



**Digital
transformation**

"Empowering Development" JICA's Space Cooperation with Emerging Nations

**Office for Science, Technology and Innovation, and Digital Transformation
Governance and Peacebuilding Department
Head of space team
Tomohiro Ogawa**



Leading the World with Trust

JICA, with its partners, will take the lead in forging bonds of trust across the world, aspiring for a free, peaceful and prosperous world where people can hope for a better future and explore their diverse potentials.



Human Security

Fostering societies where all the people can protect themselves from various threats and lead their lives in security and with dignity

Quality Growth

Promoting sustainable growth with less disparity and without harming environment



People

Societies where all can live healthy, safe lives



Peace

Peaceful, just societies without fear and violence



Prosperity

Prosperous, sustainable economies at harmony with nature



Planet

Care for the Planet



1,784 bil JPY

Operations extended globally in 2019, including ODA loans, PSIF, Technical Cooperation, and Grant *

 **1,500 +** PROJECTS

ODA and JICA-related projects that are under implementation globally



13,217 People

Training participants and students from developing countries welcomed in Japan



9,163 People

Experts and JICA volunteers newly dispatched to developing countries from Japan



150 Countries & regions in operation



96 Overseas offices



14 Domestic offices

- 
- 1 Utilization of Space Technologies** for socio-economic development
 - 2 Human Resource Development** in the field of space technology and space policy
 - 3 Development of Space-related Infrastructure**

JICA history in space-related activities

2014

2019

2023

JAXA-JICA collaboration



2000s~
Satellite data
utilization
in JICA projects



Scholarship program for space related sector



Technical cooperation for space agencies



2014

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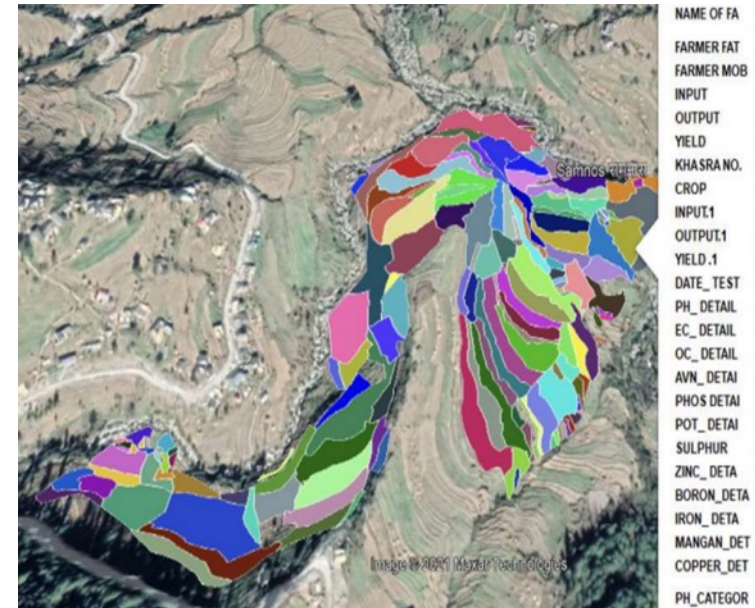


JICA is user of satellite images in each sector domains.

- Does not develop space-related technologies but use them to achieve the SDGs in developing countries.
- Contributes to various socio-economic activities, including forest and natural environment conservation, disaster prevention, urban development, and promotion of agriculture, forestry, and fisheries.



Project for improving control of illegal deforestation through advanced SAR and AI technologies in the Brazilian Amazon (2021-2026)



Making digital Agriculture map in Himachal Pradesh Crop Diversification Promotion Project (2021)

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Scholarship program for space related sector



Technical cooperation for space agencies



In April 2014, JAXA and JICA signed a basic agreement on the promotion of collaborative cooperation with the aim of contributing to solving diverse development issues and global challenges faced by developing regions.



2014

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JAXA-JICA collaboration



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Scholarship program for space related sector



Technical cooperation for space agencies



JICA-JAXA Network for Utilization of Space Technology(JJNeST) (2019~)

Objective	To contribute to SDGs through sustainable network of individuals and institutions of Space Organization, University and Private Company in target countries and Japan (JICA and JAXA).
Partner Countries	All target countries
Programs	(1)Annual Meeting (to be held in APRSAF)
	(2) Short-term Training Programs of JICA (2 weeks in Japan, 10 staffs)
	(3) Scholarship Program (master, doctor) (15 staffs every year)
	(4) Other Programs ①JICA Alumni (Networking of Participants of (2) and (3)) ②Space Technology Seminar (provisional)



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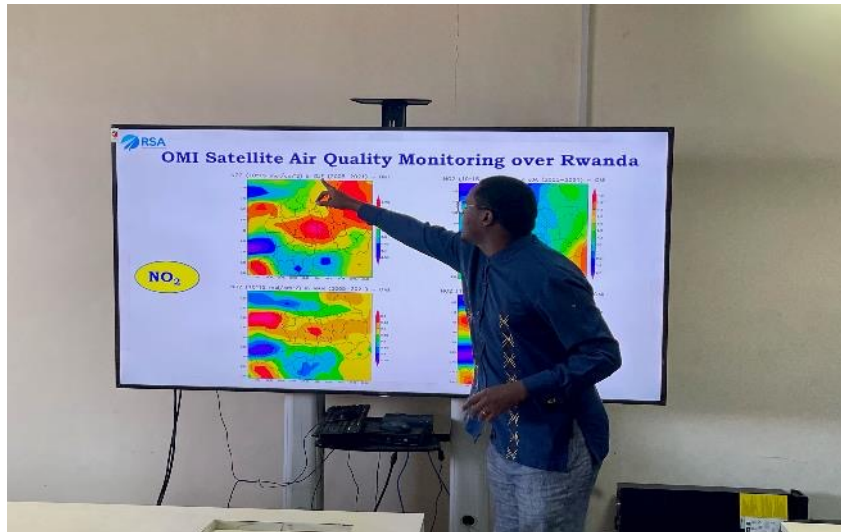


Technical cooperation for space agencies



Rwanda

- ① Satellite development capability in space agencies is strengthened
- ② Satellite data utilization is promoted by space agencies



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Prospects in JICA space sector cooperation

2023

2024

2025

JAXA-JICA collaboration

Technical cooperation for space agencies



Comprehensive cooperation in Paraguay



Expand scholarship program

TICAD9

Tokyo International Conference on African Development



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Thank you for your attention.

contact : Ogawa.Tomohiro@jica.go.jp