



**Regional Committee of United Nations Global Geospatial
Information Management for Asia and the Pacific
(UN-GGIM-AP)**

Established by a United Nations Resolution



In Support of Responsible Governance and Sustainable Development : UN-GGIM-AP Activities

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Uniqueness of Pacific Islands



Pacific Plan since 2005



The 44th Pacific Islands Forum

Majuro, Marshall Islands

3-6 Sept. 2013



Climate Change



Sustainable
Economy



International
Cooperation



Regional
Coordination

Challenges for Sustainable Development



Green Energy



Communication
Network



Urbanization



Ecology Fragility



Tropical Agriculture



Rain Forest



Environment
Protection



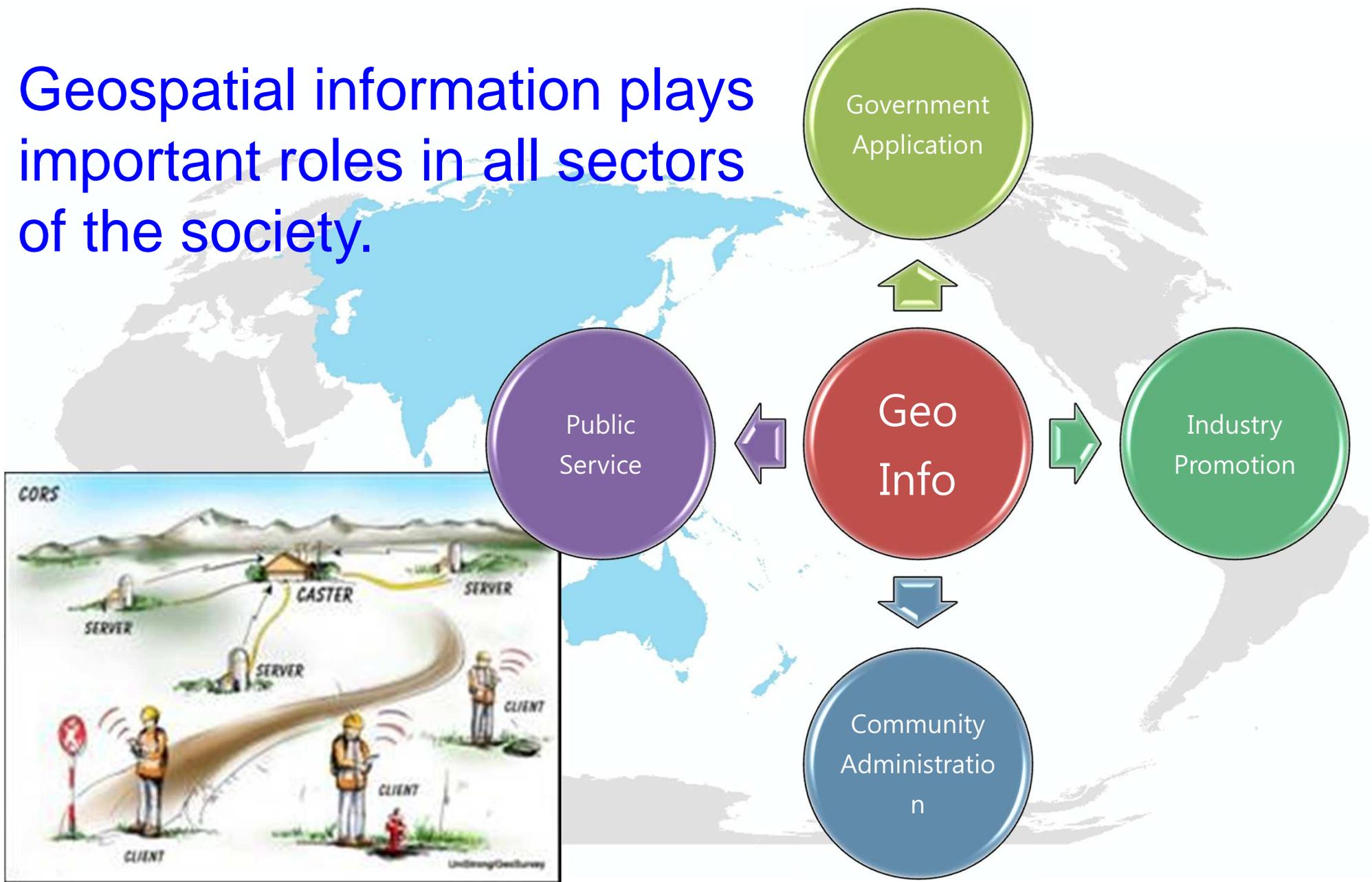
Harbor and Airport
Protection

Challenges to Responsible Governance



Geospatially Enabled Governance

Geospatial information plays important roles in all sectors of the society.



