

The Role of Participatory 3 Dimensional tool in Community Decision making in Samoa

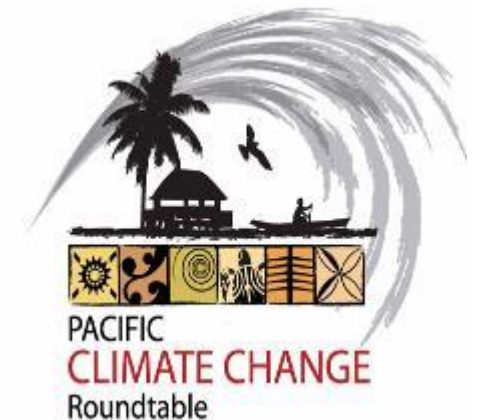


Yvette Kerslake

Ministry of Natural Resources and Environment

Pacific Climate Change Roundtable (PCCR)

Parallel Event 2, Tanoa Tusitala Hotel, 12th May 2015



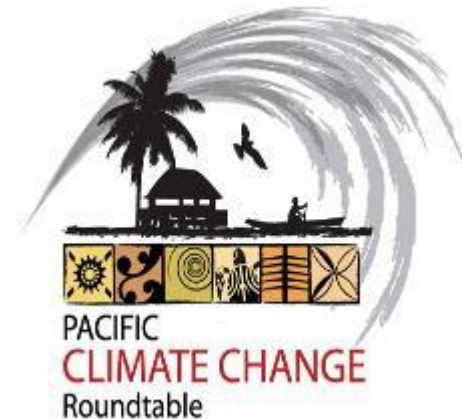
TIMEFRAME: 5 YEARS 2011-2016

PROJECT FUND: GEF

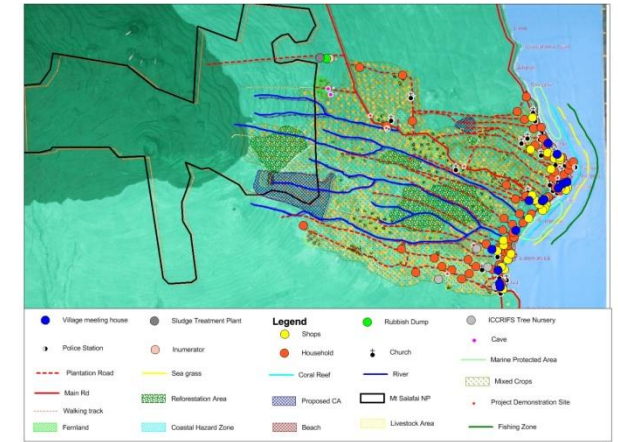
IMPLEMENTING AGENCY: UNDP

EXECUTING AGENCY : MNRE

OBJECTIVE: “To increase the resilience and adaptive capacity of Samoa’s forest areas and communities depending on them for livelihoods to the threat of climate change through targeted interventions in lowland agro-forestry and upland native forestry areas”.




P3D Models with Communities in Samoa



- P3DM is a community engagement tool which integrates spatial data with local “traditional knowledge” and used widely by SIDS e.g Samoa for spacial planning, climate change adaptation, Disaster Risk Reduction etc.
- P3DM is a product of GIS data, it uses GIS technology to build model from series of contour lines and important source of information to enter into GIS for participatory planning and implementation.



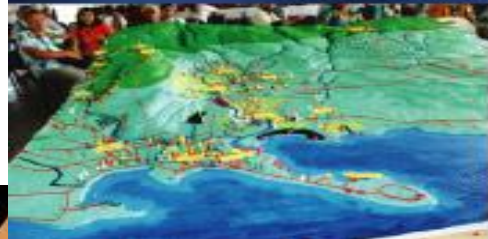
P3DM with communities in Samoa

- 8  [Place-mark for Tourism Sector](#)
- 8  [Place-mark for Forestry Sector](#)
- 2  [Place-mark for Water Sector](#)

