



Summary Report of Working Group 2

Cadastral and Land Management

9th Plenary Meeting

2020



UN-GGIM-AP

Regional Committee of United Nations
Global Geospatial Information Management
for Asia and the Pacific

un-ggim-ap.org

UN-GGIM-AP Working Group 2 Meeting

- WG2 Parallel Meeting on Cadastre and Land Management, 3 November 2020
- Diverse attendees including AP members and international communities



UN-GGIM-AP Working Group 2 Meeting

❖ What we covered in our meeting are:

- Key land related activities of UN ESCAP and WG2 up until 2020

- Country Reports

China – Unified Registration System of Natural Resources,

Fiji – Land Tenure System

Mongolia – Integrated National Land Management System

- Framework for Effective Land Administration by UN-GGIM Expert Group on Land Administration and Management
- Emerging Issues, Disruptive geospatial technologies by FIG Commission 7
- Review of discussions and development of draft resolution.

Geospatial Information Platform and Center



UN-GGIM-AP Working Group 2 Meeting

❖ Current Challenges

- Limited amount of proper land records, land data, and proper administrative and institutional systems to manage land information
- Need to improve data sharing across the region
 - Difficulty in responding to epidemics and disasters common to the region
- Low awareness of the benefits of effective and efficient land administration and management
- Diversity of capacity and technology level across the region (developing versus developed)
- Disruptive technologies



UN-GGIM-AP Working Group 2 Meeting

❖ Opportunities

- Global and regional guidelines and frameworks such as the Integrated Geospatial Information Framework (IGIF) and the Framework for Effective Land Administration (FELA)
- New approaches to traditional land management including Fit-For-Purpose Digitized Smart Cadastre and Digital Twin in the era of Digital Transformation and the 4th Industrial Revolution
- Reference Geospatial Platform/Portal/Hub of other regional UN-GGIM Groups in terms of establishment and operations.
- Largest organization in Asia and the Pacific for geospatial information with the support from UN-ESCAP as Secretariat



UN-GGIM-AP Working Group 2 Meeting

❖ Action Plan

- Addressing New Trends in the field of Land Management
 - Leveraging various technological advances including Artificial Intelligence (AI), digital sensing and data analysis that can be applied in land management
 - Exploring potential areas of collaboration with FIG
- Devising Capacity Building Tools
 - Introducing capacity building tools and implementing them in target countries
 - Capacity and Education pathways set out in the IGIF and the FELA
 - Leveraging new innovative training centers



UN-GGIM-AP Working Group 2 Meeting

❖ Action Plan

- Staging joint sessions on addressing Digital Transformation and disruptive geospatial technologies in future FIG events
- Continued participation in global implementation of FELA
- Geospatial Information Service Center
 - Establishing regional geospatial information platform
 - Integrating and sharing geospatial data between countries
 - Delivering geospatial services globally



UN-GGIM-AP Working Group 2 Meeting

❖ Resolution

- a. *Continues* to advocate and raise political awareness of the benefits of effective and efficient land administration and management as stipulated in UN-GGIM Decision 7/108;
- b. *Supports* the implementation of the Framework for Effective Land Administration, an overarching policy guidance for effective land administration and management, working with UN-GGIM Expert Group on Land Administration and Management;
- c. *Participates* in the country-level action plans of Integrated Geospatial Information Framework (IGIF) for better cadastre and land management;
- d. *Addresses* future challenges as well as the impacts of disruptive geospatial technologies in the context of cadastre and land management, working closely with the International Federation of Surveyors (FIG); and
- e. *Encourages* the Secretariat to explore possible options (in a cost neutral manner) for building a UN-GGIM-AP geospatial information service center with all interested Member States for practical provision of geospatial services and products to member countries of UN-GGIM-AP, considering cooperation with the United Nations Global Service Center of the United Nations Office on ICT (UN OICT) in Brindisi, Italy.





Thank you very much

**Working Group 2
Cadastre and Land Management**



UN-GGIM-AP

Regional Committee of United Nations
Global Geospatial Information Management
for Asia and the Pacific

un-ggim-ap.org