



Colombia as Regional Support Office of UNOOSA

Instituto Geográfico Agustín Codazzi (IGAC)

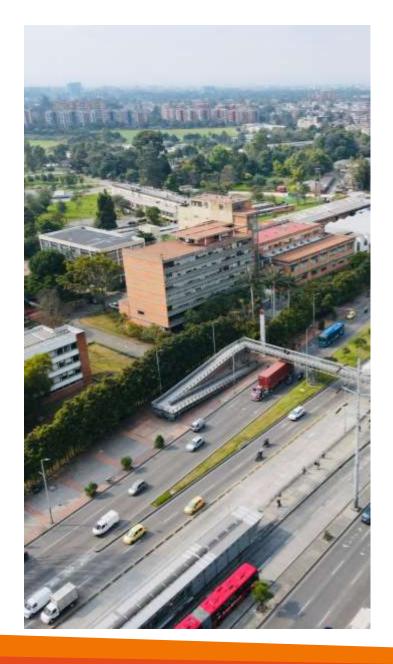
November 15, 2022





Background

- The Instituto Geográfico Agustín Codazzi (IGAC) of Colombia and UNOOSA signed a cooperation agreement in 2011 to establish the Regional Support Office in Colombia.
- IGAC teaches in Colombia about the use of information obtained from space for different purposes and has participated with UN-SPIDER in activities carried out in Latin America and the Caribbean.
- As a Regional Support Office, IGAC has offered experts to UN-SPIDER to provide Technical Advice to countries in the region in order to obtain better capacities in the people of the region.



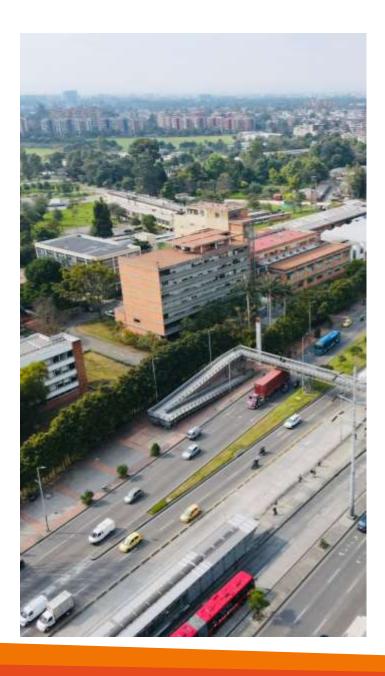


In 2009, 2011, 2013 and 2014: IGAC sent an expert to these events:

Technical Advisory Mission to Dominican Republic



- Institutional Strengthening Mission to Dominican Repub
- Institutional Strengthening Mission to Dominican Republic / national training course
- Technical Advisory Mission to El Salvador and UN-SPIDER/CEPREDENAC Regional Expert Meeting for Latin America & Caribbean
- In 2011, the National Unit for Disaster Risk Management was created in Colombia.

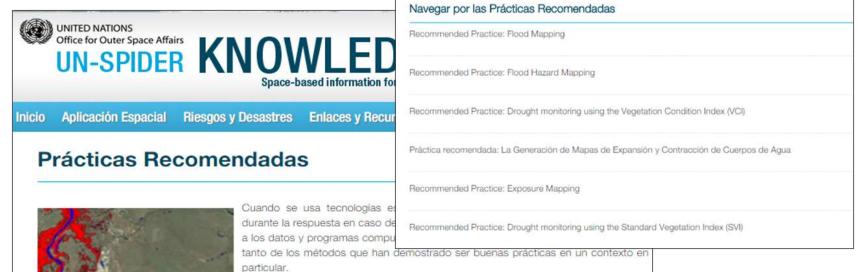




In 2015:

sección de comentarios.

 The Geographical Institute carried out flood investigations and publicized the methodology in Geomatic Week and on the UN Sipder portal



En tal sentido, los socios y las Oficinas Regionales de Apoyo de ONU-SPIDER están elaborando una serie de prácticas recomendadas que proveen consejos prácticos e instrucciones sobre cómo usar la información satelital en el caso de diversos tipos de

amenazas, así como en varias fases del ciclo de la gestión de desastres.

