
Issues to use Satellites in JICA Met. Project

Current Status

- HIMAWAR is widely used in Indo-Pacific JICA projects, and GSMaP is just started to be used. We are on the mark to start to use GSMaP.
- Combined use of GSMaP with HIMAWARI, ground-based observations (e.g., weather radars, rain-gauges) and numerical model outputs is much effective for early warning of severe disasters (e.g., heavy rainfall, landslide, flood).

Issues

- Users of GSMaP should well recognize its characteristics: accuracy of rainfall amount estimation over sea/land and spatial/time resolution) as well as its algorithm to estimate rainfall.
- Publishing a “practice guide for GSMaP users” would be beneficial.

Request

- We hope the spatial resolution of GSMaP (~ 10 km) could be a little improved to be compatible with high resolution numerical models or with the size of single-cell convective storm.
- Closer cooperation between GSMaP provider and users would be beneficial for capacity building of users and for feedbacks on the accuracy information to provider.