International Workshop on Greenhouse Gas Measurements from Space (IWGGMS)

History

Tatsuya YOKOTA, IWGGMS-12 Organizing Committee Chairperson
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
- 5th: Caltech, Pasadena, June 24-26, 2008
- 6th: KICC, Kyoto, January 26-27, 2010
- 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 is to review the state of the art in remote sensing of CO$_2$, CH$_4$, 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
IWGGMS-12 Statistics: participants

- Japan: 67
- United States of America: 34
- France: 7
- China: 5
- The Netherlands: 5
- Korea: 4
- Australia: 3
- Canada: 3
- Germany: 3
- United Kingdom: 3
- Belgium: 2
- Finland: 2
- Italy: 2
- Belarus: 1
- Iran: 1
- Malaysia: 1
- Philippines: 1
- Taiwan: 1

18 countries

145 participants
IWGGMS-12 Statistics: presentations

- Oral presentations: 54 talks
  - 55 offer (1 withdrawal)

- Poster presentations: 53 posters
  - 57 offer (4 withdrawal)

- Total: 107 presentations