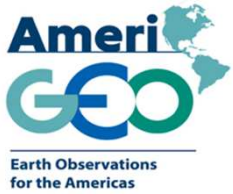




AmeriGEO & Inter-American Academy for Geosciences & Applications

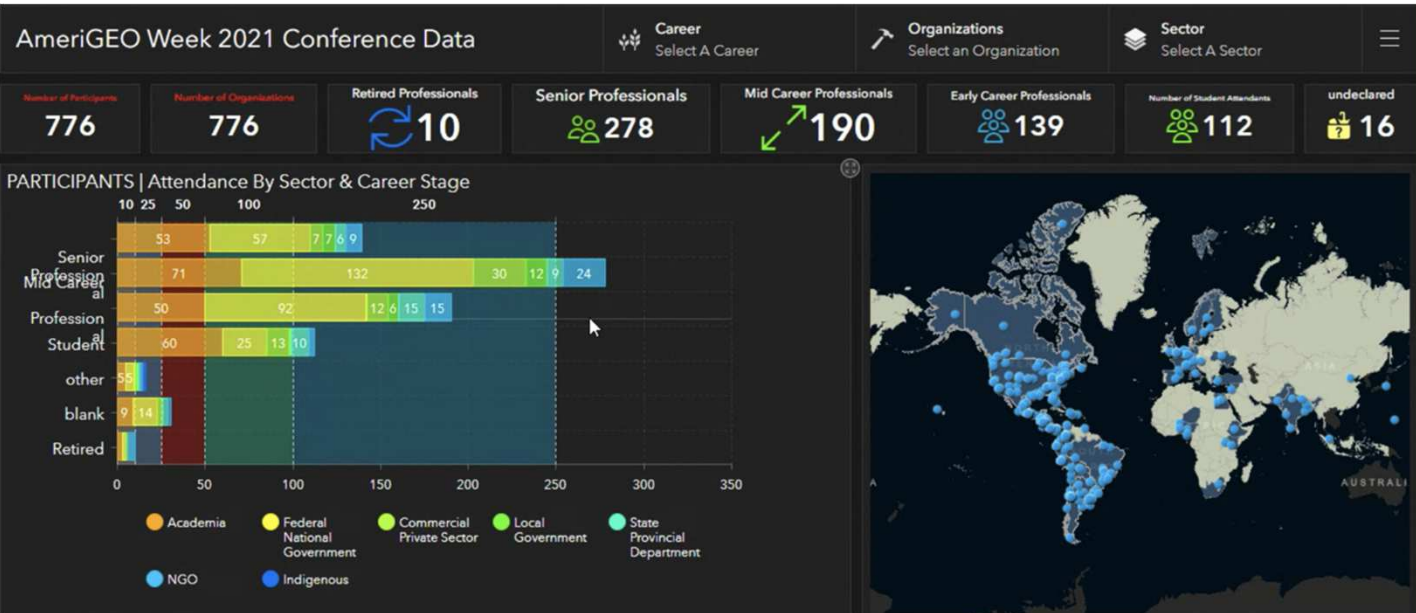
Nancy D. Searby, PhD
NASA, USGEO, AmeriGEO

Session 2: EO Communities in the Region
October 5, 2021



AmeriGEO connects countries in the Americas for better coordination on the access and use of Earth Observations, geographic information, and statistical data.

- Hosted by the Government of El Salvador and the Central American Integration System (SICA)
- Reached over 750 participants
- 80 panelists, moderators, and presenters
- 72 technical posters
- First-ever AmeriGEO Week "Ministerial Roundtable"
- Highlighted EO integration in AmeriGEO priority areas: food security, disasters, biodiversity and ecosystems, water resources, and health, as well as capacity building, and support to indigenous and Tribal peoples



<https://amerigeo-week-2021-amerigeoss.hub.arcgis.com/>

AmeriGEO Week 2021
 August 23- 27

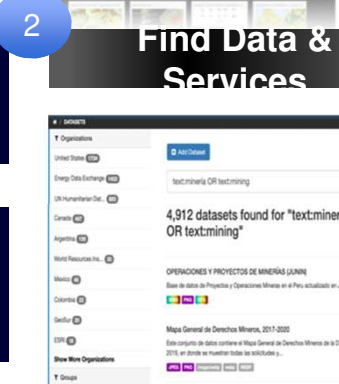
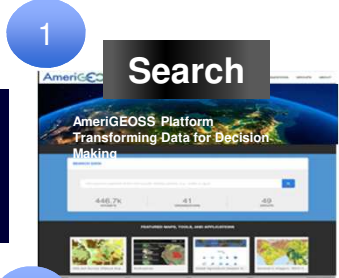
AmeriGEO Platform Support Capabilities and Resources

