

International Workshop on Environmental Vulnerability and Adaptation Strategies in Arid and Semi-arid Regions

*Place: [Okura Frontier Hotel Tsukuba](#), Tsukuba, Ibaraki, Japan
Date: January 18, 2018 (Thursday)*

Opening Address (Moderator: [Dr. Fumiko KASUGA](#))

9:30-9:40	Dr. Hideo HARASAWA , Vice President, National Institute for Environmental Studies
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Key-note Speeches

9:40-10:10	Dr. Bojie FU , Academician, Chinese Academy of Sciences; Vice-chair, Chinese National Committee for Future Earth	Global Dryland Ecosystem Programme: a Platform for Global Research Collaboration on Dryland Ecosystem
10:10-10:40	Dr. Fumiko KASUGA , Global Hub Director in Japan, Future Earth	Future Earth - its Updates and Expected Development in Asia
10:40-11:00	Coffee Break & Group Photo	

Session 1: Regional Vulnerability in Arid Environment (Moderator: [Dr. Tao WANG](#))

11:00-11:20	Dr. Tao WANG , President, Northwest Institute of Eco-Environment and Resources, Chinese Academy of Sciences	Progress in the Research on Desertification in Arid and Semiarid Regions of China
11:20-11:40	Dr. Xi CHEN , Director of the Xinjiang Institute of Ecology and Geography, Chinese Academy of Sciences	Research on Eco-environmental Vulnerabilities in Asia Inland Dryland
11:40-12:00	Dr. Ochirbat BATKHISHIG , Professor, Institute of Geography and Geo-ecology, Mongolian Academy of Sciences	Research on the Soil Degradation in Mongolia
12:00-13:00	Lunch Time	

Session 2: Adaptation Strategies for Vulnerability (Moderator: [Dr. Kiyoshi TAKAHASHI](#))

13:00-13:20	Dr. Dennis OJIMA , Professor, Department of Ecosystem Science and Sustainability, Colorado State University	Engaging Communities for Regional Climate Adaptation Responses in Semi-Arid Regions: A Central US Case Study of Actionable Science Efforts
13:20-13:40	Dr. Toshiya OKURO , Professor, Landscape Ecology & Planning Lab, University of Tokyo	Sustainable Land Management under Non-equilibrium Environments in Drylands of the Northeast Asia
13:40-14:00	Dr. Yonghui YANG , Principal Investigator, Institute of Genetics and Developmental Biology, Chinese Academy of Sciences	Water Saving Technology and Planting Structure Adjustment for Agricultural Ecosystems in North China
14:00-14:20	Dr. Suocheng DONG , Professor, Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences	Research on Environmental Resources and Green Development in the China-Mongolia-Russia Economic Corridor
14:20-14:40	Dr. Kiyoshi TAKAHASHI , Head, Center for Social and Environmental Systems Research, National Institute for Environmental Studies	Introduction to Scientific Activities Supporting Adaptation Policies in Japan
14:40-15:00	Coffee Break	

Session 3: Integration Approach for Assessment (Moderator: [Dr. Qinxue WANG](#))

15:00-15:20	Dr. Tsuneo MATSUNAGA , Director, Satellite Observation Center, National Institute for Environmental Studies	Monitoring the GHGs Emissions by GOSAT Satellite Series in Arid and Semi-arid Regions
15:20-15:40	Dr. Kenlo Nishida NASAHARA , Professor, Graduate School of Life and Environmental Sciences, University of Tsukuba	Detection of Land Cover Change and Degradation by using JAXA High Resolution Land-Use and Land-Cover Map
15:40-16:00	Dr. Tomohiro OKADERA , Senior Researcher, Center for Regional	Water-energy-nexus-based assessment in Mongolia as an

	<i>Environmental Research, National Institute for Environmental Studies</i>	Arid and Semi-arid Regions
16:00-16:20	<i>Dr. Qinxue WANG, Principal Researcher, Center for Regional Environmental Research, National Institute for Environmental Studies</i>	Assessment of Grassland Carrying Capacity and its Vulnerability in Arid and Semi-arid Regions---Taking the Mongolia as an Example
16:20 -16:50	<i>Discussion on the Future Cooperation</i>	
<i>Closing Remarks</i>		
16:50-17:00	<i>Dr. Akinori TAKAMI, Director, Center for Regional Environmental Research, National Institute for Environmental Studies</i>	
<i>President's Reception Banquet</i>		
18:30-20:30	<i>Dr. Chiho WATANABE, President, National Institute for Environmental Studies</i>	