



PSTG – SAR Coordination Working Group

SNOW RADAR SCIENCE MEETING - Plans and Preparations

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SNOW MEETING GOALS, EXPECTATIONS

- WMO HQ, Geneva, January 30-31, 2018
- Address priority science, technical, operational challenges of new spaceborne radar snow missions
- Focus on mission-relevant recommendations from the science community
- Review gaps regarding observing system capabilities and key snow products (SWE/SE)
- Address priority questions / products

SNOW MEETING OBJECTIVES

- ① Review mission requirement maturity and technical readiness of concepts to fulfill measurement requirements for snow
- ② Identify readiness (or main road blocks) of operational centers to assimilate satellite measurements and derived products for snow
- ③ Determine relevant observational / modeling studies to advance SWE retrieval techniques
- ④ Identify secondary geophysical parameters to broaden user base
- ⑤ Define potential for inter-agency collaboration and partnerships
- ⑥ Prepare, endorse WMO / EC-PHORS / PSTG recommendations and actions
- ⑦ Submit to scientific bodies, space agencies for action / coordination

PARTICIPANTS / INVITEES

- 30 participants expected at WMO HQ Geneva
- Organizations and Program represented:
 - ESA, EUMETSAT, Copernicus, ECMWF, GlobSnow, Snowpex, WCRP-CliC, H2020 INTAROS, PolarView
 - NASA, JPL, USGS
 - CSA, Environment Canada, Airbus DS
 - WMO/PSTG, Global Cryosphere Watch, GEO-CRI