

International Workshop on Greenhouse Gas Measurements from Space (IWGGMS)

History

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IWGGMS history

- 1st: EORC, Tokyo, April 22-23, 2004
- 2nd: Caltech, Pasadena, March 24-25, 2005
- 3rd: Center for Institutes, Tsukuba May 30-31, 2006
- 4th: CNES, Paris, June 25-27, 2007
- 5th: Caltech, Pasadena, June 24-26, 2008
- 6th: KICC, Kyoto, January 26-27, 2010
- 7th: U. Edinburgh, Edinburgh, May 16-18, 2011
- 8th: Caltech, Pasadena, June 18-20, 2012
- 9th: Symposia, Yokohama, June 28-31, 2013
- 10th: ESTEC, Noordwijk, May 5-7, 2014
- 11th: Caltech, Pasadena, June 16-18, 2015
- 12th: Kyoto U., Kyoto, June 7-9, 2016



Workshop Objectives (IWGGMS-12)

- The goal of this workshop to review the state of the art in remote sensing of CO₂, CH₄, and other greenhouse gases from space.
 1. Results from the Greenhouse gases Observing SATellite (GOSAT) and Orbiting Carbon Observatory-2 (OCO-2) missions and instruments, including SCIAMACHY, AIRS, MOPITT, TES, CrIS, and IASI
 2. Pre-flight and on-orbit instrument calibration techniques
 3. Greenhouse gas retrieval algorithms
 4. Related information extraction such as solar induced chlorophyll fluorescence (SIF)
 5. Validation methods, instrumentation, and results
 6. Related ground-based, ship-borne, and air-borne measurements
 7. Flux inversion from space based greenhouse gas measurements
 8. Status of future greenhouse gas monitoring missions including TanSat, GOSAT-2, OCO-3, MERLIN, Sentinel-5p, Sentinel-5, MicroCarb, ASCENDS and so on.

IWGGMS-12 Statistics: participants



IWGGMS-12 Statistics: presentations

- Oral presentations: **54** talks
 - 55 offer (1 withdrawal)
- Poster presentations: **53** posters
 - 57 offer (4 withdrawal)
- Total: **107** presentations