Geospatial Capacity Building

Locating

Disaster response

Navigation

Marine survey

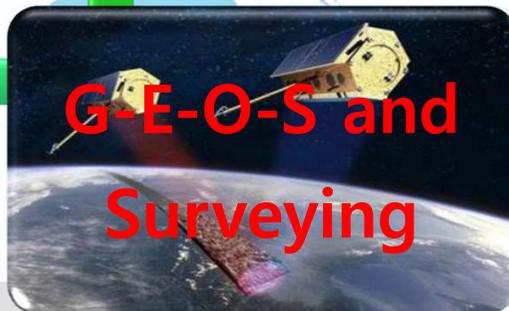
Basic survey

Cadastral survey

Standards

Geo-reference

Coordination and Cooperation



UN-GGIM-AP: Who We Are



GGIM
UNITED NATIONS INITIATIVE ON
GLOBAL GEOSPATIAL
INFORMATION MANAGEMENT

2011

President: China
Vice President: South Korea
Secretary: Japan
<http://www.un-ggim-ap.org>



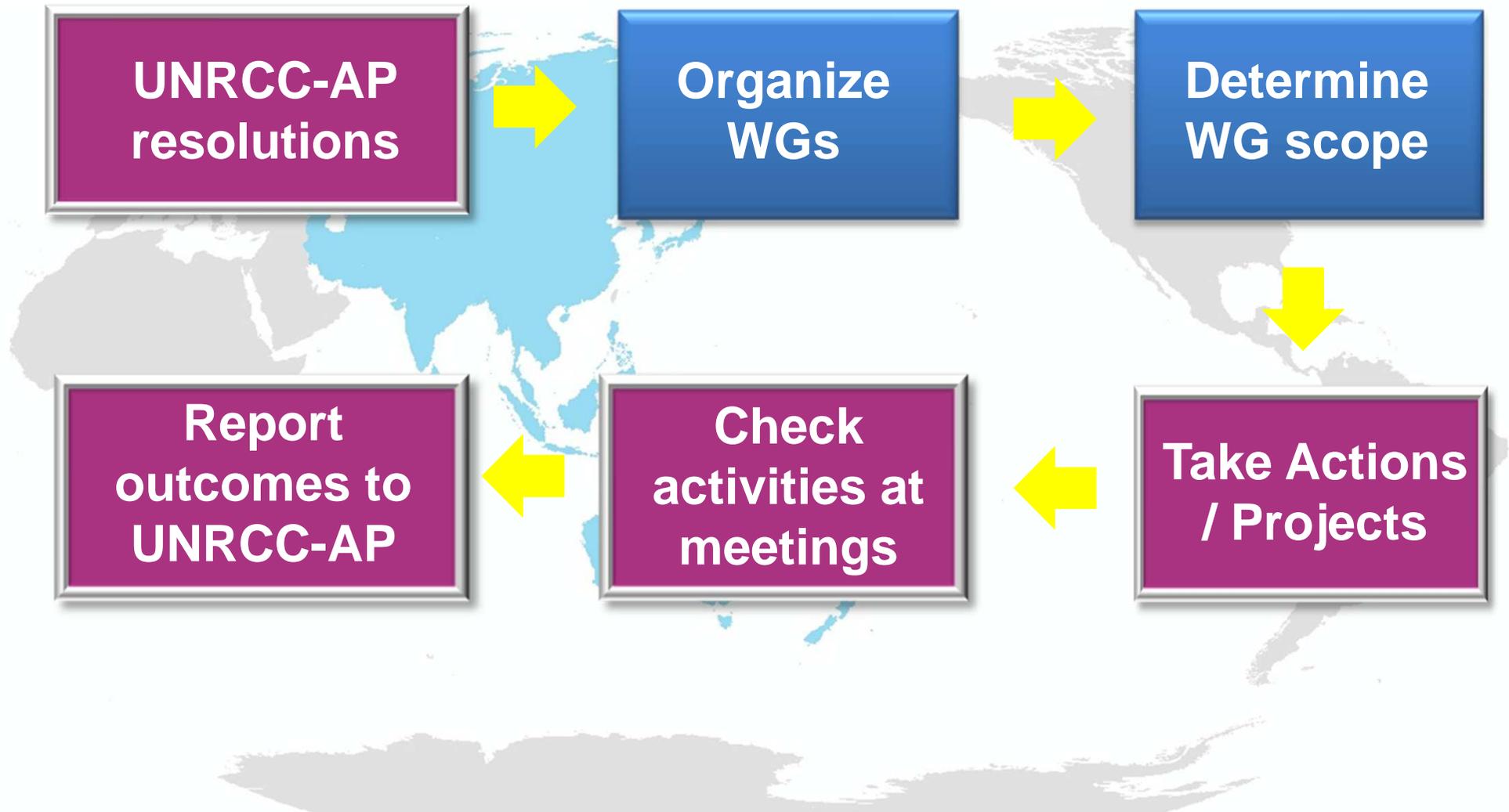
2012

UN-GGIM-AP Members



AFGHANISTA	AMERICAN SAMOA	ARMENIA	AUSTRALIA
AZERBAIJAN	BANGLADESH	BHUTAN	BRUNEI DARUSSALAM
CAMBODIA	CHINA	COOK ISLANDS	FIJI
FRENCH POLYNESIA	GUAM	HONGT KONG, CHINA	INDIA
INDONESIA	IRAN	JAPAN	KAZAKHSTAN
KIRIBATI	KOREA (NORTH)	KOREA (SOUTH)	KYRGYZSTAN
LAOS	MACAO , CHINA	MALAYSIA	MALDIVES
MARSHALL ISLANDS	MICRONESIA	MONGOLIA	MYANMAR
NAURU	NEPAL	NEW CALEDONIA	NEW ZEALAND
NIUE	NORTHERN MARIANAS	PAKISTAN	PALAU
PAPUA NEW GUINEA	PHILIPPINES	RUSSIAN FEDERATION	SAMOA
SINGAPORE	SOLOMON ISLANDS	SRI LANKA	TAJIKISTAN
THAILAND	TIMOR LESTE	TONGA	TURKMENISTAN
TUVALU	UZBEKISTAN	VANUATU	VIETNAM

UN-GGIM-AP Work Process



UN-GGIM-AP Working Groups

- In order to implement the resolutions of the 19th UNRCC-AP, **3 Working Groups** have been organized for Year 2012-2015

**Geodetic reference framework
for sustainable development**

**Data sharing and integration
for disaster management**

1. Geodetic framework
2. Data Sharing and integration for disaster management
3. Acquisition and maintenance of place-based information
4. Web/Cloud-based services for the delivery of geospatial information
5. Capability to deliver and use geospatial information
6. Usefulness and benefits of geospatial information
7. Shared statement of ethical principles
8. Coordination between regional and global initiatives on geospatial information management
9. Twentieth United Nations Regional Cartographic Conference for Asia and the Pacific

**Place-based information
management for
economic growth**

Regional Reference Frame (APREF)

- To create and maintain a densely realized and accurate geodetic framework, based on continuous observation and analysis of GNSS data