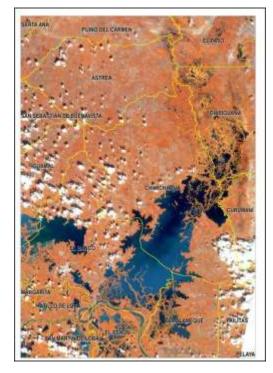
Si tiene alguna pregunta o quisiera contarnos sobre su experiencia en la aplicación de estas prácticas, háganos el favor usar la



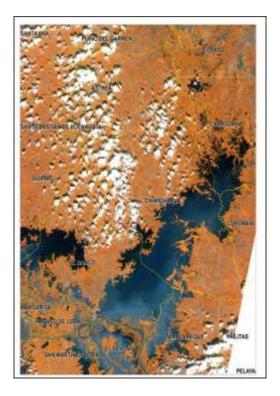


In 2015: Joint regional activity at IGAC back to back with IGAC's Geomatic Week

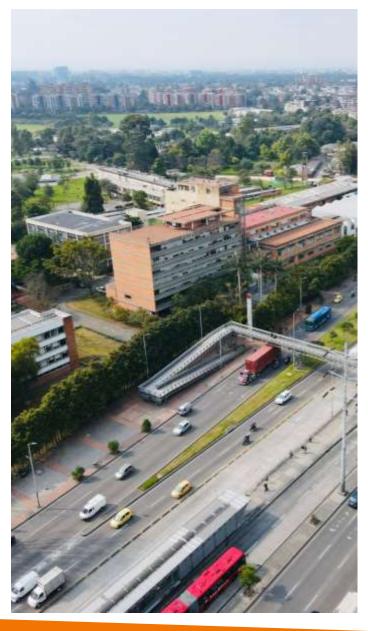
UN-SPIDER/IGAC Regional Expert Meeting for Latin America & Caribbean, including regional training course



Niño -2009



Niña -2011





In 2015:

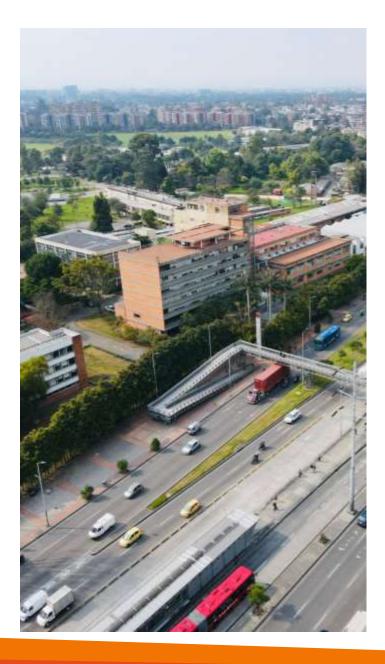
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UN-SPIDER and IGAC conducted a Regional Expert

Meeting in Colombia | UN-SPIDER Knowledge Portal

UN-SPIDER and its Regional Support Office IGAC conducted a Regional Expert Meeting in Bogota, Colombia from 12 to 14 August within the International Geomatic...

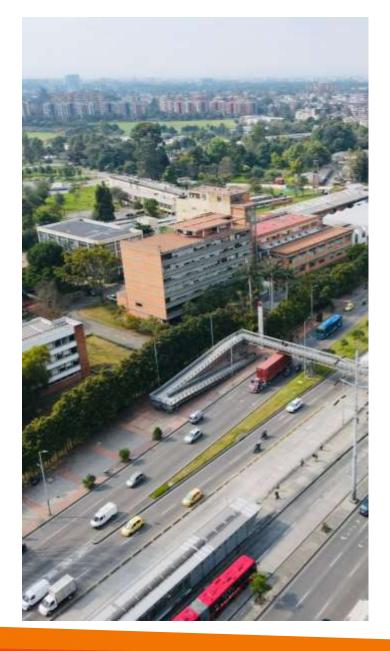




In 2015:

• The IGAC prepared a manual of recommended practices on "The Generation of Maps of Expansion and Contraction of Bodies of Water"







In 2016: IGAC sent an expert to these events:

