

## Trustful and Ethical Use of Geospatial Data: the Role of Academics

9:00 a.m. to 10:25 a.m. New York (EDT/UTC-4), Wednesday, August 3, 2022

### Concept Note

#### Background

The primary objective of the UN-GGIM Academic Network is to support the aims and objectives of the Committee of Experts on Global Geospatial Information Management (UN-GGIM) by facilitating global access to research and education capabilities for the UN-GGIM and its affiliated members to identify and respond to challenges and opportunities for the UN-GGIM and related offices of the United Nations. One of its aims is to provide a forum for coordination and dialogue among academics and researchers from the geospatial information management community to advance activities related to competencies and qualifications needed for the administration, management, and use of geospatial information, and to identify and respond to challenges and opportunities in which the UN-GGIM and related members can achieve their visions.

Since the establishment of the Network in 2016, it has successfully organised events during the 7th, 8th, and 9th UN-GGIM Sessions in New York, as well as a virtual event during the 11th UN-GGIM Session. In this year, the side event will be held once again in person in New York and will debate on issues related to trust in geospatial data and ethical use of such data and how ethical values play a large role in building trust in data. More importantly, the event will explore the role the academics can play in building the capacities of practising data trust and ethical use of geospatial data. The topics will include, but not limited to, ethics in GIScience, mapping and cartography, trust in geospatial data, information, and knowledge, ethics of augmented and extended reality and the Metaverse, use and misuse of geographic information in social media, and other related topics.

This side event will get together the Academic Network members, key people from UN-GGIM regional committees and working groups, and other interested participants to explore gaps, challenges and opportunities facing geospatial data trust and ethical use of them.

#### Objectives

The side event aims at the following objectives:

- Share experiences on incorporating trust and ethical use in geospatial information management;
- Discuss what is needed and what is urgent for better addressing the related issues, and how the Academic Network can contribute; and
- Explore the role of academics in promoting trust in geospatial data and its ethical use.

#### Provisional Agenda

The side event will be held in a format that combines presentations, Q/A, and discussions for one and half hours, with the following preliminary agenda.

United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM):  
Academic Network

01:15 - 01:25pm	Welcome & Introduction	AN Executive Committee
01:25 - 01:35pm	In Maps We Trust! Trustworthiness of Geodata and their Visualisations	Georg Gartner, TU Wien, Austria
01:35 - 01:45pm	Ethics in the Use of Geospatial Information: the Case of the Americas	Paloma Merodio, INEGI, Mexico
01:45 - 02:00pm	Ethics in Geospatial Science Education	Rosario Casanova, Universidad de la República, Uruguay; Joep Crompvoets, KU Leuven, Belgium
02:00 - 02:40pm	<p>Q/A &amp; Discussion: some suggested points for discussions:</p> <ul style="list-style-type: none"> <li>● How to maximise benefits while preserving data privacy and security?</li> <li>● Has the ethical use of geospatial data been adequately addressed?</li> <li>● Are the current ethical guidelines and standards sufficient?</li> <li>● What are the concepts of trust, trust models, and trust indicators that can be applied to GIS and geospatial data?</li> <li>● How can we make sure the maps are trustworthy, especially when being used by the public?</li> <li>● What are the challenges in educating people and the roles of academics?</li> </ul>	All
02:40 - 02:45pm	Wrap-up	AN Executive Committee

### Registration

If you are already attending the Twelfth Session of the United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM) in New York, 3-5 August 2022, there is no need to register for the side event. However, we encourage RSVP if you are planning to attend the event.

This side event is organised by the UN-GGIM Academic Network. For further information, please contact us at [ungimacademicnetwork@gmail.com](mailto:ungimacademicnetwork@gmail.com).