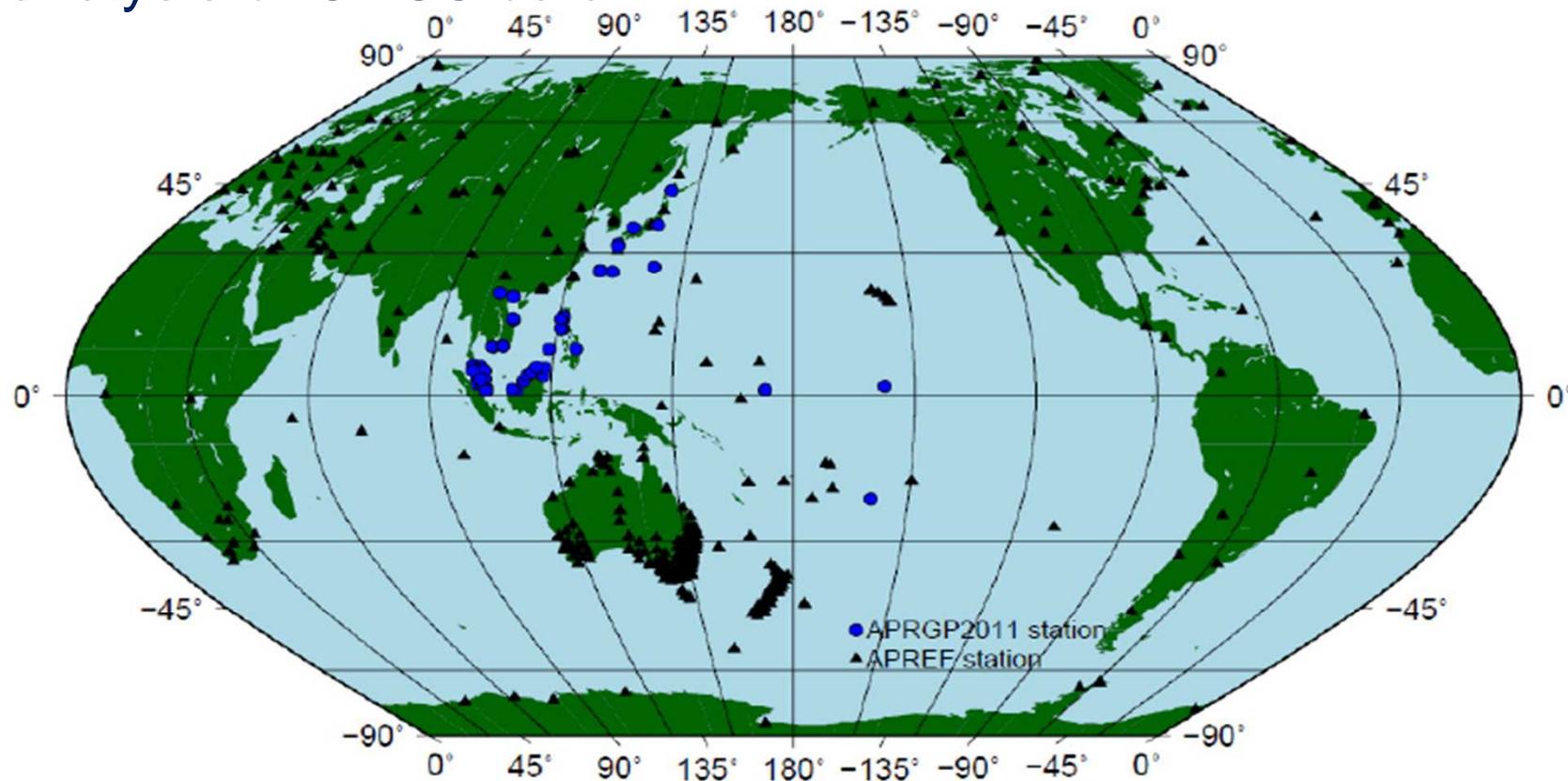


Figure 1: APRGP and APREF stations in the APRGP 2011 GPS campaign analysis.

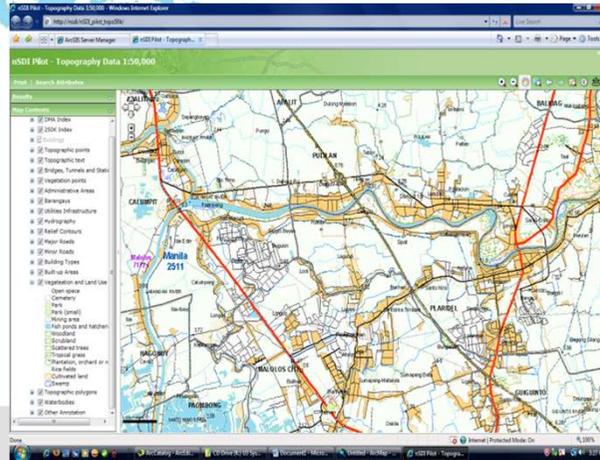
Land Administration Forums

- Growing recognition that land administration with geospatial information is vital for responsible governance and sustainable development.
- Four forums have been convened to share land administration issues, best practices and experiences.