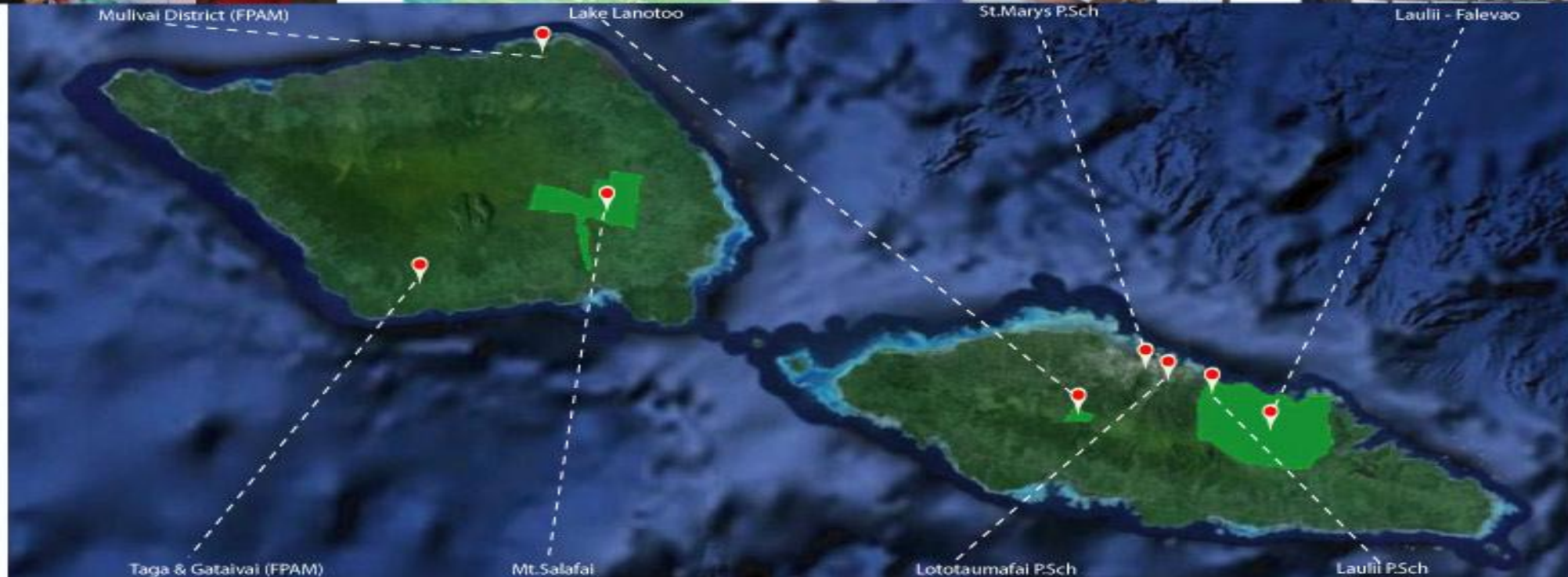
TOTAL OF 18 - P3D Models



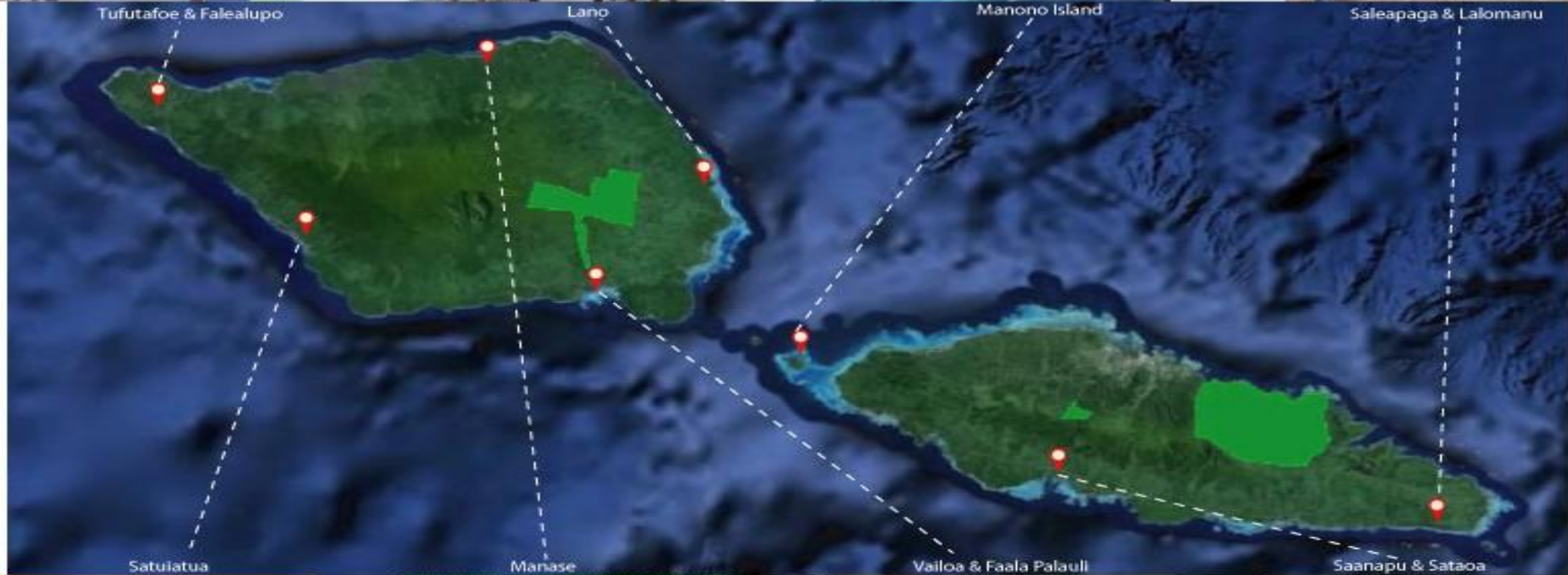
