

<i>Session Title</i>	Pixels to Policy: Harnessing Earth-Observation and AI for Impact-Driven Development
<i>Session Description</i>	<p>The decisive decade for the 2030 Agenda demands tools that transform raw data into rapid, actionable insight. This session explores how the fusion of Earth-Observation (EO) data streams with cutting-edge GeoAI—machine-learning models that are spatially aware—can unlock new pathways for achieving the Sustainable Development Goals (SDGs). Experts from UN agencies, space agencies, academia, and the private sector will showcase operational cases where cloud-scale satellite analytics have measurably advanced targets on climate resilience (SDG 13), food security (SDG 2), water quality (SDG 6), sustainable cities (SDG 11), and biodiversity (SDG 15). Discussions will move beyond technology, addressing governance, equity, and capacity-building so that all Member States—especially LDCs and SIDS—can benefit from open data, reproducible workflows, and responsible AI practices. Discussions and presentations will reveal how large EO archives, once unwieldy, are now queried in seconds to detect drought hotspots, quantify urban heat islands, and monitor carbon sinks. The session positions digital innovation not as an end in itself but as a force multiplier for inclusive, evidence-based policy.</p>