Geospatial Support for Disaster Management

- Australia-Indonesia Facility for Disaster Reduction (AIFDR)
- Technical assistance in efficient spatial data delivery to DM agencies
- International Training Workshop on Geospatial Support for Disaster Management
- **Chengdu Forum on UN-GGIM** with the theme of Urban Hazard Mapping to be held on 15-17 October 2013 in Chengdu, China



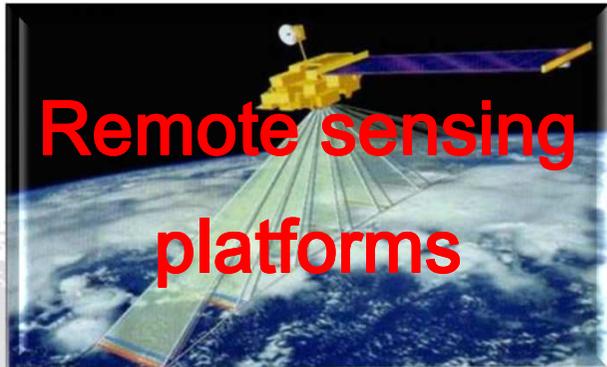
Conferences and Symposia



Geospatial Capacity Survey

No.	Country/Region	Projects	Catalog/Clearinghouse	Status/Schedule
1	Australia	ASDI	ASDD	Finished
2	Bangladesh			
3	Brunei	SSDI	Geo-Portal	2012
4	China	Digital China Geo-spatial Framework	Geo-information public service platform	Finished
5	Hongkong,China		GIS metadata catalogue	Finished
6	Indonesia	Ina-SDI	National Geospatial Portal	On going
7	Iran	national Geo-portal		On going
8	Japan	FGD, Digital Japan	Geographic Information Clearinghouse	Finished
9	Korea	Master Plan of National Spatial Data Policy	National Spatial Data Distribution Center	finished
10	Laos			
11	Macao, China	Geospatial Information Sharing Infrastructure		In planning
12	Malaysia	MyGDI	Geospatial Data Center	Finished and Continue
13	Mongolia			
14	New Zealand	Many	Geodata.govt	Finished
15	Nepal	NGIIP		Initiated in 2002
16	Philippines	PGP		On going
17	Singapore	Singapore Geospatial Collaboration Environment	Geo-Space portal	Finished
18	Sri Lanka			
19	Vietnam			

