

Group on Earth Observations

Member Countries



@GEOSEC2025

AmeriGEOSS

Iniciativa de Coordinación Regional

Planeada en Octubre 2014,



-  Argentina
-  Bahamas
-  Belize
-  Brazil
-  Canada
-  Chile
-  Colombia
-  Costa Rica

-  Ecuador
-  Honduras
-  Mexico
-  Panama
-  Paraguay
-  Peru
-  United States
-  Uruguay



16 Member Countries
Observers: Bolivia, Guatemala

Group on Earth Observations

Participating Organizations





111 Countries

129 Participating Organizations



Group on Earth Observations

Our priorities



UN World Conference on
Disaster Risk Reduction
2015 Sendai Japan



PARIS2015
UN CLIMATE CHANGE CONFERENCE
COP21·CMP11



2020-2022 GEO Work Programme

Implementation Plans

GEO Flagships

GEO Biodiversity Observation Network GEO BON	GEO Global Agricultural Monitoring GEOGLAM	Global Forest Observation Initiative GFOI	Global Observation System for Mercury GOSM
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GEO Initiatives

AquaWatch AQUAWATCH	Data Access for Risk Management GEO-DAEMA	Data Integration and Analysis System DIAS	Earth Observations for Ecosystem Accounting EO4EA	Earth Observations for Health EO4HEALTH	Earth Observations for the Sustainable Development Goals EO4SDG
GEO Capacity Building in North Africa, Middle East, Balkans and Black Sea Region GEO-CHADLE	GEO Global Water Sustainability GEOGLOWS	GEO Human Planet HUMAN-PLANET	GEO Land Degradation Neutrality GEO-LDN	GEO Vision for Energy GEO-VENER	GEO Wetlands GEO-WETLANDS
Geohazard Superites and Natural Laboratories GSHL	Global Drought Information System GDIS	Global Network for Observations and Information in Mountain Environments GEO-GNOME	Global Observation System for Persistent Organic Pollutants EOS4POPS	Global Urban Observation and Information GUDI	Global Wildfire Information System GWIS
Oceans and Society: Blue Planet BLUE-PLANET					

GEO Community Activities

Advancing Communication Infrastructure and Services ACIS	Arctic GEOSS ARCTIC-GEOSS	Chinese High-resolution Satellite Data Resources CSDR	Climate Observation, Simulation and Impacts CLIMATE-OBS	Capernicus Atmosphere Monitoring Service CAMS	Capernicus Climate Change Service CCS
Digital Earth Africa DE-AFRICA	Earth Observation and Copernicus in support of Sendai Monitoring EO4SENDAI-MONITORING	Earth Observation Industrial Innovation Platform for Sustainable Development EO-IP	Earth Observations for Disaster Risk Management EO4DRM	Earth Observations for Managing Mineral and Non-Renewable Energy Resources EO4MMN	Earth Observations for the Atlantic Region ATLANTIC-EO
Earth Observations for the Water-Energy-Food Nexus EO4WEF	Enhancing Food Security in African Agricultural Systems with the Support of Remote Sensing AFRICULTURES	GEO Citizen Science GEO-CITSCI	GEO Essential Variables GEO-EV	GEO Global Ecosystems GEO-GCO	Geodesy for the Sendai Framework GEO4SENDAI
Global Agricultural Drought Monitoring AGRI-DROUGHT	Global Crop Pest and Disease Habitat Monitoring and Risk Forecasting CROP-PEST-MONITORING	Global Ecosystems and Environment Observation Analysis Research Cooperation GEO4ERC	Global Flood Awareness System GLOFAS	Global Flood Risk Monitoring GFRM	Global Land Cover LAND-COVER
Global Observation of Deltas and Estuaries DELTA-ESTUARY	In-Situ Observations and Applications for Ecosystem Status of China and Central Asia IN-SITU-ISC	Multi-source Synergized Quantitative Remote Sensing Products and Services MUSYQ	Next Generation Earth Observation Services NEXT-EOS	Night-Time Light Remote Sensing for Sustainable Development Goals NIGHT-LIGHT	Space and Security SPACE-SECURITY
Spacia Climate Observatory SCO	The International Grand Global Ensemble TIGGE	Understanding the Impacts and Value of Earth Observations GEO-VALUE			

Regional GEOs

African Group on Earth Observations AFRIGEO	Americas Group on Earth Observations AMERIGEO	Asia-Oceania Group on Earth Observations AOGEO	European Group on Earth Observations EUROGEO
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Foundational Tasks

GEO Engagement Priorities Coordination	GEOSS Data, Information and Knowledge Resources	GEOSS Infrastructures Development	GEO Work Programme Support	GEO Secretariat Operations
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Plataforma AmeriGEOSS GEOSS

Advancing the use of Earth Observations in the Americas

Your Gateway to Earth Observations in the Americas

Water

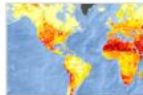
Water



Web Mapping Application
Agricultural Exposure to Water ...
Water stress evaluation by the
World Resources Institute



Web Map
AmeriGEOSS Open Data Report...
This is an open data mapping
exercise to report progress in
open data for the Americas.



Application
AQUEDUCO Water Risk Atlas
These maps show where water-
related risks are most severe.
These maps were created by ...



Web Mapping Application
Brazil Extreme Events 1980-2010...
National database for disaster
System Integrator de ...

