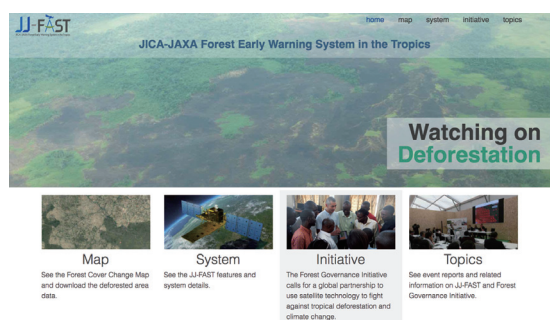
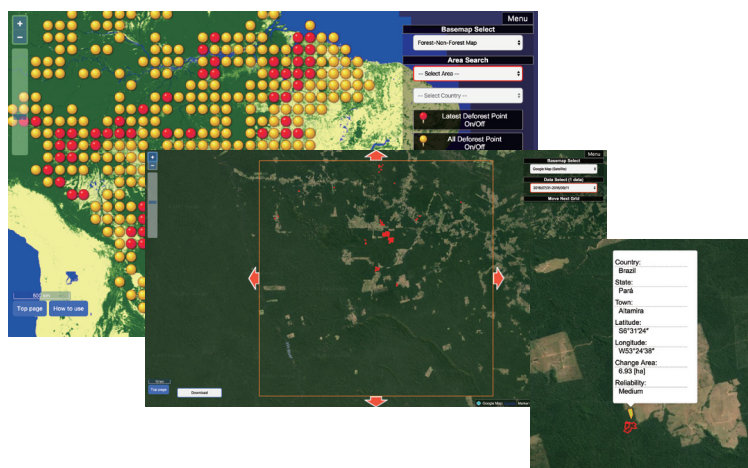





Japan International Cooperation Agency (JICA) and Japan Aerospace Exploration Agency (JAXA) launched a new Forest Governance Initiative in June 2016. In this initiative, JICA and JAXA develop an early warning system for deforestation of tropical forest: JICA-JAXA Forest Early Warning System in the Tropics by using JAXA' s Advanced Land Observing Satellite (ALOS-2).



Screen images of the JJ-FAST website

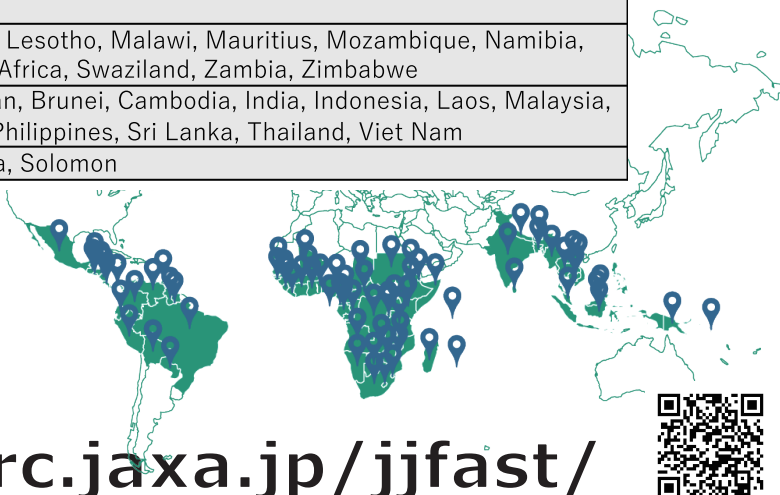


Features of this System

-  **Point1:** ALOS-2 is able to transmit through the cloud.
-  **Point2:** The system monitors tropical forests every 1.5 months basis for 77 countries with 50m resolution.
-  **Point3:** The system allows free access from PCs and mobile devices from anywhere in the world.