Water Sector



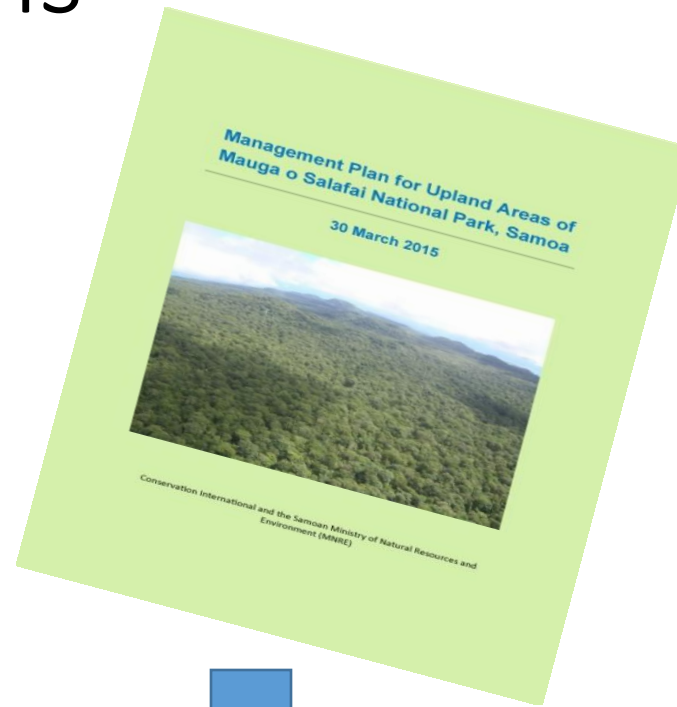
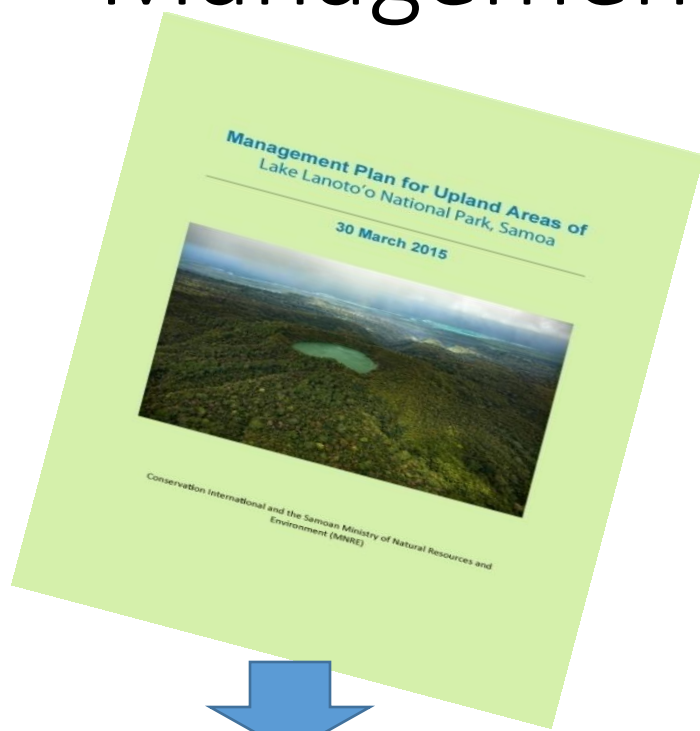
Forestry Sector



