

# REPORT AND WORKING PLAN 2017 GTproIDE UN-GGIM: Américas

**3<sup>rd</sup> Meeting UN-GGIM: Americas**  
**México, October 2016**



**UN-GGIM**

United Nations Committee of Experts on  
Global Geospatial Information Management

[ggim.un.org](http://ggim.un.org)

# General Objective of GTproIDE

The overall objective of the WG ProIDE is to promote and monitor the development of the SDI and its components among the member countries of UN-GGIM:Americas, encouraging collaboration and exchange of experiences.



## Specific objectives

- ✓ Research on the current situation of SDI in the countries of the region, in terms of institutional aspects
- ✓ Promote collaborative work of national mapping agencies and those in charge of implementing the national SDI
- ✓ Monitor the progress of the SDI of the countries
- ✓ Facilitate the collaboration required in each country, in those areas where requirements and needs may be identified



# Status of the activities

**Research on the current situation of SDI in the countries of the region, in terms of institutional aspects**

Template (contents)

**DONE**

Validation of the template

**DONE**

Start gathering information

**DONE**

Tabulation of results

**DONE**

Design of interface in the Website

**DONE**

Means for dissemination

**-Country profiles**  
**-SDI Observatory/Regional Map**  
**-4th session UN-GGIM: Americas**  
**-Questionnaire report**



# Status of the activities

**Promote collaborative work of national mapping agencies and those in charge of implementing the national SDI**

Section in the questionnaire design

**DONE**

Gathering information through the questionnaire

**DONE**

Tabulation of results

**DONE**

Dissemination of best practices

**-Country profiles  
-SDI Observatory  
-Questionnaire Report  
-4th session UN-GGIM  
Americas**



# Status of the activities

## Monitor the progress of the IDE in the countries of the region

Diagnosis on GI management in the countries

**DONE**

Collecting of background in international studies

**DONE**

Proposal of indicators for assessing the performance of SDI

**DONE**

**Review the SDI assesment process of UN-GGIM at global level, conducted by Knowledge Base teamwork, in order to count with common indicators and measurement criteria for all UN countries members**



# Status of the activities

## Collaboration

- Caribbean Project for strenghtening GI Capacities
- Mexico Chile Fund for capacity building
- **Best practices in SDI Observatory**
- **Updating of the Capacity Building Observatory**



## Activities for 2017

- Elaboration of **Country Profiles** for the members of UN-GGIM Americas, according to the format provided by UN-GGIM Knowledge Base globally.
- Update **Capacity Building Observatory** in UN-GGIM: Américas Web Site, containing directories of organizations, on-line courses and documents.
- Update **SDI Observatory** in UN-GGIM: Americas Web Site, including new sections related with UN-GGIM agenda contents
- **Exchange of experiences “face to face”** in 4th UN-GGIM Americas Encounter in April 2017
- SDI assesment according to **UN-GGIM Methodology**



# UN-GGIM AMERICAS COUNTRY PROFILES

**UN-GGIM MEMBER STATE - PROFILE**

**(Pakistan)**

Region	South Asia
UN-GGIM Regional Body	UN-GGIM-AP
Participation	Active
Mapping/GIS Organization	Survey of Pakistan
Address	Faisalabad, Minerva Road, Kamalpur, Pakistan
Contact Name	Surveyor General of Pakistan
Position	Surveyor General of Pakistan
E-mail	<a href="mailto:GIS@surveyofpakistan.gov.pk">GIS@surveyofpakistan.gov.pk</a>
Telephone	+92114290200
Fax	+92114290412

**Organizational Priority**

GIS Program	Pak-NSDI is being implemented by Survey of Pakistan (SoP) with collaboration of key stakeholders to manage geospatial data of the entire country. This GIS Program will help to ensure consistent mechanisms for maintenance, dissemination and sharing of geospatial data among all users.
GIS Policy	NSDI established and maintained shall be for development of a system of geospatial databases and data banking facilities, capable of integrating amongst all stakeholders and ensure putting in place design, implementation and maintenance mechanisms for facilitating, sharing, access and responsible for effective use of management of geospatial data at an affordable cost. All basic data or information comprising geodetic data, gravity data, magnetic data, topographical or geographical data, aerial photographs and all relevant records, both analogue and digital, prepared and possessed by Survey of Pakistan shall be maintained in the or form of a national geospatial database.
GIS Legislation	To regulate surveying and mapping activities in Pakistan


 UN-GGIM | [www.un-ggim.org](http://www.un-ggim.org)



