ABSTRACT SUBMISSION

You are invited to submit an abstract for presentation at IPWG#5. Based on the number of submissions, the program committee will organize a series of oral and poster sessions. Abstracts that deal with current operational and research precipitation estimation techniques, applications to climate and weather, validation, sensor calibration, and future satellite missions are encouraged. The abstract should be in English, approximately one half of an A4 page and provided in electronic form (details provided on the IPWG web page). The deadline for the receipt of the abstracts and registration is July 31, 2010. An abstract brochure will be prepared in advance of the meeting.

PROCEEDINGS

An electronic final proceedings and accompanying CD will be prepared in the months following the meeting. You are invited to prepare an extended manuscript up to four pages in length for inclusion by 31 October 2010. Further information such as formats will be available at the workshop.

LOCATION

The workshop will be jointly hosted by the KlimaCampus, University of Hamburg, Germany, its Cluster of Excellence Clisap (Integrated Climate System Analysis and Prediction) and the Max Planck Institute for Meteorology. The Free and Hanseatic City of Hamburg is located in the north of Germany. It has a population of 1.8 million people and is the second largest city in Germany. Temperatures in mid-October typically range from 11 to 16°C (52 to 61°F) during the day to 3 to 9°C (37 to 48°F) at night. Rainfall is to be expected during the meeting.

First Circular – April 2010

CGMS IPWG International Precipitation Working Group

KlimaCampus

Max-Planck-Institut für Meteorologie

WMO

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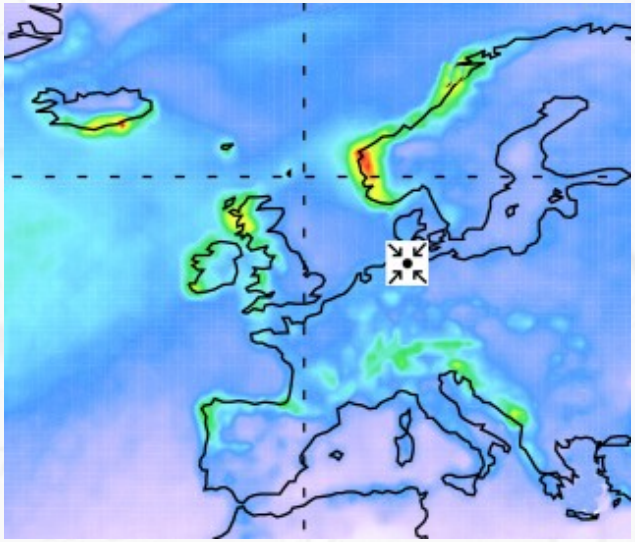
www.isac.cnr.it/~ipwg/meetings.html

5th Workshop of the International Precipitation Working Group (IPWG)

11-15 October 2010
Hamburg, Germany



HISTORY OF THE IPWG

The IPWG started with the World Meteorological Organization (WMO) Strategy to Improve Satellite System Utilization. The 52nd session of the WMO Executive Council, held in June 2000, recommended involving relevant science groups in a systematic manner as well as noting the positive indication from the Global Precipitation Climatology Project (GPCP) for WCRP's GEWEX to serve as a nucleus for such a working group. Subsequently, WMO strongly encouraged the Coordination Group for Meteorological Satellites (CGMS) to participate in the formation of an International Precipitation Working Group with active participation by WMO and GPCP, within the framework of CGMS. Since 1972, CGMS has provided a forum in which the satellite operators have studied jointly with the WMO technical operational aspects of the global satellite network, so as to ensure maximum efficiency and usefulness through proper coordination in the design of the satellites and in the procedures for data acquisition and dissemination. This 5th workshop follows previous workshops in Madrid (2002), Monterey (2004), Melbourne (2006), and Beijing (2008).

PURPOSE OF THE IPWG

In the area of quantitative precipitation measurements the purpose of the IPWG is to foster the development of better measurements and improvement in their use; improvement of scientific understanding; and development of international partnerships.

WORKSHOP GOALS

- Review the status of current and future satellite missions focused on precipitation retrieval.
- Update the current status of operational, quasi–operational, and experimental satellite-based estimates of precipitation for climate, weather, and hydrometeorological applications.
- Analyze the open issues underlying precipitation retrievals, such as retrievals over complex terrain, light precipitation, and snowfall.
- Analyze the statistical performance of current satellite techniques over various seasons, rainfall regimes, and space-time scales, together with similar analyses of numerically-generated estimates.
- Develop strategies within IPWG in the areas of satellite radiance calibration, precipitation product inter-calibration, and joint use of observations and numerical products.
- Develop key recommendations for short- and long-term activities for the IPWG and for other components of the CGMS.
- Continue developing areas of collaboration with other Working Groups such as joint numerical and observational product validation, land surface emissivity, radiative transfer, satellite calibration, and surface turbulent fluxes over the global oceans for combined freshwater flux estimates.

WORKSHOP FORMAT

The workshop will begin with plenary sessions where participants will make brief presentations on topics of relevance. Due to the anticipated large number of abstracts, poster sessions will be developed to compliment the oral presentations and foster discussions amongst the participants. These will be followed by working group sessions on Research Activities, Operational Applications, Validation, and New Technology where participants will help formulate recommendations and future activities. Along with the workshop, a satellite data training event will be carried out sponsored by EUMETSAT (H-SAF) and hosted by KlimaCampus.

HOTEL INFORMATION

Currently, 89 rooms in 4 hotels are arranged for the meeting by Clisap / MPI. Please register before 15 August 2010 using the booking key "IPWG". Costs will be the responsibility of each participant. The hotels are within comfortable walking distance of the meeting. For booking details please refer to the IPWG web page.

- Hotel Mercure, Hamburg an der Messe, Schroederstiftsstr. 3
- Hotel YoHo Hamburg, Moorkamp 5
- Hotel Norge, Schaeferkampsallee 49
- Hotel Boritzka, Schaeferkampsallee 67

Program Committee:

George Huffman, SSAI & NASA, USA
Christian Klepp, Clisap, MPI, GERMANY
Ralph Ferraro, NOAA / NESDIS, USA
Chris Kidd, The Univ. of Birmingham, UK

Local Organizing Committee:

Christian Klepp, Clisap, MPI, Germany
Barbara Zinecker, MPI, Germany
José Prieto, EUMETSAT, Germany