Advantages of Member Countries

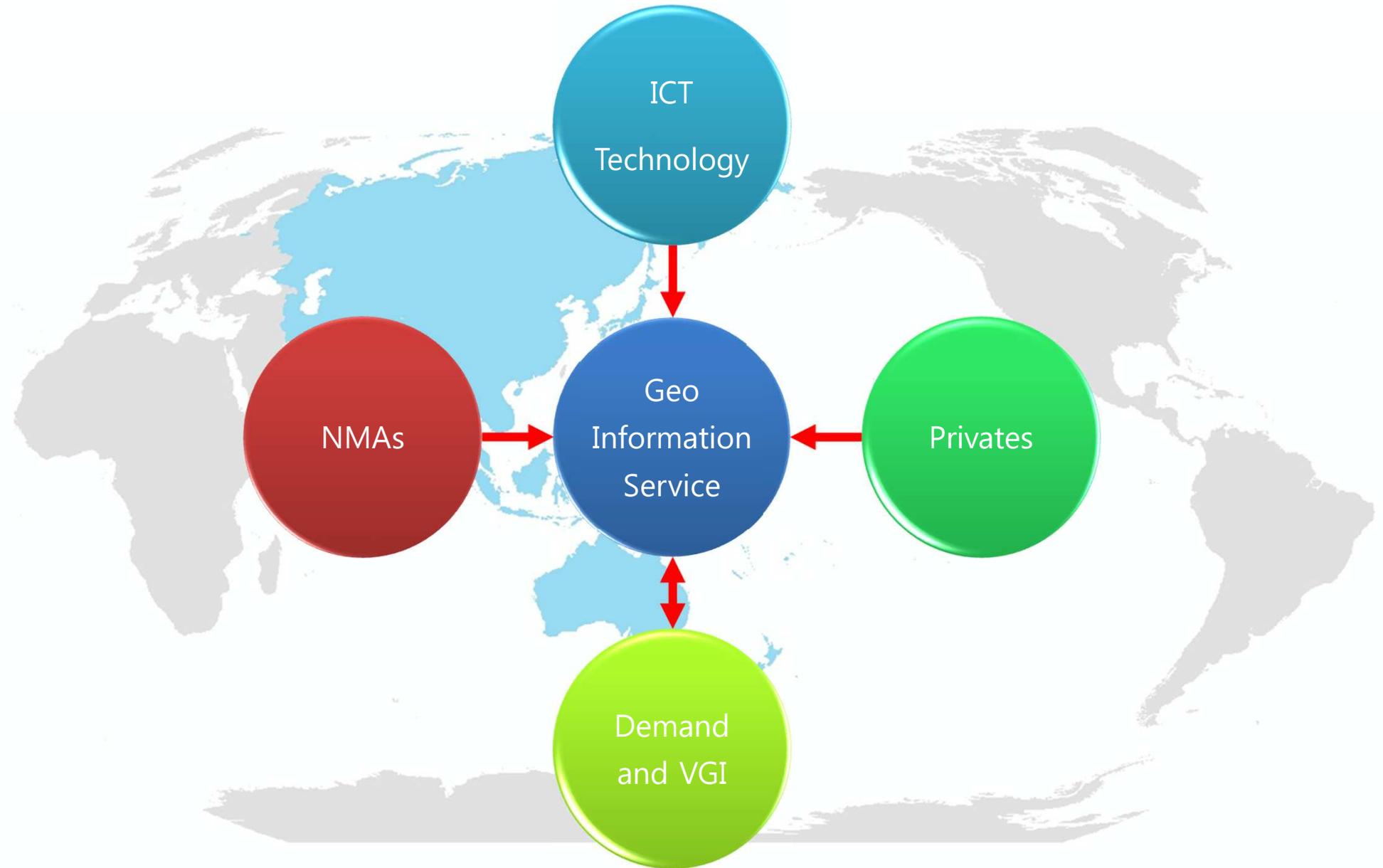


China-UN Trust Fund for Technical Cooperation

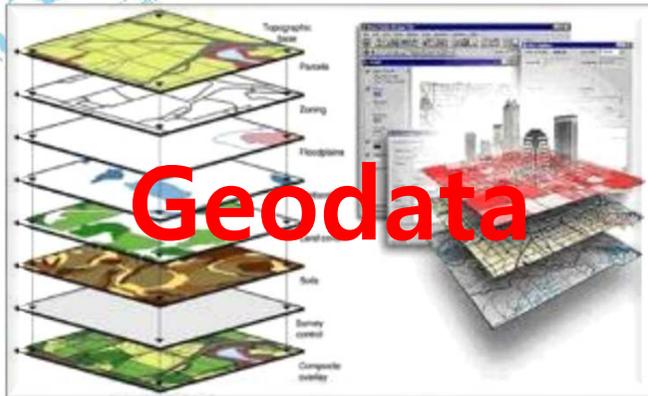
**Geospatial Information Management Capacity Development
in China and other Developing Countries
(US\$800,000 per year for 5 years 2013-2017)**



Forces Driving Geospatial Community



Needs of Pacific Islands



Cooperation for Capacity Development

Your involvement is very important!

Member Countries!

National Issues

APREF

Data sharing

**Place-based
management**

UN-GGIM-AP

Suggested Actions for Islands States

Technology cooperation

- Consulting, HW/SW

Staff training

- Managers, Engineers, Scientists

GNSS and Geo-Reference

- Unified Geo-datum, CORS Network

Land administration

- Surveying, registration, planning

Geo Web Portal

- GIS, web map, PDA

Marine survey

- Sea bed, Beach, navigating

**In Support of Responsible Governance and
Sustainable Development**



**More Participation
High Attention
Real Actions**

For Geospatial Capacity Development

Thank you