# UN-GGIM Americas Country Profiles in the Knowledge Base



# UN-GGIM Americas Country Profiles in the Knowledge Base

## UN-GGIM MEMBER STATE - PROFILE

### (Pakistan)

<b>Region</b>	South Asia
<b>UN-GGIM Regional Body</b>	UN-GGIM-AP
<b>Participation</b>	Active
<b>Mapping/GGIM Organization</b>	Survey of Pakistan
<b>Address</b>	Faizabad, Murree Road, Rawalpindi, Pakistan
<b>Contact Name</b>	Surveyor General of Pakistan
<b>Position</b>	Surveyor General of Pakistan
<b>E-mail</b>	<a href="mailto:sg@surveyofpakistan.gov.pk">sg@surveyofpakistan.gov.pk</a>
<b>Telephone</b>	+92519290200
<b>Fax</b>	+92519290482



# UN-GGIM Americas Country Profiles in the Knowledge Base

## Organizational Features

### GIM Program

Pak-NSDI is being implemented by Survey of Pakistan (SoP) with collaboration of key stakeholders to manage geospatial data of the entire country. This GIM Program will help to ensure consistent mechanism for maintenance, dissemination and sharing of geospatial data among all users.

### GIM Policy

NSDI established and maintained shall be for development of a system of geospatial databases and data handling facilities, capable of interacting amongst all stakeholders and ensure putting in place design, implementation and maintenance mechanisms for facilitating, sharing, access and responsible for effective use and management of geospatial data at an affordable cost. All basic data or information comprising geodetic data, gravity data, magnetic data, topographical or geographical data, aerial photographs and all relevant records, both analogue and digital, prepared and possessed by Survey of Pakistan shall be maintained in the or form of a national geospatial database.

### GIM Legislation

To regulate surveying and mapping activities in Pakistan



# UN-GGIM Americas Country Profiles in the Knowledge Base

## GIM Strategy/Plan

SoP shall prepare geospatial data, remote sensing and geographical information system applications of the entire country on various scales as advised by the Federal Government and provide above services as a deposit work for a specific area with pre-defined specifications to the Provincial Governments, district and local governments and other clients from public as well as private sector. Survey of Pakistan shall encourage and collaborate research activities in the field of surveying and mapping, remote sensing, GIS and other fields related to the discipline of surveying and mapping, cartography, instrument development and database with national and international organizations. The Survey of Pakistan shall endeavor to upgrade the scientific and technological level in this field and encourage and support any registered organizations and individuals that produce outstanding work in any field of surveying and mapping and related scientific or technological research.

## GIM Web address

[www.surveyofpakistan.gov.pk](http://www.surveyofpakistan.gov.pk)

## Leadership

Surveyor General of Pakistan assisted by Deputy Surveyor



# 1) UN-GGIM Americas Country Profiles in the Knowledge Base

Data and Standards	
<b>Fundamental Data</b>	Topographic and geodetic data
<b>Availability</b>	Geospatial information is available for sharing and use by the user community
<b>Data Sets</b>	Geodetic data, multi-scale digital topographic data, geographical names, administrative boundaries, satellite imagery and aerial photographs
<b>Standards</b>	Geospatial metadata ISO 19115, Standard for geospatial information production, OGC standards for geoweb services
<b>Web/portal services</b>	Metadata catalog has been implemented. Therefore, users can discover what spatial data is available as well as details on content, source, scale and other characteristics of spatial data in order to determine its usability. Presently, the catalog is running on Intranet, while resources are being arranged to make it available via Internet, as well
<b>Data Access policies</b>	Accessible as defined in data classification rules of SoP



# UN-GGIM Americas Country Profiles in the Knowledge Base

## Challenges and Needs

### Challenges:

- The concept of GIM and SDI is still in its infancy in Pakistan as is in many countries. So it is a big challenge to raise awareness about the concept of GIM and SDI in the country.
- For effective NSDI implementation, the challenge is to enhance the capacity of the institutions involved in GI production through tailor made trainings.
- Pakistan is low income country, thus it is a challenge to get the share from government exchequer to acquire the latest geospatial technologies and tools.
- Geospatial standardization allows data from one source to be easily used with those from other sources to create richer and more useful products and services. The challenge is implementation of standards by all stakeholders.
- Inter-agency coordination and collaboration play vital role to make consensus, however, it is a big challenge to take on board all the stakeholders.

### Needs:

- There is need to get political support from the highest level.