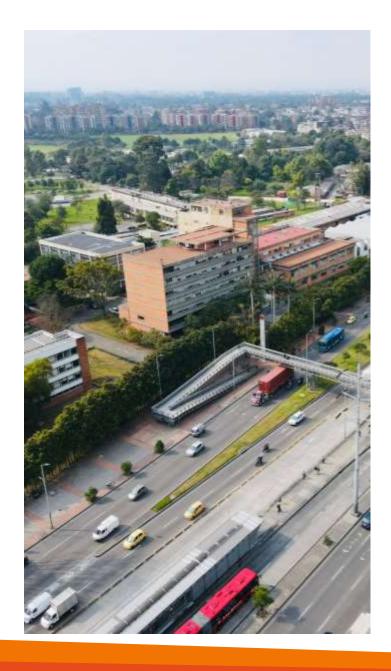
- UN-SPIDER/CNE Regional Expert Meeting for Latin America & Caribbean and National Training Course for Dominican Republic
- National Training Courses in El Salvador and Guatemala (back-to-back)



In 2017:

- UN-SPIDER/CNE Regional Expert Meeting for Latin America & Caribbean and National Training Course for Mexico
- The course "Geospatial Information Management for Risk Management and Disaster Response" was given for the UN SPIDER program in San Salvador in El Salvador.







In 2017:

The course "Geospatial Information Management for Risk Management and Disaster Response" was given for the UN SPIDER program in Guatemala City, Guatemala.

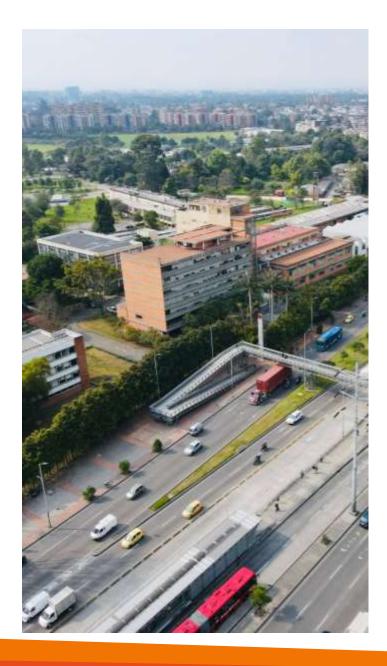


IGAC participated in the event held in Bonn Germany, called: "International Conference of the United Nations on International Cooperation to achieve Low Emission and Resilient Societies"





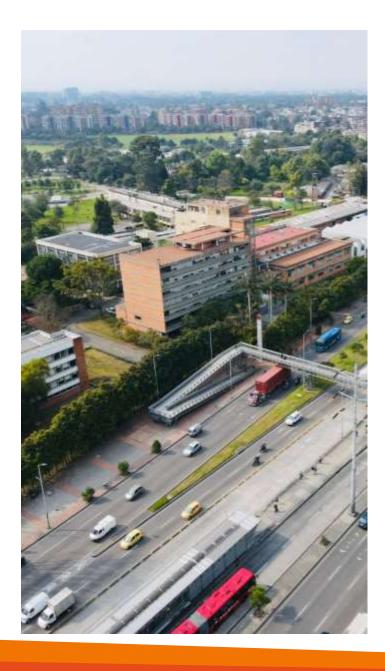






In 2018: IGAC sent an expert to these events:

- UN-SPIDER/CNE Regional Expert Meeting for Latin America & Caribbean and National Training Course for Dominican Republic.
- National Training Courses in El Salvador and Guatemala (back-to-back)
- IGAC participated in the "UNISPACE+50 High Level Sessions of the Commission on the Uses of Outer Space for Peaceful Purposes"
- Technical Advisory Mission to Peru
- Institutional Strengthening Mission to Ecuador / national training course



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In 2021 – 2022 : IGAC sent an expert to these events:

 Colombia and Argentina developed methodological instruments for the analysis of fires through remote sensing





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Colombia and Argentina developed methodological instruments for the analysis of fires

