

# International Symposium on Estimation of Ocean and Land Primary Production by Satellite

Organized by Hydrospheric Atmospheric Research Center (HyARC), Nagoya University  
Supported by Japan Science and Technology Agency (JST)  
Co-organized by Center for Environmental Remote Sensing (CEReS), Chiba University;  
Environmental Biogeochemical Cycles Research Program (EBCRP),  
Research Institute for Global Change (RIGC), Japan Agency for Marine-Earth Science and  
Technology (JAMSTEC);  
Global COE Project, Nagoya University "From Earth System Science to Basic and Clinical  
Environmental Studies"

Date: December 7, 2009

Place: Lecture Hall, Graduate School of Environmental Studies, Nagoya University

## Symposium Program

- 10:00-10:10 **Opening Remarks**  
Joji Ishizaka (HyARC, Nagoya University, Japan)  
Tadaoki Mitani (SORST, JST, Japan)
- 10:10-10:55 **Project for Establishment of Plant Production Estimation using Satellite Data**  
Yoshiaki Honda (CEReS, Chiba University, Japan)
- 10:55-11:40 **An Observing System for Monitoring of Ocean Ecosystem and Biogeochemical Cycles Dynamics**  
Toshiro Saino (EBCRP, RIGC/JAMSTEC, Japan)
- 11:40-13:00 Lunch Break
- 13:00-13:30 **Mutual Utilization between Remote Sensing Data and Numerical Simulation on the Land Surface Processes**  
Kazuo Mabuchi (Meteorological Research Institute, Japan)
- 13:30-14:00 **Development of Integrated Ocean Data Assimilation System**  
Toshiyuki Awaji (Graduate School of Science, Kyoto University; JAMSTEC, Japan)
- 14:00-14:30 **The Future Satellite Data Utilization in Mongolia: Possibility of Grassy Plain Monitor using GCOM-C**  
Khudulmur Sodov (The Information and Computer Center, The Ministry for Nature, Environment and Tourism, Mongolia)
- 14:30-15:00 **Satellite-Based Monitoring of Phytoplankton Diversity, Productivity and Carbon Export - Sentinels for Identifying Climate-Induced Changes in Marine Ecosystems**  
Joaquim I. Goes (Bigelow Laboratory for Ocean Sciences, USA)
- 15:00-15:20 Coffee Break
- 15:20-15:50 **Status of Global Change Observation Mission - Climate (GCOM-C)**  
Hiroshi Murakami (Earth Observation Research Center, Japan Aerospace Exploration Agency, Japan)
- 15:50-16:30 **General Discussion**

