

7 November 2017 at Japan Pavilion, Bonn Zone

Cutting-edge Satellite Monitoring and Scientific Knowledge to Contribute to the Paris Agreement: Focusing on the IPCC Guidelines for National Greenhouse Gas Inventories

13:20~15:00

Hosted by

Ministry of Education, Culture, Sports, Science and Technology - Japan (MEXT),
Ministry of the Environment, Japan (MOE),
Japan Aerospace Exploration Agency (JAXA),
National Institute for Environmental Studies (NIES),
Japan Weather Association (JWA)

Space Agency Round Table: Space Agencies Efforts for Implementation of Paris Agreement

15:30~16:30

Hosted by Japan Aerospace Exploration Agency (JAXA)



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Cutting-edge Satellite Monitoring and Scientific Knowledge to Contribute to the Paris Agreement: Focusing on the IPCC Guidelines for National Greenhouse Gas Inventories 13:20-15:00

Agenda :

13:20 - 13:25 Call to Order and Introduction by Moderator

Moderator: Ms. Izumi Mori, Deputy Director, Ministry of Education, Culture, Sports, Science and Technology - Japan (MEXT)

13:25 - 13:30 Opening Remarks

Mr. Kazuo Tachi, Senior Chief Officer for Satellite Applications, Japan Aerospace Exploration Agency

13:30 - 13:40 Status of Refinement of IPCC Inventory Guidelines

Refinement of IPCC Inventory Guidelines and Consideration of Earth Observation Data Use

Dr. Kiyoto Tanabe, Co-chair, IPCC/Task Force on National Greenhouse Gas Inventories (TFI)

13:40 - 14:25 Progress and Current Status of Satellite GHG Monitoring Technology

- Our Challenge for Estimating Anthropogenic GHG Emission from Space using GOSAT

Dr. Akihiko Kuze, Associate Senior Researcher, Japan Aerospace Exploration Agency

- Estimating methane emissions using satellite observations

Dr. Alexander J. Turner, University of California at Berkeley

- Possible Contributions to Implementation of Paris Agreement through Application of Earth System Models

Dr. Michio Kawamiya, Director, Japan Agency for Marine-Earth Science and Technology

14:25-14:40 Japan's Activity on Contributing to GHG Inventories Verification

Toward the Operational Use of Satellite Remote Sensing Data: A Guidebook on the Use of Satellite Greenhouse Gases Observation Data for Verification of Greenhouse Gases Emission Inventories

Dr. Tsuneo Matsunaga, Director, Satellite Observation Center, National Institute for Environmental Studies, Japan

14:40-14:55 Question and Answer

Q&A and Discussion

14:55-15:00 Closing Remarks

Mr. Masanobu Kimura, Director, Ministry of the Environment, Japan

Space Agency Round Table: Space Agencies Efforts for Implementation of Paris Agreement

15:30~16:30

Moderator: Dr Teruyuki Nakajima, JAXA Earth Observation Research Center

Panelists: JAXA: Mr. Kazuo Tachi (Senior Chief Officer for Development of Satellite Systems and Satellite Applications)

ESA: Dr. Stephen Briggs (Senior Adviser, Earth Observation)

CNES: Dr. Carole Deniel (Manager of the Atmospheric Composition Program)

DLR: Dr. Hans-Peter Lüttenberg (Head of Earth Observation Department)

EC: Dr. Mark Dowell (Project Leader, Scientific Support to Copernicus)

WMO: TBD

JAXA invites representatives from space agencies to present their satellite GHG observation programs and to show the public that the satellite GHG observation is sustainable and capable to support enhancement of the transparency of framework and an effective implementation of the Paris agreement.