

AmeriGEO Week 2025 Agenda Earth Intelligence for a Sustainable Future

Graduate Building in Human Sciences. Virginia Gutierrez Auditorium
National University of Colombia

Day 4 - Thursday, August 14 2025 Auditorium 1 (Human Sciences Postgraduate Building. Virginia Gutierrez Auditorium) (English translation available)

Hour	Activities
8:00 – 9:00	Registration
9:00 - 12:30 12:30-13:30 (Lunch) 14:00-17:00	<p>How Satellite-Based Systems Can Drive Methane Mitigation</p> <p>The event is divided into five segments: satellite technologies to mitigate methane emissions; participation of governments, industry and NGOs; scientific contributions, including UNAL studies in Colombia; institutional collaboration to coordinate national actions; and the expansion of cooperation between IMEO, governments and industry in Latin America and the Caribbean to enhance regional impact.</p> <p>Register here: https://arcg.is/1fH50r1</p>

Classroom 1 (English translation available)

Hour	Activities
9:00 – 11:00	Results and progress of the Land Cover Monitoring in Colombia 2018-2024: Indicators and strengthening with Artificial Intelligence
11:00 – 11:10	Coffee Break
11:10 - 12:30	Multipurpose cadastre with ethnic people: interculturality and sustainability
12:30 - 14:00	Lunch
14:00 - 15:00	Methodology for Identification, Mapping and Monitoring of Burn Scars in Colombia
15:00 - 16:00	Assessment of flood dynamics in the Mojana region

Room 2 (English translation available)

Hour	Activities
9:30 - 12:30	BON in a Box An open and collaborative platform for biodiversity monitoring, indicator calculation and reporting Register here: https://arcg.is/1SPuPy0
12:30 - 14:00	(Lunch)
14:00 - 17:00	ACADEMIA COPERNICUS COLOMBIA – RENATA The event presents RENATA as Colombia's only Advanced Technology Network and strengthens the use of Copernicus from the Copernicus Colombia Academy. It seeks to improve technical capacities in Copernicus and ESA satellite data, with a focus on Latin America, through workshops, case studies and regional collaboration. Register here: https://arcg.is/1GeryP0

Julio Carrizosa Auditorium Agustín Codazzi Geographic Institute(Spanish)

Hour	Activities
9:00 - 12:30 12:30-13:30 (Lunch) 14:00-16:30	<p>AmeriGEO Group on Earth Observation of the Americas Youth Summit</p> <p>New Generation AmeriGEO 2025: Young people generating knowledge to transform the territory.</p> <p>New Generation AmeriGEO is a space aimed at young people, whose purpose is to promote the exchange of knowledge, strengthen the connection between new generations and specialists, and facilitate the dissemination of ideas and initiatives in the geospatial field.</p> <p>Register here: https://arcg.is/10W4vv3</p>

Room 103, Humanities Postgraduate Building

Hour	Activities
9:00 a 12:30	Title: Innovations in Multipurpose Cadastre and Land Use Planning by IGAC

Computer labs. Faculty of Agricultural Sciences

Hour

Activities

Hour

Training courses and workshops run by ESRI

9:00 - 10:45

Participatory Monitoring: Data Capture and Visualization with ArcGIS Survey123 and ArcGIS Dashboard – Public Health Case Study

Register here: <https://arcg.is/1C1i0W1>

10:45 - 12:30

Planning accessible and safe urban environments with GIS tools - ArcGIS Pro

Register here: <https://arcg.is/vvX80>

12:30 - 14:00

Lunch

14:00 -16:30

Workshop: Practical Applications of Hyperspectral Imaging and Machine Learning.
Procálculo

Register here:

<https://arcg.is/14b4593>

<https://forms.office.com/r/B2V7bh7Hiy>