# CAPACITY BUILDING OBSERVATORY



# Capacity Building Observatory UN-GGIM: Américas Web Site

Martes, 04 Octubre 2016   Mapa del Sitio   Calendario   Contactenos  

 **UN-GGIM:Américas**  
COMITÉ REGIONAL DE LAS  
NACIONES UNIDAS SOBRE  
LA DIRECCIÓN GLOBAL  
DE INFORMACIÓN GEOESPACIAL  
PARA LAS AMÉRICAS

[Inicio](#)   [UN-GGIM Américas](#)   [Noticias](#)   [Enlaces IDE](#)   [Reuniones](#)   [IDES América](#)   [Login](#)

**Banco de Normas**

**Observatorio de Capacitación**

Observatorio IDE



Herramienta elaborada para compartir capacidades entre los países miembros del UN-GGIM Américas, de una manera sostenible en el tiempo y apuntando a las necesidades y temáticas relevantes en la región. Pretende conectar la oferta y la demanda por talleres, cursos y programas académicos orientados a productores y usuarios de información geoespacial y también a tomadores de decisiones.

**Entrar**



# Capacity Building Observatory UN-GGIM: Américas Web Site

Martes, 04 Octubre 2016 | Mapa del Sitio | Calendario | Contáctenos |

 **UN-GGIM:Américas**  
COMITÉ REGIONAL DE LAS  
NACIONES UNIDAS SOBRE  
LA GESTIÓN GLOBAL  
DE INFORMACIÓN GEOSPACIAL  
PARA LAS AMÉRICAS

[Inicio](#) | [UN-GGIM Américas](#) | [Noticias](#) | [Enlaces IDE](#) | [Reuniones](#) | [IDES América](#) | [Login](#)

Observatorio Capacitación

 Inicio |  Buscar |  Arriba |

 Directorio de instituciones educativas y capacitación	Archivos: 0
 Directorio de cursos en línea	Archivos: 0
 Documentos técnicos	Archivos: 0



# SDI OBSERVATORY



UN-GGIM

United Nations Committee of Experts on  
Global Geospatial Information Management

[ggim.un.org](http://ggim.un.org)

# SDI Observatory UN-GGIM: Américas Web Site



The screenshot shows the homepage of the UN-GGIM Américas website. At the top left is the logo of the United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM) for the Americas, with the text "UN-GGIM Américas" and "COMITÉ REGIONAL DE LAS NACIONES UNIDAS SOBRE LA GESTIÓN DE LA INFORMACIÓN GEOESPACIAL PARA LAS AMÉRICAS". Below the logo is a navigation menu with buttons for "Inicio", "UN-GGIM Américas", "Noticias", "Enlaces IDE", "Reuniones", "IDES America", and "Login". The main content area features a large graphic of a person in a light blue shirt and dark pants looking through a large telescope. The telescope's lens shows the UN-GGIM logo. To the left of the graphic are three buttons: "Banco de Normas", "Observatorio de Capacitación", and "Observatorio IDE". To the right of the graphic is a text block in Spanish: "Puerta de acceso a documentos y buenas prácticas relacionadas con las IDE y el manejo de información geoespacial, en materias diversas vinculadas a políticas, marco legal e institucional, normas estándares y especificaciones técnicas, información, datos y catálogos, tecnología y otros. Este observatorio se ha implementado para apoyar a los países de las Américas en el desarrollo de sus IDE." Below the text is a blue button labeled "Entrar".



# SDI Observatory UN-GGIM: Américas Web Site

The screenshot shows the top navigation bar of the UN-GGIM Américas website. The navigation menu includes: Inicio, UN-GGIM Américas, Noticias, Enlaces IDE, Reuniones, IDES América, and Login. Below the navigation bar, the page title is "UN-GGIM Américas". There are three main navigation icons: "Inicio" (Home), "Buscar" (Search), and "Arriba" (Up). A search dropdown menu is visible, currently showing "Observatorio IDE". The main content area lists several categories, each with a 3D book icon, a title, and associated statistics:

Category	Sub-categorías	Archivos
Datos Abiertos	5	0
Información Geoespacial y Estadística		0
Información Geoespacial y Desastres		0
Reportes de evaluación IDEs		0
Marcos legales, políticas y planes nacionales	2	0



# SDI Observatory UN-GGIM: Américas Web Site

The screenshot displays the UN-GGIM Américas web site interface. At the top, there is a navigation bar with buttons for 'Inicio', 'UN-GGIM Américas', 'Noticias', 'Enlaces IDE', 'Reuniones', 'IDES América', and 'Login'. Below this, the main content area is titled 'UN-GGIM Américas' and features a search bar with icons for 'Inicio', 'Buscar', and 'Arriba', along with a 'Datos Abiertos' dropdown menu. A list of five items is shown, each with a yellow folder icon and a corresponding 'Archivos: 0' count:

- Prácticas
- Marcos regulatorios
- Privacidad
- Licenciamiento
- Políticas de intercambio



