

JAXA's Data Policy for Earth Observation Satellites

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Chu Ishida

**Senior Chief Officer of International Affairs
Space Applications Mission Directorate I
Japan Aerospace Exploration Agency (JAXA)**

- JAXA changed the data distribution policy for earth observation satellites in August, 2013
 - ← GEOSS Data Sharing Principles

- JAXA contributes to
 - GEOSS Common Infrastructure
 - GEOSS Data-Core

2. Data distribution policy for Earth Observation Satellites

(revised in August, 2013)

Defined two categories as follow;

- A. Data with Low or Middle resolution
- B. Data with High resolution

A. Data with Low or Middle resolution

- i) In principle, the data with Low or Middle resolution such as earth environment monitoring satellite data is distributed with “full and open access” policy.
- ii) JAXA accepts non-discriminatory use and re-distribution of those satellite data by users.

A. Data with Low or Middle resolution

Following conditions remain unchanged

- ✓ The data itself is free-of-charge (*: such as cost for media)
- ✓ Distribution cost* could be charged by JAXA
- ✓ Registration is required for only direct distribution
- ✓ Source of the data should be indicated

In general, the policy is applied to the distribution of standard data products. Data policies for other data products such as Level 0 data (raw data) and value added data products are determined respectively.

B. Data with High resolution

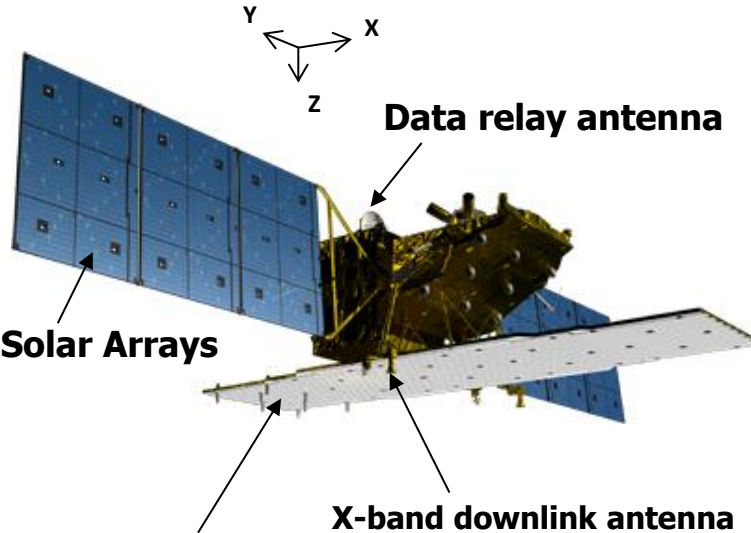
- i) Limited amount of data is provided to the user for the purpose of Disaster Management, Scientific Research, free of charge
- ii) Distribution with the marginal cost to government users under the cooperative agreement
- iii) Private business operator distribute data with commercial price

ALOS-2 Data will be distributed under “full and open access” policy.

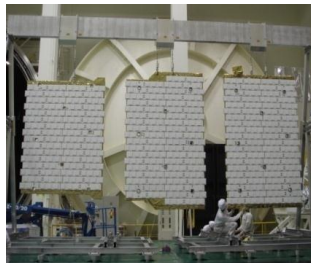
- ✓ JAXA will directly distribute the limited amount of data to agencies or organizations at the marginal cost or free-of-charge under cooperative agreement framework for the government’s disaster measures, other government international cooperations and calibration & validation purposes.
- ✓ JAXA will distribute limited amount of the data for Research Announcement (RA) users for scientific research use.
- ✓ JAXA will distribute the data through a private business operator for general use.

