

<i>Session Title</i>	Earth Intelligence in Action: Advancing the GEO Wildfire-Health Nexus from Monitoring to Mitigation
<i>Session Description</i>	<p>This session, building on the foundation of the GEO Wildfire-Health Nexus initiative, showcases integrated Earth Intelligence solutions for wildfire challenges. We will feature:</p> <ul style="list-style-type: none"> ● Advanced Monitoring: Cutting-edge satellite, airborne and in-situ observation systems for wildfire detection ● Modeling & Prediction: AI-driven fire behavior modeling and smoke dispersion forecasting ● Health Impact Assessment: Innovative approaches to quantify wildfire-related health burdens ● Emergency Preparedness: Early warning systems and response strategies aligned with SDG 11.5 ● Policy Integration: Translating science into SDG 3, 13 and 15 implementation <p>Highlighting GEO's global collaborative framework, this session will present cross-sectoral case studies demonstrating how Earth Intelligence can bridge the gap between wildfire science and societal solutions.</p>