

12th Workshop of International Precipitation Working Group (IPWG-12)

July 7-10, 2026
Kraków Poland



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Workshop objectives

The main objectives of the workshop will be to review and finalize a number of IPWG initiatives related to its goals to produce higher resolution, easily accessible global precipitation products along with efforts to produce quality metrics in regions without traditional validation data. Together with an assessment of progress in open science questions, and progress to make greater use of new satellite constellations, the Workshop will aim to build a broad consensus view of precipitation capabilities and needs to move the understanding and applications forward in a coordinated manner.



About IPWG

The International Precipitation Working Group (IPWG) was established as a permanent Working Group of the Coordination Group for Meteorological Satellites (CGMS) in 2001. The IPWG is co-sponsored by CGMS and the World Meteorological Organization (WMO) and focuses the scientific community on operational and research satellite based quantitative precipitation measurement issues and challenges. IPWG currently has more than 500 registered members from around the globe organized in a set of Working Groups with specific deliverables related to product creation, validation, machine learning and incorporating CubeSats and SmallSats into the constellation, as well as Focus Groups charged with coordinating discussions around topics of mutual interest.

The IPWG Working Groups (WGs) and Focus Groups (FGs) are the following:

- WG 1: Baseline Surface Precipitation Network
- WG 2: Merged Satellite Precipitation Products
- WG 3: Machine Learning
- WG 4: CubeSat/SmallSat
- FG 1: Orographic Precipitation
- FG 2: Snowfall/Particle Scattering
- FG 3: Data Assimilation
- FG 4: Land Surface

More information about IPWG at: <https://www.eorc.jaxa.jp/IPWG/>

Abstract Submission

Abstracts that deal with current operational and research precipitation estimation techniques, challenges related to the estimation of high-latitude and orographic precipitation, applications to hydrology, climate, and weather, algorithm development, temporal and spatial trends in precipitation, novel validation efforts, precipitation forecasting, and future satellite missions are encouraged.

A call for abstract will be released in the coming weeks and registration/abstract submission will start on October 2025. It is expected that abstracts will be due in January/February 2026.

IPWG-12

The 12th IPWG Workshop is organized by the Institute of Meteorology and Water Management National Research Institute in Krakow in July 2026, following previous workshops in Madrid (2002), Monterey (2004), Melbourne (2006), Beijing (2008), Hamburg (2010), São José dos Campos (2012), Tsukuba (2014), Bologna (2016), Seoul (2018), Fort Collins (2022), and Tokyo (2024). It will take place at the Jagiellonian University Campus in Kraków.

The focus will be to: “Review IPWG stated Objectives and discuss key challenges to produce state of the art, high resolution, rainfall and snowfall products accessible to the global community”, and to “Recommend future directions to WMO, CGMS, and interested coordinating groups”. This will be accomplished by a series of Plenary sessions, group discussions and poster sessions. A separate training activity will focus on new and emerging satellite technologies, sensors, and precipitation datasets.

Scientific Committee

Prof. dr hab. Zbigniew Ustrnul, UJ/IMGW-PIB, Poland
Dr hab. Agnieszka Wypych, UJ/IMGW-PIB, Poland
Dr Giulia Panegrossi, CNR-ISAC, Italy
Prof. Christian D. Kummerow, Colorado State University, US
Dr F. Joseph Turk, JPL/Caltech, US
Dr Takuji Kubota, JAXA, Japan
Dr Silvia Puca, Department of Italian Civil Protection, Italy
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Local Organizing Committee

Bozena Lapeta, IMGW-PIB, Poland
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