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UN-GGIM-AP 9th Plenary
5 November, 2020
Join us for the launch 18 November at 9:20 am UTC+7, Bangkok time.
Asia-Pacific Plan of Action on Space Applications for Sustainable Development (2018-2030) implementation
Overview

Explores in-depth ways countries are using geospatial information

Over 100 country-based examples on the practical uses of geospatial information to support sustainable development
Disaster Risk Reduction and Resilience

- 18 examples
- Innovation
- Disaster assessment
- Emergency response
- International cooperation
- Agroecosystem resilience
- Drought monitoring
Natural Resource Management

• 15 examples
• Agricultural monitoring and planning
• Water management
• Marine and coastal management
• Land use management
Connectivity

• 8 examples
• Access to telecommunication services
• Transport management and traffic navigation
• Urban and territorial planning
• Smart cities
Social Development

- 18 examples
- Urban planning
- Health management
- Contamination and pollution
- Knowledge and evidence building
Space applications support response to COVID-19

- Acquisition of geospatial data from multiple sources, including high-resolution satellite data
- Platforms, dashboards, maps to track, trace, monitor and map real-time geo-referenced data of COVID-19
- Social distancing, tracking and tracing of potentially infected individuals
- Statistical analysis to identify sources of infection and show the impact of policies
- Crowdsourcing information with geotagging and volunteered geographical information
- Identifying and helping vulnerable communities and at-risk populations
- Analyzing distribution and availability of food and medical supplies
- Disaster risk resilience during the pandemic
Energy

• 6 examples
• Renewable energy infrastructure
• Open-access information portals
Climate Change

- 9 examples
- Climate modelling and projections
- Vulnerability and risk mapping
- Greenhouse gas emissions and carbon monitoring
- Capacity building
Trends in integrating geospatial and non-geospatial technologies for innovation
Conclusion

This compendium will hopefully:
• Promote peer learning and innovative thinking
• Encourage regional cooperation
• Inspire increased investment in geospatial data-driven responses to building back better
SEVEN KEY SUCCESS FACTORS
to leverage geospatial information for sustainable development

1. Invest in cultivating national experts
2. Integrate geospatial data with other data sources
3. Use geospatial data for creating, implementing and monitoring policies
4. Incorporate geospatial information into national institutions and platforms
5. Ensure privacy, safety and ethics of data
6. Provide open data access
7. Collaborate on local to international levels
Thank you!
I welcome questions and suggestions to make future knowledge products more useful for you
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