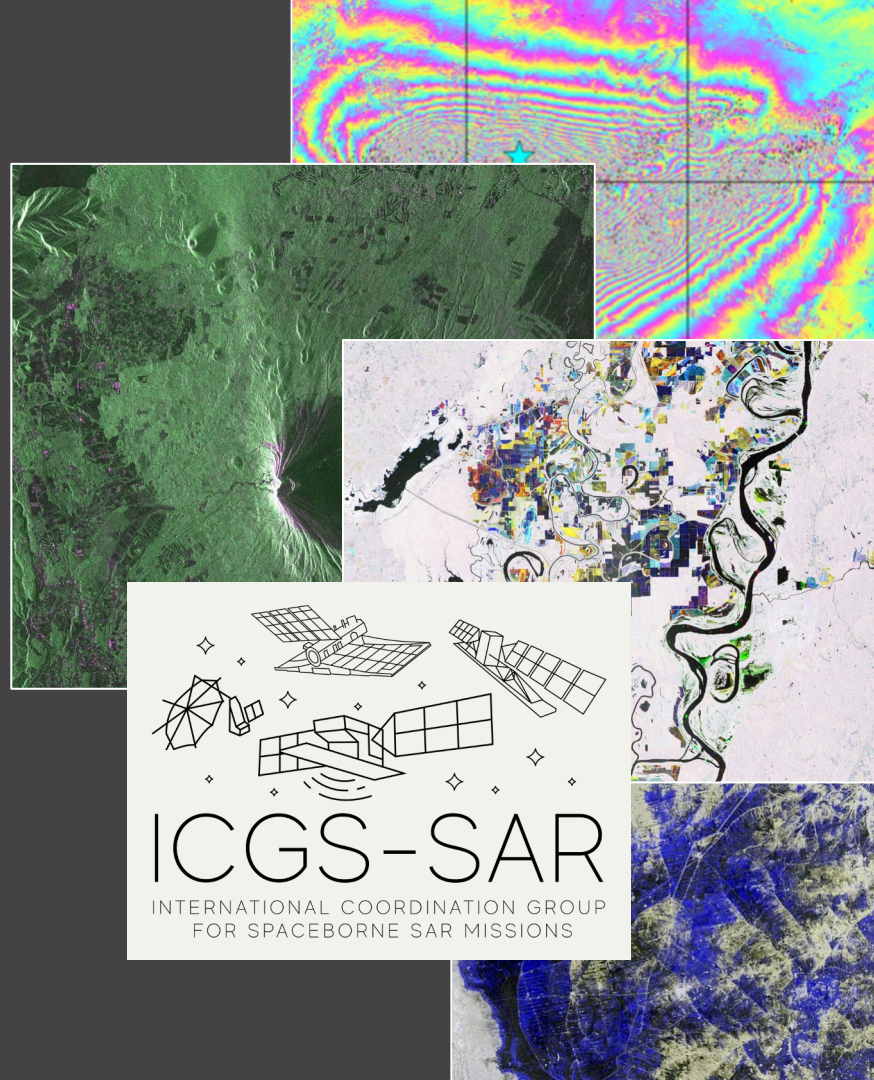
WG1 report

Shin-ichi Sobue
Agenda item 8.1

3rd International SAR Workshop
Saga Prefecture, Japan
6-8 November, 2024



WG1 discussion summary

ICGS-SAR
INTERNATIONAL COORDINATION GROUP FOR SPACEBORNE SAR MISSIONS

- WG1 should revise the **table of data availability adding new missions and revision**
- **Cloud interoperability** should be considered to improve multi-mission algorithms and data accessibility such as STAC, YAML, etc.
- Consider **Global Precipitation Mission (GPM) model** - how can this be applied to higher level SAR products? Can derived products from RCM / ALOS-2/4 / CSG / SAOCOM … be shared openly?
- Most cooperation is done at the bilateral level - can multilateral coordination be achieved to support user requirements?
- Explore Japanese prototyping of automated disaster monitoring tasking and data sharing on Web GIS system and coordinate with existing organizations such as international disaster charter etc.

WG1 discussion summary

ICGS-SAR
INTERNATIONAL COORDINATION GROUP FOR SPACEBORNE SAR MISSIONS

- Advocate for the automation of the activation and tasking of the **International Disaster Charter**
- Need to coordinate and share current methods for **hurricane/typhoon tracking**
  - Should have an information sharing session - perhaps develop a table?
  - Make a one white paper about sharing observation activation rules in each agencies including ESA, CSA, JAXA, etc.
  - Need to explore the cooperation with WMO
- ESA & CSA should coordinate to ensure enough C-band data is collected for **permafrost applications**, ensuring no gap in the time series.
- Need to explore polar region observation (greenland, polar area) cooperation