

2014 – 2019 JICA-PNGFA PROJECT

Capacity Development Project for Operationalization of PNG Forest Resource Information Management System (PNG-FRIMS) for Addressing Climate Change



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Outline of the Project



Situation of Papua New Guinea

Papua New Guinea (PNG) contains some of the largest areas of tropical rainforest in the Pacific region. The tropical rainforest plays important roles in many aspects, contributing to the national economy through timber exports, rich biodiversity and mitigation of climate change. While alarming rate of loss and degradation of forest have been reported in recent decades, there was no robust forest monitoring system in PNG. In order to address this challenge, Japan International Cooperation Agency (JICA) and PNG Forest Authority (PNGFA) implemented a capacity development project from March 2011 for three years, combined with the Japanese Grant Aid Program that provided the project with remote sensing data, GIS equipment, and training program for the officers of PNGFA and other relevant government agencies.

Outcomes of the Precedent Project 2011 – 2014

The project successfully improved Nation-wide Forest Base Map 2012 that suggested a necessity of closer monitoring on forest operation and the extent of forest degradation and deforestation over the 37 million hectares of forest in PNG. The project also established a PNG Forest Resource Information Management System (PNG-FRIMS) based on a GIS system with remote sensing technology. The output of the project included proposals on some tools for forest monitoring including radar technology and carbon estimation. The project also contributed to determining thresholds of national definition of forest of PNG.

The New JICA-PNGFA Project 2014 – 2019

In order to improve the cyclic management of forest in PNG in coherent manner, the new project aims to enhance capacity of PNGFA to continuously update forest information and to fully operationalize and utilize PNG-FRIMS for promoting sustainable forest management and for addressing climate change. The new project commenced in August 2014 and will terminate in August 2019.

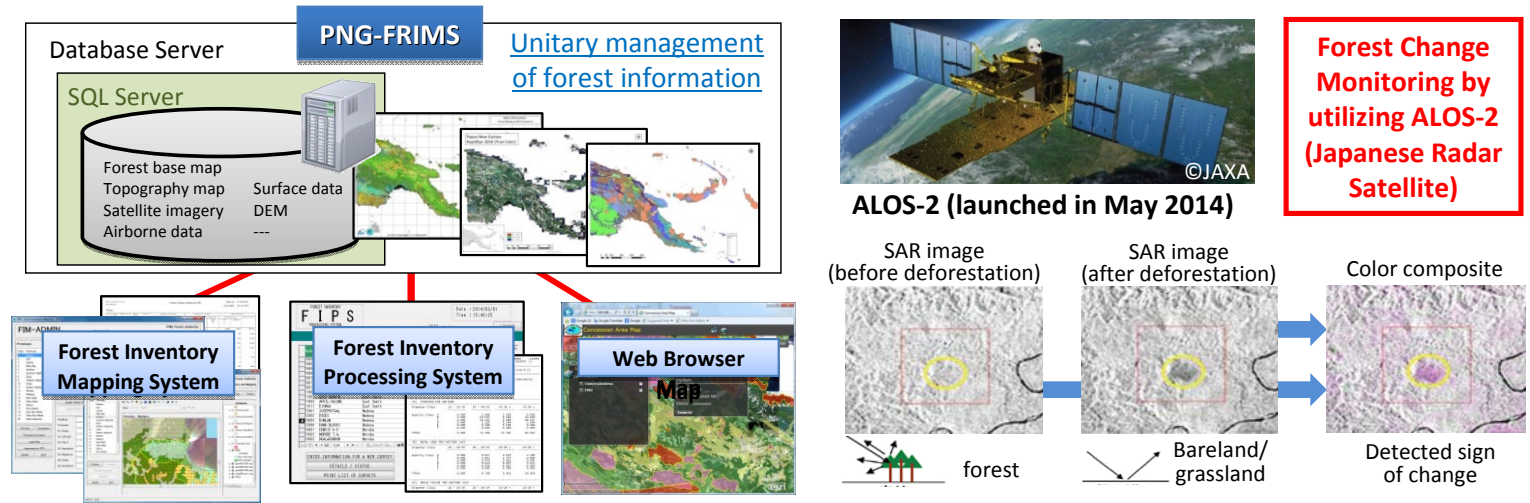
Contents of the Project



Activity 1 Expanding PNG Forest Resource Information Management System

Basic policy : Updating the forest information utilizing satellite technology of Japan and surface data of PNG

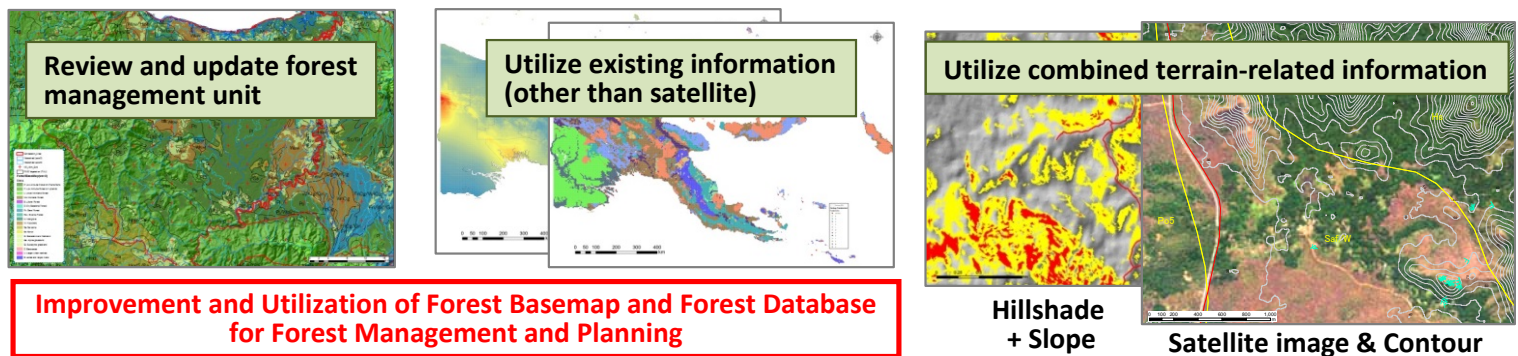
Challenges : Regular update / monitoring of the developed forest information



Activity 2 Improving National Forest Plan, Provincial Forest Plans, Forest Management Plans and Their Monitoring System

Basic policy : Supporting to plan forest conservation and management and addressing REDD+

Challenges : Application of the developed forest information for forest conservation and management



Activity 3 Preparing Forest Information for Addressing REDD+

Basic policy : Contributing to coordination among stakeholders by utilizing national forest basemap & database

Challenges : Application of outputs in activities of other donors and stakeholders



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JICA Project Site: <http://www.jica.go.jp/png/english/activities/activity12.html>

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