

Potential Contributions of CGMS/IPWG to SWCEM

Ralph Ferraro, NOAA/NESDIS

College Park, MD USA

Rapporteur of IPWG to CGMS

The International Precipitation Working Group (IPWG), one of five science working groups under CGMS, is the primary group that brings together international remote sensing experts – researchers, data providers, end users – and collectively advances the state of the art in precipitation remote sensing science and applications. Consisting of nearly 500 members from over 30 nations, the IPWG meets every two years, but conducts much of its activities through virtual interactions and web portals.

In this presentation, after introducing IPWG and sharing some outcomes of the 8th Workshop of the IPWG (Bologna, Italy, October 2016), a variety of product applications and research activities (obtained from active members of IPWG) are shown as potential contributions to the overarching goals of SWCEM. Looking forward, IPWG maintained, regional satellite product validation centers and new research and development activities centered around data fusion, satellite lightning observations, and space-borne radars will ultimately lead to improved precipitation products that will benefit the goals of SWCEM.