



**United
Nations**

Department of
Economic and
Social Affairs

Webinar on Utilizing Big Earth Data for the SDGs in SIDS

Follow-up from 2025 Capacity Building Workshop in Beijing

Wei Liu

UN IATT Coordinator, Division for Sustainable
Development Goals, UN DESA



From Data to Decisions:

Integrating Big Earth Data and Foresight into STI Roadmaps

A Three-Layer Framework:

Data Intelligence: Satellite, AI, and geospatial analytics generate real-time, location-specific insights

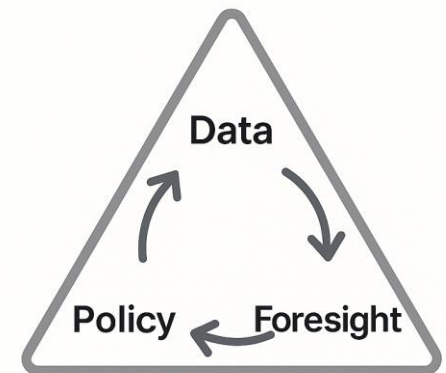
Strategic Foresight: Scenario building & horizon scanning reveal future opportunities and risks

Policy Integration: STI roadmaps translate data and foresight into actionable national priorities

Outcome:

Move from *monitoring today* → to *designing tomorrow*

Enable evidence-based, future-ready policy choices





United Nations

Department of
Economic and
Social Affairs

Operationalizing STI Roadmaps through SIDS Collaboration

Beijing Workshop Follow-Up Highlights:

95 % of participants found the training *highly relevant*

80 % expressed strong interest in continued cooperation

Key Priorities Identified:

Embed **Big Earth Data tools** in national SDG planning

Use **foresight methods** to identify investment priorities

Develop **country-specific STI roadmaps** linked to climate & digital resilience

Next Steps:

Establish **SIDS Network on Big Data for Development Policies and Actions**

Beijing 2025 → Webinar → SIDS Network → STI Roadmaps Implementation