Building and Strengthening Partnerships
ENGAGING

Open Data Policies
ADVOCATING

Capacity to Find, Get and Use data
DELIVERING

Knowledge Transfer and Technical Development
DELIVERING



Communities of Practice



Synthesis, Analysis & Mapping

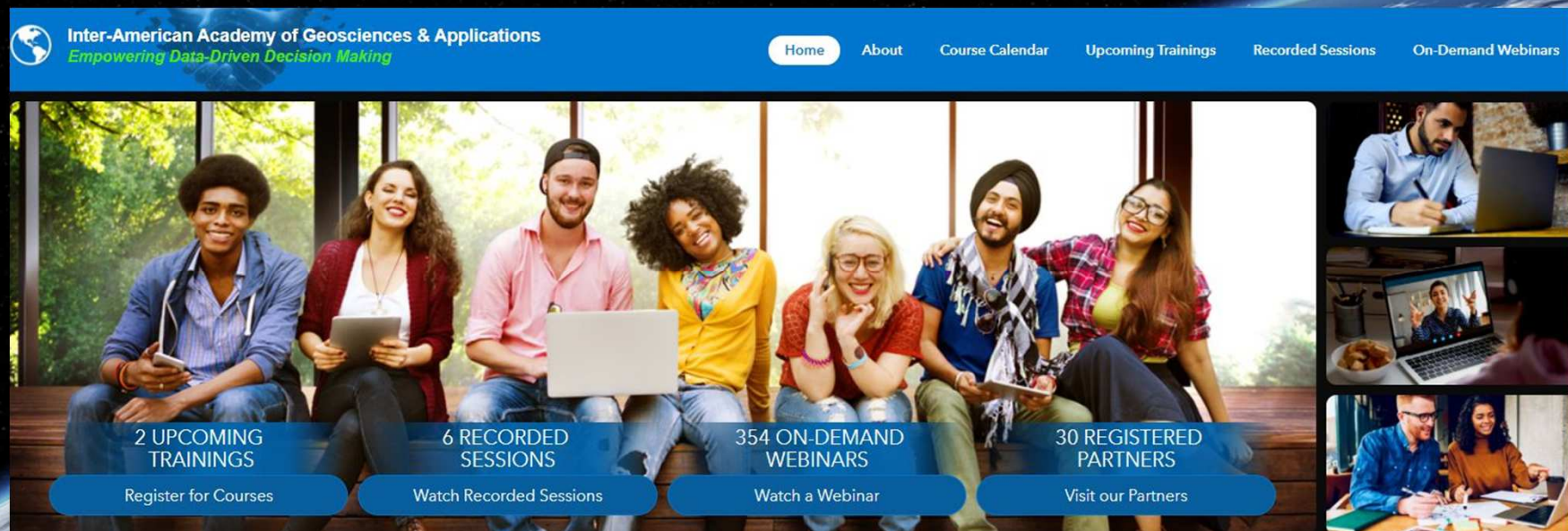


Example : Illegal Mining in the Americas

Inter-American Academy of Geosciences & Applications

Empowering Data-Driven Decision Making

<https://academy.amerigeoss.org>



Inter-American Academy of Geosciences & Applications
Empowering Data-Driven Decision Making

Home About Course Calendar Upcoming Trainings Recorded Sessions On-Demand Webinars

2 UPCOMING TRAININGS
Register for Courses

6 RECORDED SESSIONS
Watch Recorded Sessions

354 ON-DEMAND WEBINARS
Watch a Webinar

30 REGISTERED PARTNERS
Visit our Partners

The Inter-American Academy of Geosciences & Applications is an aspirational objective to remove traditional barriers for capacity development in the region. The Academy seeks to connect the community of practitioners, education, training and development opportunities, tools and resources that support knowledge and technical transfer that support professional development to advance sustainability in the region.

Method, Approach, and Status



Participate in Live Webinars and Online Training



Access a Variety of Training Options



Work with a Community of Stakeholders

The image shows a screenshot of a training selection interface on the left and a detailed course page on the right.

Training Selection Interface:

- Header: Trainings: 2 Available
- Text: Please select a training below to continue. Selection will appear in yellow.
- Search bar: Search for Training
- Filter: Course Start Date
- Item 1: Satellite Observations and Tools for Fire Risk, Detection, and Analysis (5/11/2021 - 5/27/2021). Description: Fires are a growing concern, especially in regions with longer fire seasons, expanded wildland/urban interfaces, and severe and frequent droughts. Anthropogenic fires are... Register button.
- Item 2: Observaciones de Satélites y Herramientas para el Riesgo, Detección y Análisis de Incendios (5/11/2021 - 5/27/2021). Description: La detección, monitoreo y mitigación de incendios es un tema de creciente interés, especialmente en regiones con temporadas de incendios más largas, interfaces de áreas... Register button.

