



# Summary Report of Working Group 2: Cadastre and Land Management

8<sup>th</sup> Plenary Meeting

2019  
Canberra, Australia



UN-GGIM-AP

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

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- WG2 Parallel Meeting on Cadastre and Land Management, 3 November 2019
- 28 attendees from countries and diverse international communities



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## ❖ What we covered in our meeting are:

- Key land related activities of UN ESCAP and WG2 up until 2019,
- Framework for Effective Land Administration by UN-GGIM Expert Group on Land Administration and Management,
- Integrated Geospatial Information Management by World Bank,
- Country reports, presentations made by Mongolia,
- Smart Cadastre and Digital Twin by Singapore and Korea, respectively,
- Future Spatial Management of the Cadastre by Geodata Australia,
- Disruptive geospatial technologies by FIG Commission 7, and
- Review of discussions and development of draft resolution.



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## ▪ Objectives

1. **Materialization of decision 7/108 in Asia and the Pacific region for continued advocacy and political awareness of the benefits of effective and efficient Land Administration and Management**
2. **Identify common grounds and challenges in land administration and management system in the region in the context of the UN-GGIM Integrated Geospatial Information Framework**
3. **Support and assistance in the production of Cadastre and Land Management Framework, overarching policy guidance on land administration and management, working with UN-GGIM Expert Group on Land Administration and Management**
4. **Support and assistance in the production of Integrated Geospatial Information Framework, overarching policy guidance on geospatial information for the UN-GGIM**
5. **Development of capacity building plan and training at the regional level**



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## ❖ 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
- 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)
- Conflicting nature of open data and security, privacy and sensitivity
- Disruptive technologies



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## ❖ 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 4<sup>th</sup> Industrial Revolution



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## ❖ Actions

- Work, coordinate with the UN-GGIM Expert Group to reflect views and recommendations of the region in the FELA, raise political awareness of the benefits of effective land management and reflect them in each country's future goals
- Actively join the current phase of IGIF development, working closely with the World Bank to reflect views and recommendations of the region and to carry out country level case studies.
- Undertake capacity building programs with tools suggested in the key frameworks
- Collaborate with the International Federation of Surveyors (FIG) to identify future challenges as well as the impacts of disruptive geospatial technologies





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## ❖ Action Plan

- Holding stage-setting capacity building workshop in association with UN-GGIM High Level Forum, April 2020
- Staging joint session on addressing Digital Transformation and disruptive geospatial technologies in FIG Working Week, May 2020
- Holding advocacy and political awareness raising strategy session in conjunction with World Geospatial Information Congress, July 2020
- Continued participation in global consultation process of FELA, 2019-2020





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## ❖ Action Plan

### ▪ Approach:

- To achieve our goal with 5 objectives, need an example for developing countries model for following up FELA and IGIF concept.
- Decide target countries to conduct Case Studies in order to collect AP member's participation intention until the end of December 2019.

### ▪ Purpose:

- To find out the common issue and problem in Cadaster and Land Management in Asian Pacific.



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## ❖ Resolution

- a) Continues to advocate and raise political awareness of the benefits of effective and efficient land administration and management as stipulated in decision 7/108;
- b) Undertakes country level action plans using the Integrated Geospatial Information Framework diagnosis tool and the IGIF Implementation Guide to identify geospatial information challenges with respect to land administration and management;
- c) Supports the global consultation regarding the production of the Framework for Effective Land Administration, an overarching policy guidance on land administration and management, working with UN-GGIM Expert Group on Land Administration and Management,
- d) Supports UN-GGIM Integrated Geospatial Information Framework (IGIF) for better cadastre and land management;
- e) Identifies 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
- f) Strengthens human capacity building related to cadastre and land management at the regional level that incorporates professionals, future young professionals, and vulnerable groups that also include gender equality by developing capacity building programs.





**Thank you very much**

Working Group 2  
Cadastre and Land Management



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