

Need Assessment- Geospatial Data Sharing for Disaster Risk Reduction

Dear Sir/Madam,

Thank you for participating in this survey and providing us with the requested information.   
This survey takes only about 10 minutes to complete.

**Objectives of the Assessment**

This survey is being conducted to identify potential gaps and needs of using geospatial information in your country. Information collected though this survey will help us better address your needs through building appropriate capacity building programs and pilot country projects.

**About the Project**

The survey is under the project "Strengthening multi-hazard risk assessment and early warning systems with applications of space and geographic information systems in Pacific island countries ".

The main objectives of this project is to support Pacific Island countries in the use and dissemination of geospatial information for disaster risk reduction (DRR) and sustainable development by:

1. Implementing web-based geospatial data sharing platforms (geo-portals) with tools to manage and share DRR data as well as socio-economic data;   
2. Improving capabilities for web-based mapping and geospatial data management (geo-database);  
3. Conducting capacity building training programs on Remote Sensing, GIS and geospatial data sharing frameworks

The project is being implemented by the United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP) and the Asian Institute of Technology (AIT).

For further information about this project, or the survey, please email: [geoinfo@ait.ac.th](mailto:geoinfo@ait.ac.th)

# About You

**Your Country**

**Your position or title**

**How long have you been working in this position?**

* Less than 1 year
* 1-5 years
* More than 5 years

**Which of the following tools are familiar to you?**

* Geographic Information Systems (GIS) – ArcGIS/QGIS /Other
* Remote sensing -- ENVI/ERDAS/Other
* Google Earth
* Web GIS Applications
* Global Positioning Systems (GPS)
* None

**How often do you use geospatial data for your work?**

* Very frequently (e.g. every day)
* Regular (e.g. every month)
* Seldom (e.g. once a year)
* Never

# About Your Organization

**Your agency or organization name**

**What category best describes the organization you work for**

* Government
* Education/Research institution
* Nonprofit
* Multi-/Bi-lateral donor or technical assistance agency
* Intergovernmental organization
* Private company or professional association
* Program or project
* Independent consultant

**Which of the following tools are being used in your organization?**

* Geographic Information Systems (GIS) – ArcGIS/QGIS /Other
* Remote sensing -- ENVI/ERDAS/Other
* Google Earth
* Web GIS Applications
* Global Positioning Systems (GPS)
* None
* Other:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**How often does your organization use geospatial data?**

* Very frequently (e.g. every day)
* Regular (e.g. every month)
* Seldom (e.g. once a year)
* Never

**How often does your organization acquire for free or purchase spatial data?**

* Very frequently (more than once a year)
* Regularly (once a year)
* Seldom (less than once a year)
* Never
* Don’t know

**How often does your organization publish geospatial data using Web GIS technologies?**

* Very frequently (more than once a year)
* Regularly (once a year)
* Seldom (less than once a year)
* Never
* Don’t know

**How often does your organization publish documents such as PDF, JPG based on the analysis of geospatial data?**

* Very frequently (once a quarter)
* Regularly (once a year)
* Seldom (less than once a year)
* Never
* Don’t know

**What are the major constraints to using, sharing and publishing geospatial data and analysis? Please choose as many as you think appropriate.**

* Unavailability of software
* Lack of hardware
* Lack of GIS software experts
* Lack of RS software experts
* Unavailability of a data sharing platform
* Not enough budget for acquiring data
* Lack of Institutional arrangements for sharing data
* Others: \_\_\_\_\_\_\_\_\_\_

**What types of geospatial data are being used by your organization? Please choose as many as you think appropriate.**

* Agriculture
* Climatology
* Disaster Risk Management
* Environment
* Health
* Landuse/ Landcover
* Transportation
* Others: \_\_\_\_\_\_\_\_\_\_

# Web GIS and Data Sharing

**Are you currently using any Web GIS platforms within your organization to share geospatial data?**

* Yes
* No

**If Yes, What is/are the Web GIS platforms you use?**

* GeoServer
* GeoNetwork
* GeoNode
* ArcGIS Server
* Others: \_\_\_\_\_\_\_\_\_\_
* Don’t know

**If your organization does not have any Web GIS platform, do you think it is useful to have one to share geospatial data?**

* Yes
* No

**If “Yes”, please specify why: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Do you think, your organization policies allow to share geospatial data with other national agencies or other stakeholders over the internet (Note: with appropriate access controls)?**

* Yes
* No
* Not internet, but only within Intranet (Organization Local Area Network only)
* Don’t know
* Other:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**In case your organization wishes to receive training/ technical assistance related to Web GIS and geospatial data sharing, can you explain bit about the exact needs: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

# Infrastructure

**If your organization** **receives training and technical assistance to implement a geospatial data sharing platform (geo-portal);**

**Can your organization provide a server room/ data center space to keep a new server?**

* Yes
* No
* Don’t know

**Can your organization provide Internet connectivity to a new server?**

* Yes
* No
* Don’t know

**Can your organization provide a medium scale server to build a geo-portal?**

* Yes
* No
* Don’t know