



Project Title:	Application of GIS to Land-use Management in PNG: Remote Sensing Land Use Initiative	
Duration:	Original 2 year duration – (Starting 01/11/2002, Ending 31/12/2004) Project Duration extended – (Starting 01/11/2005, Ending 31/12/2006)	
Implementing Agent: Cooperating/Associated Agencies:	The University of Papua New Guinea German Development Services, European Union, Conservation International	
CCF Sectoral Theme:	Governance	
Funding:	UNDP (TRAC):	US\$ 837,000
	German Development Services	US\$ 474,500
	Conservation International	US\$ 90,000
	European Union	US\$ 150,000
	University of PNG	US\$ 55,000
	Total Project Cost:	US\$ 1,766,700

1. Brief Background/Description:

The project is aimed at providing open access for the people of Papua New Guinea to information about the status of land use in the country. It involves the production of spatial accounts of the land-use patterns across the country, thereby equipping those managing land assets with reliable data on which to base their decisions and activities.

2. Project Objectives:

The project aims to acquire, process, analyse, and distribute current satellite imagery and data of PNG to academic, institutions, government departments, NGOs, private sector and the general public. Specifically, the project will create the following outputs:

- A satellite coverage database containing information on land-use, including types of land use, vegetation cover, biodiversity, and measures of environmental health, permitting assessment of the spatial impact of agricultural, forestry, and other resource dependent activities at different scales.
- Awareness and Information Materials detailing the state of land use in PNG and its transformation over space and time.
- Interactive GIS planning tools designed explicitly for provincial governments based on a coupling of the 2000 Census data and the satellite image coverage.
- A UPNG GIS teaching center for undergraduate and postgraduate students.

3. Accomplishments/Planned Activities:

- Agreement signed with SPOT Imagery Australia for the provision of satellite imagery.
- Four undergraduate courses which begun in first term 2004.
- The creation of several national datasets made available in 2004.
- The provision of data and expertise in GIS to several government departments and NGOs.
- The completion of an interactive web-site design. The UPNG Remote Sensing Center and Mapping Portal can be accessed at: <http://www.rsc.upng.ac.pg/>

4. Status:

The original date for project implementation ended 31 December 2004. A tri-partite committee meeting took place on 10 March 2005 at which the decision for the continuation of the project until 31 December 2006 was approved.