

Minutes of the GIS User Forum Meeting – FLIS Conference Room
Tuesday 3rd June 2008 at 02.30 pm

Present:

FLIS	Rashmi Rita Malakai Vakautawale Lorosio Raikivi
NLTB	Poiongo Lisati Silika Tuivanuavou George Tami Nelly Snow
SOPAC	Wolf Forstreuter Joy Papao Emily Artack Arieta Sokota Andrick Lal Edwin Liava'a Brian Bishop Keleni Raqisia Noud Leenders
USP	ConwayPene Gennady,Gienko
Agriculture	Kasaqa Tora
SPC	Tevita Kete
FEA	Timoci Bavadra Etika Naitini
WCS	Naushad Yakub Stacy Jupiter Ingrid Qauqau
Forestry	Josua Wainiqolo Akosita Lewai
NET Fiji (NAGIS)	Nasi Racaca

Apologies:

Lukemine Kevin (in CWM Hospital)

Welcome

Welcome address by Rashmi of FLIS addressing the big turnout to today's meeting.

1. Updates

FLIS

- State Land GIS (VanuaInfo) Mapping Project is ongoing
- Lands Website updated
- FLIS Internet Portal released
- E-Governance
- GIS Adhoc Job Requests is ongoing
- Vanuaview Technical Support- ongoing
- Administrative Boundaries Project-ongoing
- State Foreshore Lease Project-ongoing

NLTB

- Native Reserve Data Capture is ongoing

Agriculture

- Tikina Base project on hold
- Identify proper Land use area for Cassava Farms for Ethanol.

SOPAC

- One SOPAC team is currently training GIS&RS user in Pohnpei, FSM in GIS backdrop production and utilization. Identify proper Land use area for Cassava Farms for Ethanol.
- Another Team in Honiara, Solomon Islands to establish a GIS for water catchment monitoring. The new approach is the application of raster GIS, which allows overlay analysis required for catchments. During the last weeks another SOPAC team was in monitoring. The new approach is the application of raster GIS, which allows overlay analysis required for catchments.
- May 7-9th Japan Hydrographic Association and SOPAC Coordinated a 3 day training workshop in Suva on learning software to assist 8 PICs with their technical work in preparing submissions for potential Extended Continental Shelf areas for their respective countries. The participants that attended were from Cook Is, Federated States of Micronesia, Kiribati, Palau, PNG, Solomon Is, Tonga and hosts, Fiji. Honiara, Solomon Islands to establish a GIS for water catchment monitoring. The new approach is the application of raster GIS, which allows overlay analysis required for catchments. During the last weeks another SOPAC team was in monitoring. The new approach is the application of raster GIS, which allows overlay analysis required for catchments.
- One SOPAC team will go on Sunday to Majuro, Marshall Islands to establish a DTM at 1:10,000 scale with sub meter contour lines using RTK GPS technology. May 7-9th Japan Hydrographic Association and SOPAC

WCS

- Analysis of Coral reefs and Insects is ongoing
- Marine Reserve network -ongoing
- Analysis of Terrestrial and Marine threats

FEA

- Continuation of Data Capture for Vanua Levu.

FORESTRY

- Continuation of their Data Capture

NET FIJI (NAGIS)

- Developing GIS on Community Based Program Working with the Ministry of Culture and Heritage Team on Reservation of National Parks

SPC

- Observer in the meeting

2. Presentations

Wolf (Sopac)

Wolf Forstreuter "DTM Establishment in Solomon Islands". The explained how to create a DTM from MapInfo poly lines. The data set was checked in Access before importing to ERDAS for the actual DTM establishment. Access provides the tools to identify data problems.

Wolf Forstreuter "Utilization of DTM, Overlay Analysis in Raster GIS Environment". The presentation showed the potential of raster data to combine different GIS layers such as soil, population, sub-catchment boundaries and land use with information provided by the DTM like slope, aspect, height.
Conway (USP)

File-based data storage for GIS data can lead to problems of multiple copies and file locks on network shared files, especially when editing GIS data.

GIS technology is now using relational database management systems

(RDBMS) to store GIS (both spatial and attribute) data in a relational database. This presentation demonstrated the use of SQL Server Express as a data storage database with multiple ArcGIS Desktop clients simultaneously editing data. The concepts of versioning and the use of privileges were also demonstrated.

Finally the use of a 'check-out and check-in' facility was demonstrated to show the capabilities of disconnected editing.

Meeting Closed at 4.25pm.

Next meeting's scheduled for the 8th of July 2008.

Lorosio Raikivi

FLIS