Socavación

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Inundaciones

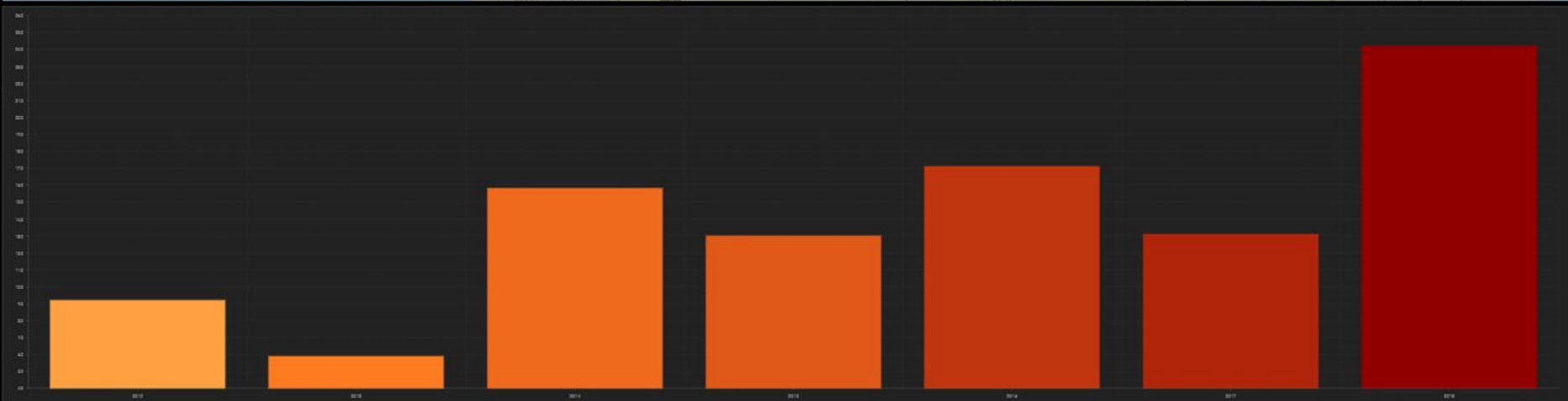
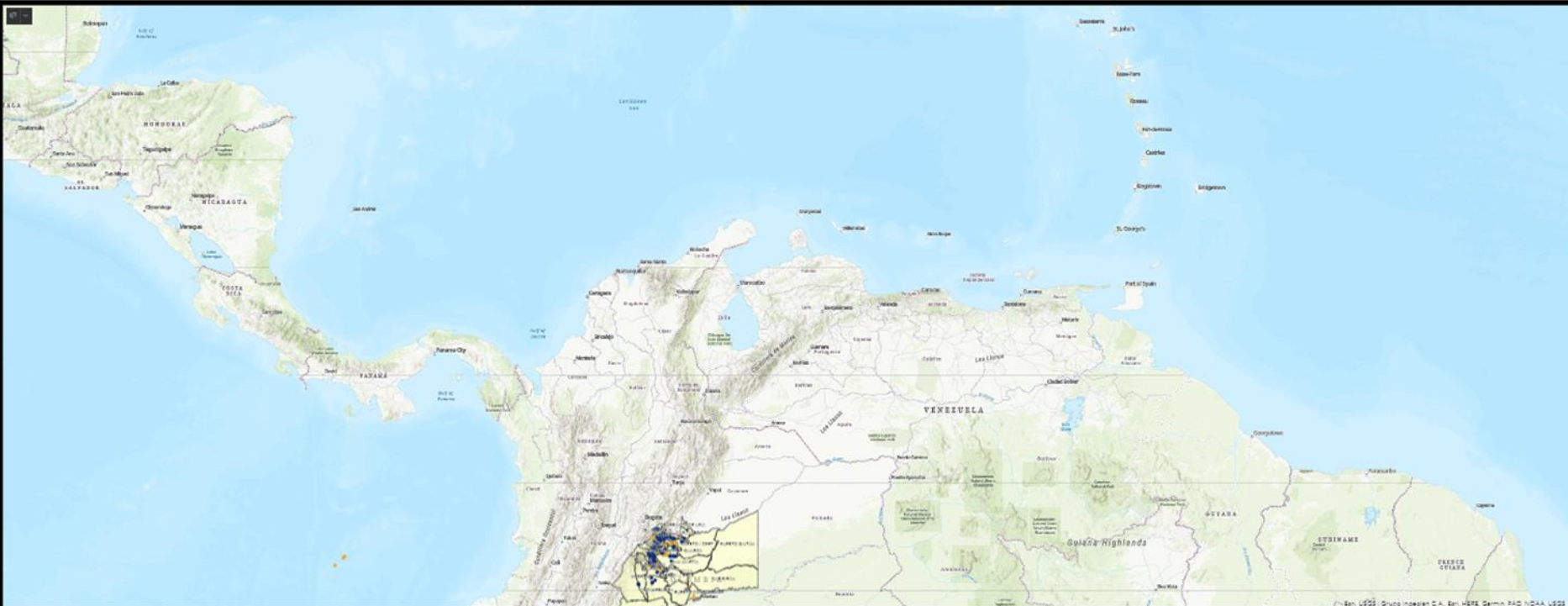
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Remoción en masa

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!Gracias!



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NASA Langley Research Center