X SESSION
UN-GGIM: AMERICAS

October 18, 19 and 20 - 2023
Santiago de Chile, ECLAC

ACADEMIC NETWORK
UN-GGIM: AMERICAS

PhD. Rosario Casanova - Chair
ANA Executive Committee
2023 - 2027

ROSARIO CASANOVA
CHAIR

MACARENA PÉREZ
VICE CHAIR

RIGOBERTO MORENO
SECRETARY
Advisory Board
2023 - 2027

CHARLOTTE D. SMITH
DANA J. CACCAMISE
MIRIAM OLIVARES

AND

New representatives for each working group of UN-GGIM: Americas
Activities Done
Collaboration working groups

• Aguascalientes Declaration
• Capacity Development WG

The UN GGIM Americas Work Plan and the Joint Action Plan for the Aguascalientes Declaration

“UN-GGIM: Americas is part of the group of organizations collaborating in the Joint Action Plan for the Aguascalientes Declaration.

There is an opportunity to strengthen the collaboration between the working groups of the Joint Action Plan to support the implementation of the IGIF, specially those focused on Capacity Development and CCC (Collaboration, Coordination and Communication).

IGIF provides a structure to align the Joint Action Plan with the nine IGIF Strategic Pathways. UN-GGIM: Americas will be sharing a proposal with Amerigeo by September 2022.”

Sofia Nilo, 2022
Work done

Collaboration working groups

• Capacity Development HLG IGIF

• Coordination Team: Translation IGIF Documents
The overall ambition of the Translation Team (TT) is:

- to help promote the UN-IGIF documents widely in support of improved geospatial information management for sustainable development.
- to help foster the launch of as many language tracks as possible.
Education/webinars

• Supported of training events carried out as part of the activities of UN-GGIM: Americas

• Diffusion of other educational activities from partners
Diffusion

• Presentations regarding UN-GGIM: Americas, Academic Network and specifically regarding the research of Ethics in the use of GI and its education and regarding the geographical indicators of SDG’s.

• Presenting at various conference on behalf of UNGGIM Americas ANA, for example: Congress of FIG in Warsaw, Poland 2022, Working Week of FIG in Orlando, USA 2023, Annual Meeting Commission 2 and 7 FIG, The Netherlands, 2023.
Work done

Diffusion / Research

• Writing several articles/interviews


Royal Institute of Chartered Surveyors (RICS) Journal on the Ethics in the use of geospatial information in the Americas
GEO-ETHICS

INCLUDING SDG IN THE ACADEMIC CURRICULA
(geographical indicators of SDG)

INVENTORY OF EXISTING COURSES/TRAINING

DETECTING THE GAP- IDENTIFYING THE NEEDS
WITH THE TRANSLATION TEAM OF IGIF
PROJECT: ETHICS IN THE USE OF GI

Surveys: ethical use of geospatial data (2021 – 2022)

¿Brinda algún curso de entrenamiento/capacitación sobre el uso ético de los datos geoespaciales? - Encuesta en español

44% 56%

¿Está considerando incluir la discusión de la ética en cursos futuros? - Encuesta sobre ética en el uso de datos geoespaciales en su institución

21.1% 78.9%

Surveys: ethical use of geospatial data (2023)

¿Incluye alguna capacitación referida al uso ético de los datos geográficos? - Encuesta sobre ética en el uso de datos geoespaciales en su institución

72.4% 27.6%

PRODUCTS:
- Webinars: Training trainers
- Core topics to be included in ethical courses
- Articles

JOINING EFFORTS WITH EUROSDR/PAIGH/AUGM/ OTHERS

ARGENTINA
BRASIL
CHILE
MEXICO
PANAMA
Soon USA
URUGUAY
Soon EuroSDR

https://forms.gle/cogM74yXtwHdaC6BPa

UN-GGIM:Americas
REGIONAL COMMITTEE OF UNITED NATIONS ON GLOBAL GEOGRAPHICAL INFORMATION MANAGEMENT FOR THE AMERICAS
INCLUDING SDG IN THE CURRICULA

XXVII FIG CONGRESS
11-15 SEPTEMBER 2022
Warsaw, Poland

Education on the Geographic Indicators of the Sustainable Development Goals in Uruguay

Dra. Ing.Agrim. Rosario Casanova – casanova@fing.edu.uy
Senior Lecturer in Geomatics, Land Surveying Institute, Faculty of Engineering, Universidad de la República.
Chair Academic Network Americas of UN-GGIM
Vice-president of Asociación de Agrimensoras del Uruguay.

MOTIVATION

RELEVANCE OF SDGs

- UN-GGIM
- Concepts not included in curricula

Because of COVID-19

- Design a course in order to keep students motivated and learning new concepts.
- On-line classes, meetings, interviews!
- Promote interaction even not face to face.
INVENTORY OF COURSES – in progress

Relevamiento de Capacitación en Geotecnotologías – Red Académica UN-GGIM

El objetivo de la presente encuesta es realizar un inventario sobre la formación (cursos/talleres/seminarios) que se dictan periódicamente o se brindarán en el correr del próximo año sobre temas relacionados con UN-GGIM. La información recopilada estará disponible en el sitio de la Red, de manera que todo el público interesado pueda acceder.

Correo electrónico *

casanova38@fig.edu.uy

En qué idioma prefieres contestar el formulario? *

- [ ] Español
- [x] English

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<thead>
<tr>
<th>Nombre de Institución Académica responsable del dictado del curso *</th>
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<td>Tu respuesta</td>
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<th>Sitio web de dicha institución *</th>
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<th>Breve descripción del curso *</th>
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joining efforts with:

- CD WG IGIF
- InterAmerican Academy
- EuroSDR
- America FIG Regional Network
- Academic Network
LESSONS LEARNT FROM THE TRANSLATION TEAMS

• Local / regional webinars
• Training events/ local documents
• Inventory of documents by CD WG HLG IGIF
• Detecting the gap
• Identifying the needs
• Preparing materials
New
Webinars / conference/seminars: every two months, by members of our network.

Activities

• Identify key topics of interest.
• Create calendar of specialized activities.
• Facilitate knowledge exchange.
• Promote collaboration and networking.
• Promote continuous professional updating.
The survey will identify institutions involved in education / research in Artificial Intelligence in geographic applications in the Americas.

- Identification of Academic offer
- Map Research Projects
- Collect Available Resources
- Determine Needs and Challenges
- Establish a Network
- Education Improvement
- Support for the SDG
- Promote Regional Collaboration
INTEGRATION OF DATA AND INFORMATION ON DISASTER RESILIENCE:
RESILIENCE DATA PLATFORM

THE PROJECT
An open access platform that integrates data and tools for analyses related to risk and natural disaster resilience.

The data comes from several sources and have been curated and standardized in order to foster research, development, innovation and entrepreneurship.

804 registered users on the Data Platform. (Sept. 23)

Catalog: Search, browse, view, download and export to users’ workspace.
Map Viewer: Visualization of georeferenced data layers, exploration of related information and download.
Time Series: Visualization of data sequences, connection to real-time data sensors and download.

Available at: www.plataformadedatos.cl
Why Copernicus?

- Free and open data
- Periodic capture of images over known trajectories
- A comprehensive set of public global services
- Long term programme guaranteed by EU

Copernicus and University of Chile

- Copernicus agreement EU – Chile, Colombia and Brazil 2018
- U. of Chile commits to implement agreement in 2018
- Copernicus Data Repository established in Chile in September 2019
- Infrastructure supported by NLHPC
LAST BUT NOT LEAST
Thank You

PhD. Rosario Casanova
Chair Academic Network UN-GGIM: Américas