Course Detail Page:

- Header: Virtual Course
- Title: Satellite Observations and Tools for Fire Risk, Detection, and Analysis
- Course Keywords: Conservation ecosystems Remote Sensing satellite imagery other Wildfire Disast...
- TRAINING DETAILS:**
 - Provider: NASA
 - Course Level: Intermediate
 - Languages: Primary: English; Secondary:
 - Date Range & Times: May 11, 13, 18, 20, 25, & 27 11:00 - 13:00 EDT (UTC-4)
- COURSE DESCRIPTION:** Fires are a growing concern, especially in region interfaces, and severe and frequent droughts. An agricultural land prior to the planting season, an repurposed for other uses. Whether naturally-oc in the structure and reflectance of vegetation an can be used to monitor pre-, during-, and post-fi characterization, fire risk, smoke detection, monit landscape. This 6-part, intermediate training will Earth observations for operational fire monitorin;
- LEARNING OBJECTIVES:** By the end of this training attendees will underst:
 - Terminology regarding type and component
 - Climatic and biophysical conditions pre-, dur
 - The satellites and instruments used in condu
 - The applications of passive and active remot
 - How to visualize fire emissions and particulat
 - The use of tools for active fire emissions an
- TRAINING PROVIDERS:**
 - Point(s) of Contact: Ana Prados
 - Presenter(s):

Partners and Contributing Organizations



THE INTER-AMERICAN ACADEMY NETWORK

Early Outcomes and Results



Webinars: **354 Available**

Please select a training below to continue.
Selection will appear in **yellow**.

Search for Training Course Title A | Z

- ¡Huracanes desde Casa!**
La meteoróloga María Torres del Centro Nacional de Huracanes (Subdivisión de Análisis y Pronósticos Tropicales); El meteorólogo principal Robert García del Servicio Meteorológico Nacional Miami / Sur de Florida; Los meteorólogos Fernanda Ramos-Garcés e Ian Colon-Pagan del Centro Nacional de Datos de Nubes Satelitales.
- 1-minute Visible Satellite Imagery Applications for Severe Thunderstorms**
This training session focuses on applications of 1-minute (or 30-second) imagery for analysis of severe thunderstorms.
- A Brief Introduction to Social Science: A course for physical scientists**
This training session provides a brief introduction to the fundamental ideas behind social science.
- Above Anvil Cirrus Plumes**
 - 1) How can the presence of an AACP help you in deciding to issue a warning?
 - 2) What does an AACP look like in satellite imagery and why?
 - 3) Where do AACPs form within a thunderstorm?

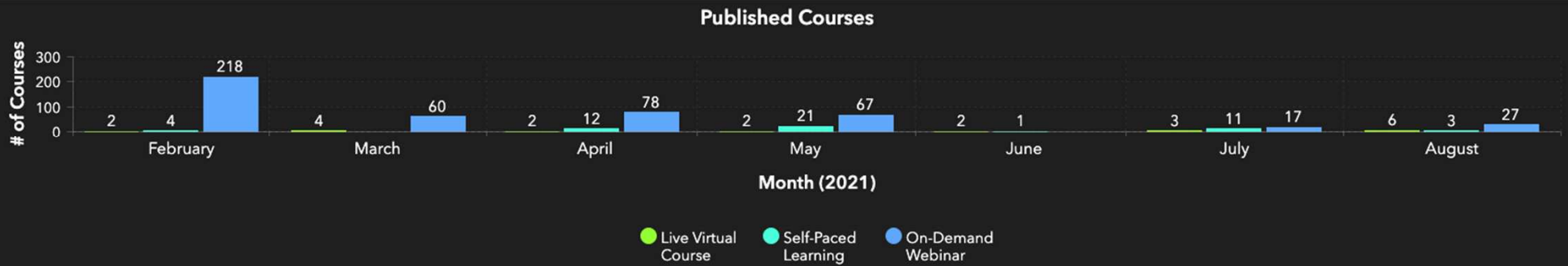
354 Webinars currently Available

Early Outcomes and Results

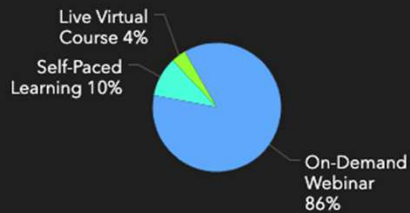
Inter-American Academy of Geosciences and Applications -- Data from 18 Dec, 2020 to 19 Sep, 2021

Filter by Thematic Area
Select a category

Filter by Providing Organization
Select an organization



Course Format



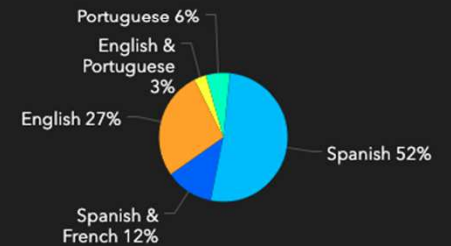
Course Level



Primary Language



Multilingual Trainings



Mostly introductory on-demand webinars

English & Spanish are the main languages

Next Steps

Identify New Strategic Partners



Further Develop Communities of Practice



Incorporate “In-Person” Training Opportunities



Identify Academy Coordinator



Thanks!

Nancy D. Searby, PhD
nancy.d.searby@nasa.gov

<https://www.amerigeo.org/>

<https://academy.amerigeoss.org>

