

Pacific Project on Early Warning System

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Information and Communications
Technology and Disaster Risk
Reduction Division





Outline

1. What we aimed
2. What we did
3. What we achieved
4. What we learned
5. What we will do

1. What we aimed

Our Objectives

- Early warning systems
- Data and information flow (Geo data platform)
- Capacity on geospatial data and early warning system
- Building systems
- Sustainability
- Bridging out Pacific to other Asia sub-regions

2. What We Did

Project Activities

1. Tried to understand current situation of early warning systems and geo-data platform
2. Two intensive (one-month) capacity building trainings
3. 7 pilot projects in 5 Pacific countries
4. Pacific strategy on knowledge hubs for early warning system

3. What We Achieved

Outputs

- Better understanding on geospatial data and geo-portals (Geo-spatial data sharing platforms) for operation of early warning systems in Pacific
- Supported Pacific countries to build and operate online geo-portals for early warning systems and disaster risk management
 - Fiji, Micronesia, Solomon Islands, Tonga (Ex: <http://www.fijigeoportal.gov.fj>)
- Establishment of high resolution Weather Research Forecasting (WRF) Model in Solomon Islands and Tonga
- Establishment of Ocean Wave Model (Wavewatch3) in Solomon Islands
- Establishment of Drought Monitoring System in PNG

Outputs

- Draft three - five year work plan for sustainability, focusing the sustainable operation of the implemented geo-portals and early warning systems
 - Fiji, Tonga, Micronesia, PNG, Solomon Islands
- Strengthened partnerships with regional organizations such as UNISDR, WMO, SPC, SPREP, AIT, BMKG, JMA and JAXA of Japan, and other institutes in Japan and Korea.
- Bridges Pacific countries with regional institutes in Asia
- Promoted South-South cooperation (Indonesia provided her knowledge and capacity to Pacific countries)



4. What We Learned

Lessons Learned

1. Limitation of ad-hoc project-based assistance
2. Pre planning or joint project with Pacific partners
3. Pacific countries needs their own system to create data whenever they need
4. Pacific countries needs good human resources and capacity to make good project proposal for funding
 - Suggested inviting advisors and volunteers from donors
5. Customized projects are more effective
6. Pacific countries needs more opportunities for technical capacity building
 - Long-term tertiary education: 6-12 months



4. What We Want To Do

Future Focus

1. New projects in mind
 - Drone-based geospatial data center
 - Statistical geospatial data management
2. Support Pacific countries how to make good project proposal to what donors
3. More opportunities for long term technical higher education
 - Need to learn more how other island countries developed when they were developing countries.
4. System building that can create own geospatial data when needed
5. MOU for joint project from the beginning with Pacific countries and organizations

Thank you very much!

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