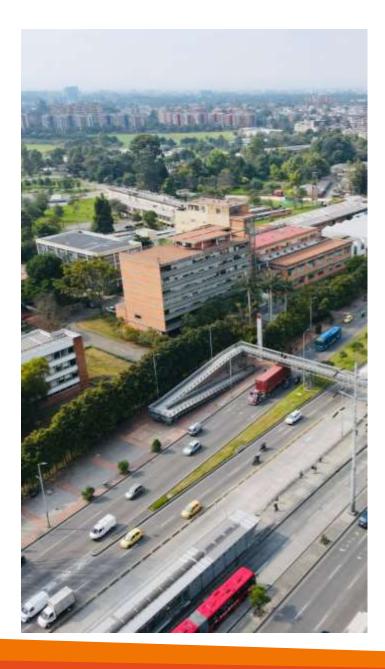
through remote sensing







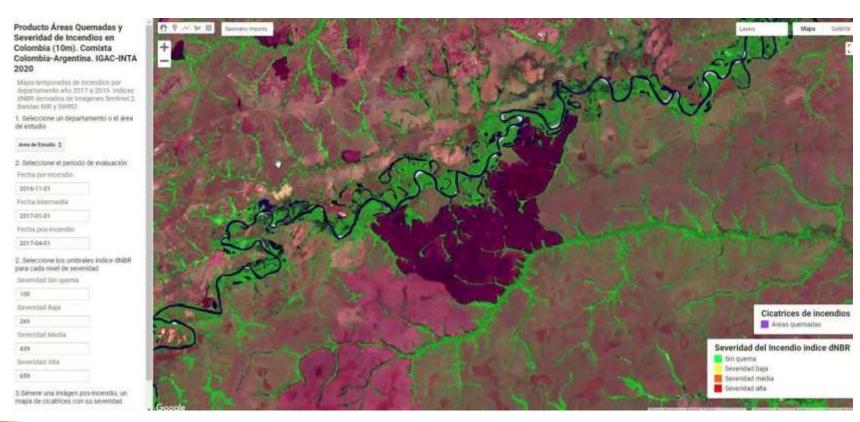


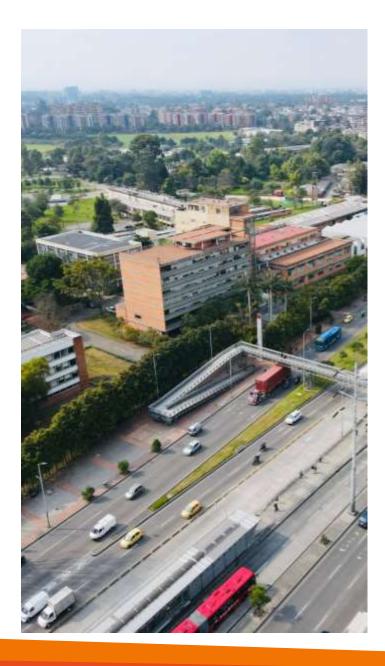


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In 2021 – 2022: IGAC sent an expert to these events:

Map of burned areas and fire severity analysis





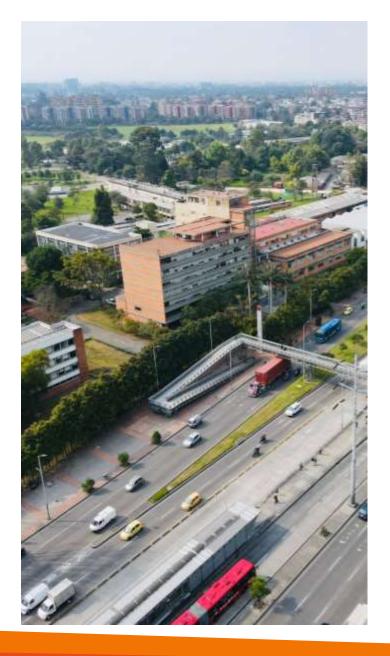


In 2022: Invitation for UN-SPIDER to participate in IGAC's Geomatic Week





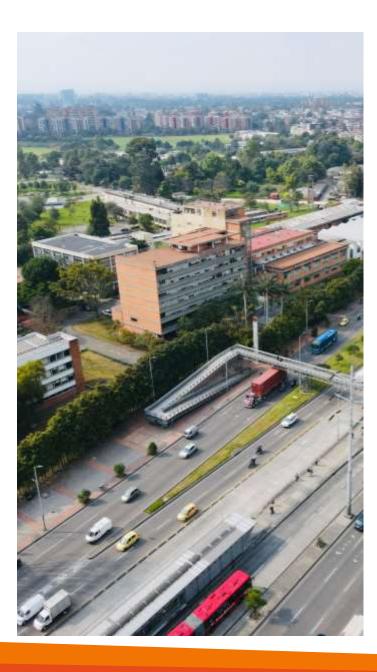
Technical Advisory Mission to Paraguay next week



