

# Wrap-Up BSPN WG

2024/7/18

# OUTLINE

- 1) Reviewing the baseline surface precipitation requirement document that outlines the requirements and steps needed to produce a QPE reference of standard quality from radar and gauge networks for use in satellite data validation.
  
- 1) Talks on surface precipitation networks:
  - Japanese network (Takanori Sakanashi)
  - Korean network (Soorok Ryu)
  - U.S. - MRMS (Pierre Kirstetter)
  - French network (Pierre Kirstetter)

# Discussion on the baseline surface precipitation requirement document

- Questions:
  - Scope, e.g. the target variable is Surface Precip (at this time).
  - Duration of data sets: One year, but shorter periods are OK
  - Number of Rain gauges that are required
  - Radar data format: Single radar or Mosaic
- Comments:
  - Add attenuation correction for short wavelengths (X bands)

# Talks on surface precipitation networks

- Similarities:
  - Data used: Surface radars and rain gauges
  - Methodology: Correction of time-averaged radar intensities using rain gauges
- Question:
  - The optimal time resolution for validating Level-2 (instantaneous) satellite precip estimates
  - Data availability for Korean precipitation datasets
  - Possibility to get data from Argentina