Target Countries under the JJ-FAST

| Area | | Country |
|---------------|--|--|
| Latin America | South America 9 countries | Bolivia, Brazil, Colombia, Ecuador, Guyana, Paraguay, Peru, Suriname, Venezuela |
| | Central America and the Caribbean 9 countries | Belize, Costa Rica, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Trinidad and Tobago |
| Africa | West 12 countries | Benin, Burkina Faso, Côte d'Ivoire, Ghana, Guinea, Guinea Bissau, Liberia, Mali, Nigeria, Senegal, Sierra Leone, Togo |
| | East Africa 12 countries | Burundi, Djibouti, Ethiopia, Kenya, Madagascar, Rwanda, Seychelles, Somalia, Sudan, South Sudan, Tanzania, Uganda |
| | Central Africa 8 countries | Cameroon, Central African Republic, Chad, Republic of Congo, Democratic Republic of Congo, Equatorial Guinea, Gabon, Sao Tome and Principe |
| | South Africa 11 countries | Angola, Botswana, Lesotho, Malawi, Mauritius, Mozambique, Namibia, Republic of South Africa, Swaziland, Zambia, Zimbabwe |
| Asia | 14 countries | Bangladesh, Bhutan, Brunei, Cambodia, India, Indonesia, Laos, Malaysia, Myanmar, Nepal, Philippines, Sri Lanka, Thailand, Viet Nam |
| Oceania | 2 countries | Papua New Guinea, Solomon |

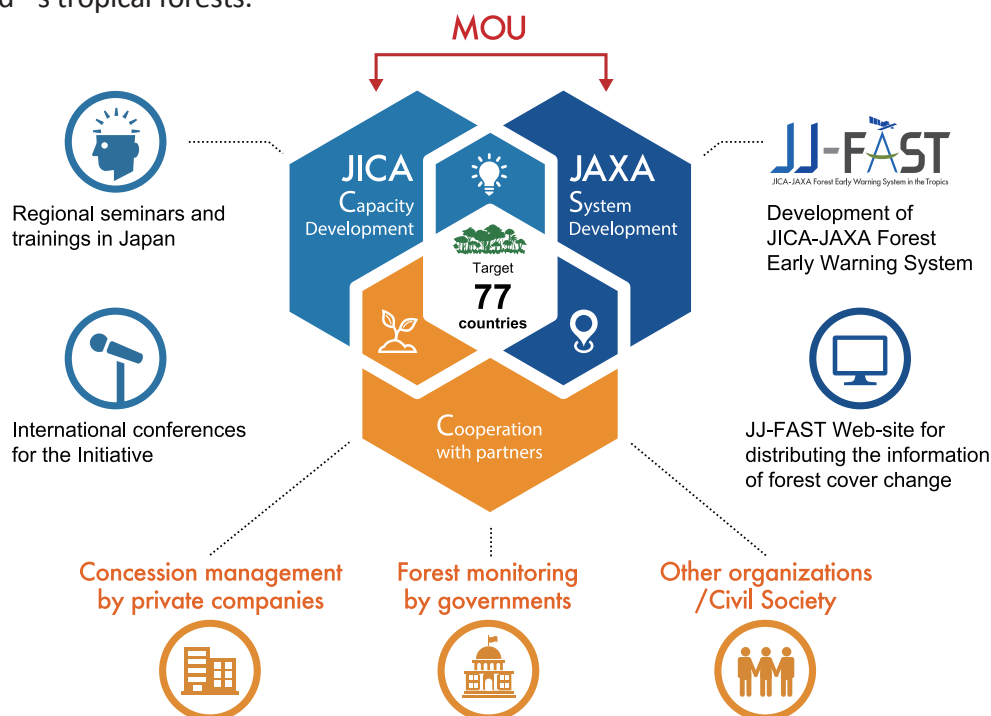




Forest Governance Initiative

Forest can change the world—

The Forest Governance Initiative aims to encourage better use of satellite technology and multi-stakeholder partnerships to contribute to global tropical forest and biodiversity conservation and climate change mitigation. The Initiative is promoted by a partnership between JICA and JAXA. Any other organizations and private companies are expected to join the initiative to contribute to the conservation of the world's tropical forests.



Achievements of the project for Combat against Illegal Deforestation

in Brazilian Amazon Forest (2009-2012)

The Utilization of ALOS images impressively supported the Brazil-JICA project to identify deforestation and illegal logging in Brazil. ALOS is suitable to detect deforestation and illegal activities of tropical forests. The project contributed to detect more than 1,000 deforestation and 150 illegal logging cases respectively from 2010 to 2011. The extent of forest decline in 2014 was 500,000 hectares, which was about 80 % less than the 2004 level.



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