Tourism Sector



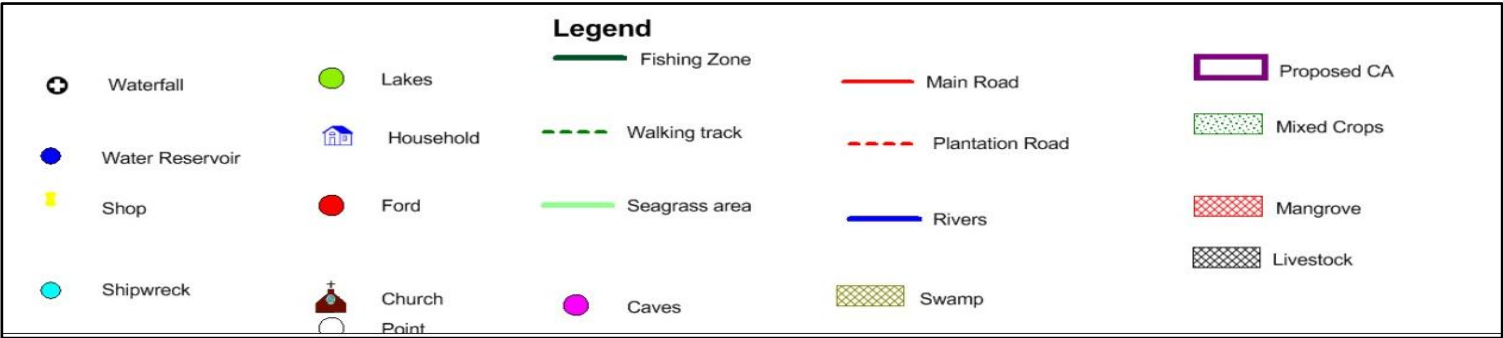
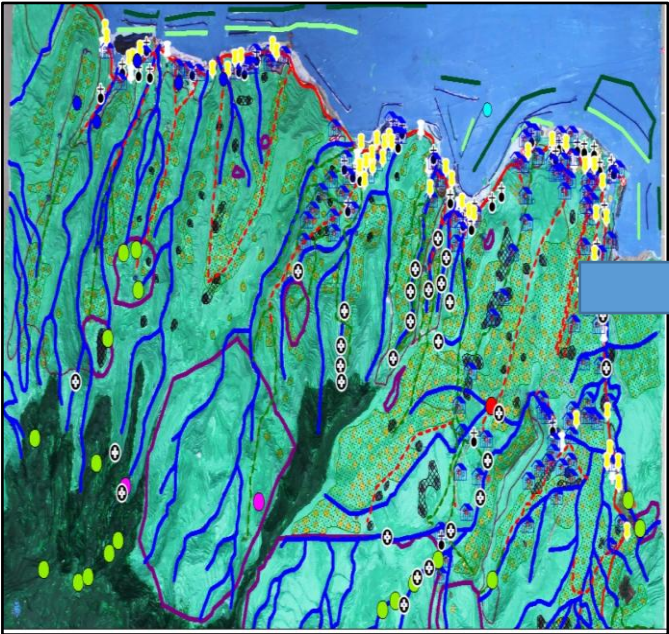
Management Plans



Community Plans



P3DM – Community Implementation



Conclusion / Recommendation

- P3DM is an important tool that can provide a bridge/platform for local people communities to talk with and engage with Government/Policy Makers at the national, regional and international level.
- P3DM has many applications as useful planning tool for natural resource management, climate change adaptation & Mitigation and Disaster Risk reduction.
- The P3DM enables us to reflect on the past, look at the present and propose new perspectives for future sustainable management of resources for Samoa and other pacific island countries





Thank you

Faafetai Tele Lava



P3DM Global updates including Samoa available from the following websites;

- <https://www.mnre.gov.ws>
- <https://www.sprep.org>
- <https://dgroups.org/groups/ppgis> electronic discussion list on the topic, 2500 members from around the world
- www.facebook.com/ppgis latest updates and news
- www.twitter.com/ppgis
- www.twitter.com/PGISatCTA

