Observing mountain precipitation variability from the space

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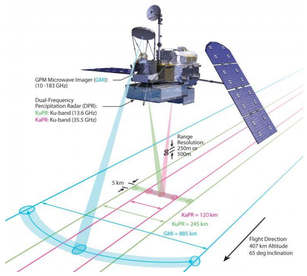
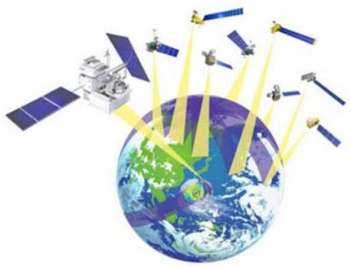
contact

1. Concepts



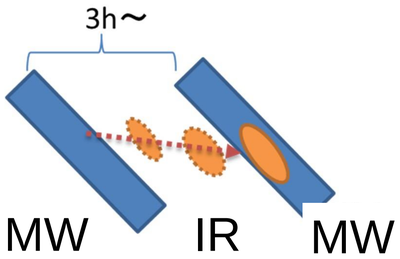
GPM-DPR

(Dual precipitation radar)



PMW constellation

(Passive microwave radiometer)



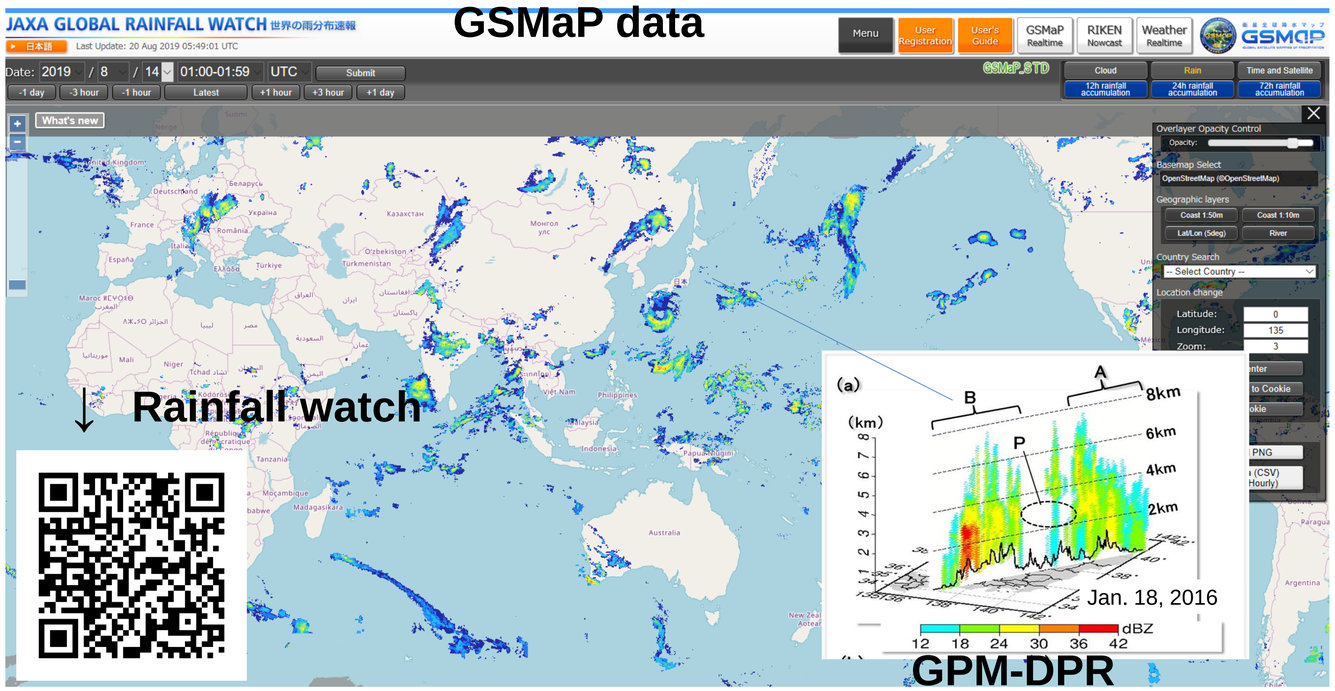
Cloud motion

(GEO-IR)

2. Products

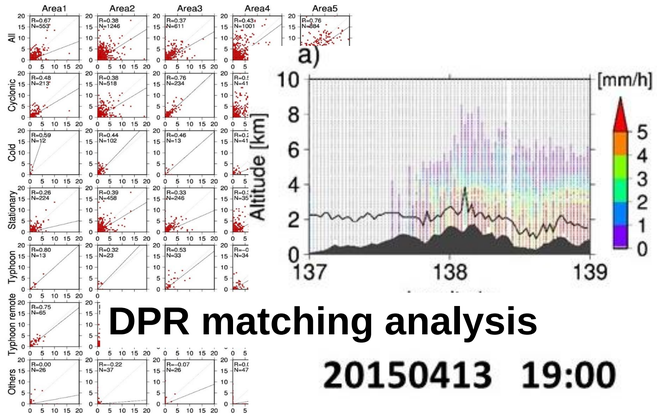
Near real time, hourly, global precipitation + 3D products

GSMaP data



GPM-DPR

3. Validation at mountains



DPR matching analysis

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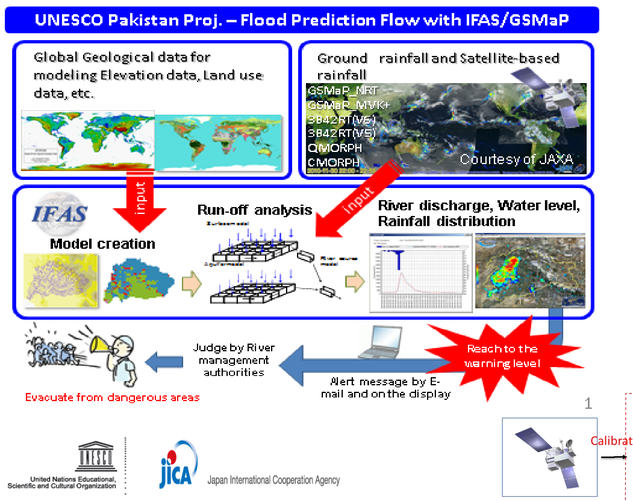
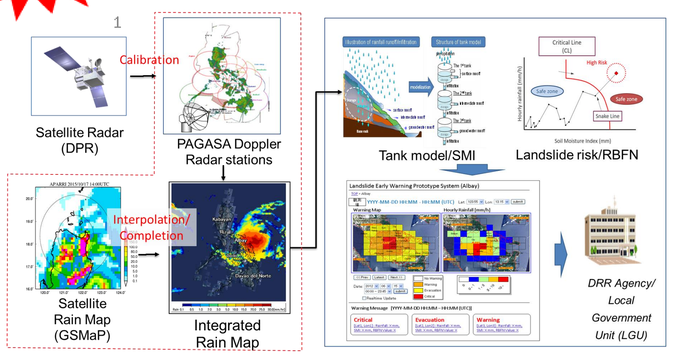
4. Applications



How we can use for mountain studies?

Real-time and high resolution landslide warning system based on ground weather radar combined with satellite sensors



More case studies ⇒