Proposed future actions



- Provide autonomous courses for the region, on topics such as the use of free software to process data, for example QGIS, and the use and exploitation of cartographic information.
- We have a training platform for students who want to learn about the use and exploitation of cartography.
- Collaborate with other UN Spider offices to unite capacities to improve knowledge on geospatial issues to manage disasters in the region.
- Develop methodologies to improve disaster risk management and post them on the UN Spider portal



Proposed future actions





ANUNCIOS

Bienvenidos al Telecentro del Instituto Geográfico Agustin Codazzi



Doctorado en geografia

Formar investigadores de alto nivel con competencias para realizar y orientar en forms autónoma procesos académicos e investigativos en el campo de la geografía, cuyos resultados constituyan una contribución original y significativa al conocimiento geográfico, a la vez que participen en la formación de nuevas generaciones de geógrafos.



Maestria en teledetección

La Maestria en Teledetección es un programa de posgrado, que busca formar profesionales de alto nivel (Capacidades Investigativas, Técnicas y académicas) en el manejo de información proveniente de sistemas sensores activos «Radar y LIDAR» y pasivos — Multiespectral e Hiperespectrales», provenientes de diferentes tipos de plataformas — Satelitalies, Aerotransportadas y Vehiculios Aéreos No Tripulado.



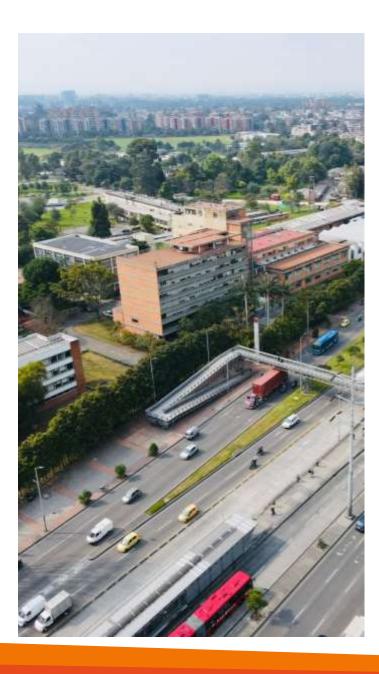
Maestria en geografia

Formar investigadores con capacidad para realizar y orientar en forma autónoma procesos y actividades académicas e investigativas en el campo de la geografía. Los resultados serán una contribución significadiva al conocimiento territorial socio espacial y ambiental en escalas internacional, nacional, regional o local.



Maestria en gestión de la información y tecnologías geoespaciales

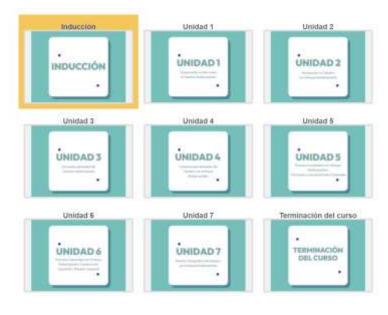
La Universidad Sergio Arboleda y el Instituto Geográfico Agustin Codazzi, IGAC, crean este programa con el objetivo de fortalecer el conocimiento de la Tierra y del espacio ultraterrestre, mediante la utifización de tecnologías modernas e información proveniente de sensores remotos.



Proposed future actions



Reconocedor Predial Urbano - Rural - 20...





Unidad 2





Corresponden a una metodologia, para efectuar el estudio econômico mesvo:

Son especios geográficos con características armiliares en cuanto a vies, topografía, servicios públicos, uso actual del suelo, norma de uso del suelo, tiplificación de les construcciones y/o edificaciones, áreas homogeneas de tierra, disponibilidad de aguas superficiales, permanentes u otras variables que permitan diferenciar estos áreas de las adyacentes.