Appendix

ALOS-2 in-orbit configuration



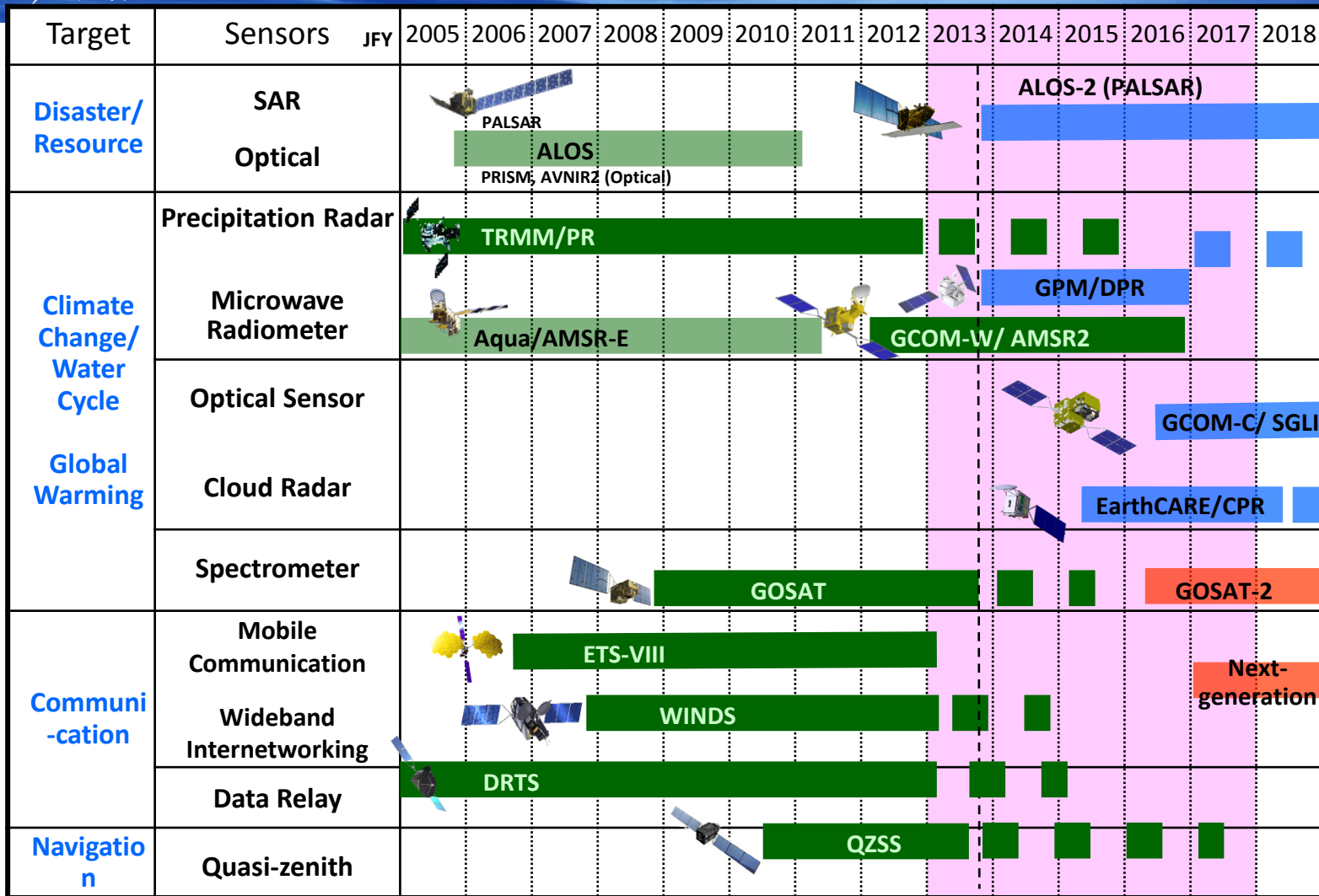
L-band SAR antenna



L-band SAR (PALSAR-2)	Stripmap: 3 to 10m res., 50 to 70 km swath ScanSAR: 100m res., 350km/490km swath Spotlight: 1×3m res., 25km swath
Orbit	Sun-synchronous orbit Altitude: 628km Local sun time : 12:00 +/- 15min Revisit: 14days Orbit control: \leq +/-500m
Life time	5 years (target: 7 years)
Launch	2014, H-IIA launch vehicle
Downlink	X-band: 800Mbps(16QAM) 400/200Mbps(QPSK) Ka-band: 278Mbps (Data Relay)

- **Disaster Monitoring**
- **Agricultural Monitoring**
- **Natural Resource Exploration**
- **Global Forest Monitoring**

JAXA's Mid-Term Plan





Thank you for your attention!