# EXCHANGE AT 4TH UN-GGIM AMERICAS ENCOUNTER



## UN-GGIM:Américas

COMITÉ REGIONAL DE LAS  
NACIONES UNIDAS SOBRE  
LA GESTIÓN GLOBAL  
DE INFORMACIÓN GEOESPACIAL  
PARA LAS AMÉRICAS

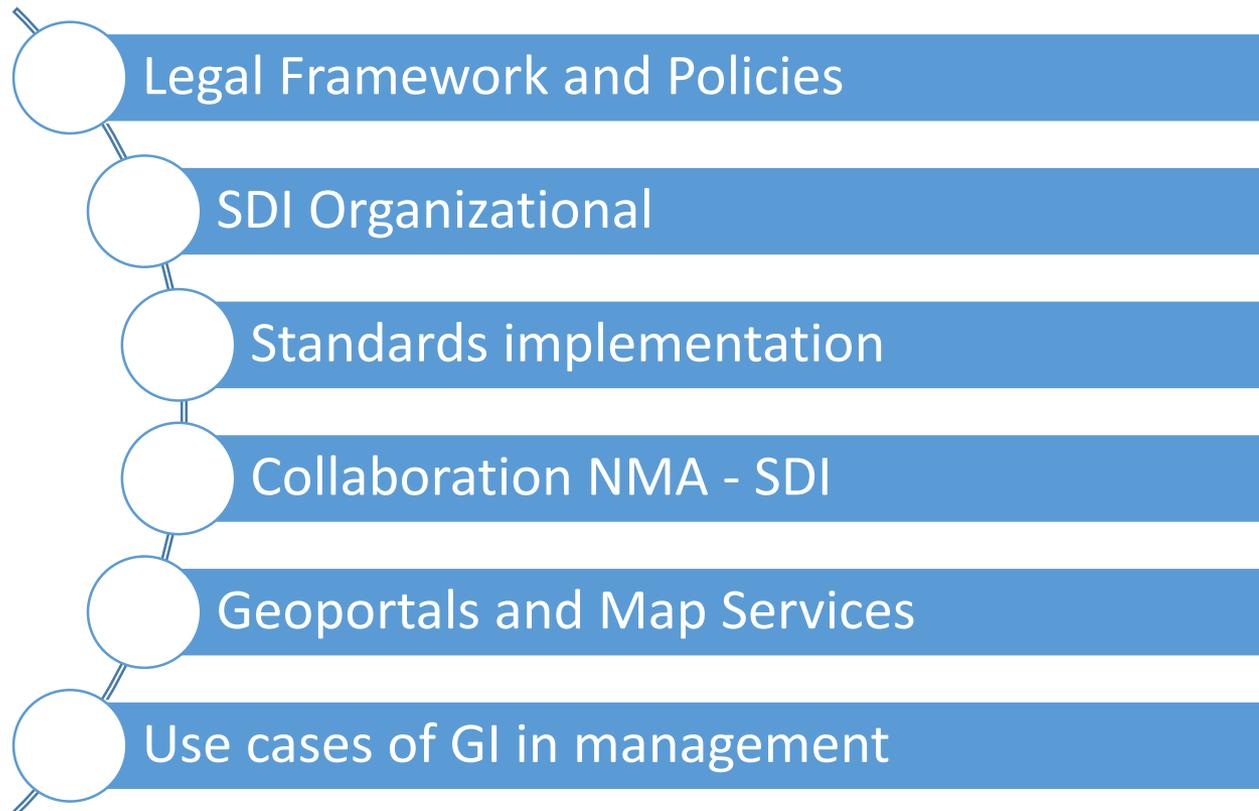


UN-GGIM

United Nations Committee of Experts on  
Global Geospatial Information Management

[ggim.un.org](http://ggim.un.org)

# Exchange at 4th UN-GGIM: Americas Encounter



# Time line

Component	Activities	Term
Country Profiles	-Distribute the form with pre-filled data to the countries	January 2017
	-Reception of the documents	June 2017
	-Upload in SDI Observatory and Knowledge Base	July 2017
Capacity Building Observatory	-Collecting data with the countries	May 2017
	-Uploading data provided	July 2017
SDI Observatory	Updating structure and functionalities	Dec 2016
	Uploading documentation	



# Time line

Component	Activities	Term
Exchange 4th UN-GGIM Americas Meeting	-Building agenda	December 2016
	-UN GGIM Event	April 2017
SDI Assesment	- Discussion on indicators	January 2017
	- Consultation with the countries	April 2017
	Report of SDI assesment	July 2017





# UN-GGIM:Americas

REGIONAL COMMITTEE OF  
UNITED NATIONS  
ON GLOBAL GEOSPATIAL  
INFORMATION MANAGEMENT  
FOR THE AMERICAS



UN-GGIM

United Nations Committee of Experts on  
Global Geospatial Information Management

[ggim.un.org](http://ggim.un.org)