports from Sendai bay and Kesenuma

Report 1

Coastal-ecotone Monitoring as the Source of Eco-DRR: a Case of the Severely Disturbed Sendai Bay Sand-dune Fringe

Dr. Yoshihiko Hirabuki, Professor, Faculty of Liberal Arts, Tohoku Gakuin University, Minami-Gamou Ecotone Monitoring Network

Report 2

Proposal for a Pleasant Disaster Prevention Park at Gamo, Sendai

High School Students' Seawall Study Group in Sendai (Sendai Educational Technology Laboratory)

Report 3

A Perspective on Holistic Applications of Environmental Design as Ecologically Responsible Management of Land, Water and Resources

Mr. Hirose Shunsuke, Collaborative Researcher, Center for Spatial Information Science, The University of Tokyo

Report 4

Role and Future Perspective of ESD Program for the Children in Tsunami Affected Areas of the Great East Japan Earthquake

Ms. Noriko Hata, United Graduate School of Agricultural Science, Tokyo University of Agriculture and Technology

Report 5

Reports by the School Students Participated in "Kodomo Koizumigaku"

15:25~

Summing Up and Adoption of Recommendations

✓ Admission free

✓ Simultaneous translation available

Registration: on [the home page of EA Center](#)

<Excursion to Koizumi in Kesenuma City>

The tour meets at East Entrance in Sendai Station at 8:30 am on March 14, and ends at 7:00 pm at the same place. After guiding on the spot by students, we will take a look at a ESD workshop for students at Rias Ark Museum of Art. Application for participation: on [the home page of EA Center](#) by March 9



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