

SEMINAR
**Geospatial Information Services
in Support of the United Nations**

30 March 2023, 14:30-17:15 CEST

<https://politecnicomilano.webex.com/meet/maria.brovelli>

Speakers

Kyoung-Soo Eom

Chief Geospatial Information Section

Office of Information and Communications Technology

United Nations – New York



Mr. Kyoung-Soo Eom has been serving as Chief of Geospatial Information Section in the United Nations. He joined the United Nations Department of Peacekeeping Operations (DPKO) in 1999, and he identified the missed opportunities in using geospatial information and GIS tools in order to meet the operational needs to support effective decision-making of UN peacekeeping operations. In 2000, he prepared a project proposal to use GIS and Remote Sensing to support UN peacekeeping operations with an aim to bring geospatial analysis capability to UN peacekeepers and support a common operational picture.

In accordance with the Peace Agreement between Eritrea and Ethiopia, the UN Secretary-General designated Mr. Eom to serve as the Secretary of the Eritrea-Ethiopia Boundary Commission (EEBC) in 2005-2008. He was also appointed Acting Chief of Strategic Support Service in the Department of Field Support in 2012-2013.

The UN Geospatial Information Section supports geospatial information needs of the Security Council and the UN Secretariat including UN field missions, and oversees global GIS programmes at UN Headquarters and in the UN field missions. It provides GIS services to decision makers, political analysts, planning & operation teams, humanitarian affairs, economic & social affairs, safety & security and logisticians with a

wide array of geospatial services. It also supports Member States in boundary making activities upon request. The UN Geospatial Information Section, together with the Statistics Division, is providing support to the UN Committee of Experts on Global Geospatial Information Management (UN-GGIM), as co-Secretariat.

Timur Obukhov



Geo-analytics Expert

Office of Information and Communications Technology

United Nations – New York

Timur Obukhov is Officer-in-charge of Geo-analytics in the United Nations Headquarter. He has 20 years of experience in the United Nation's demining, humanitarian and peacekeeping operations in Azerbaijan, Ethiopia, Sudan and Tmor-Leste. Timur is also a student of Data Science Ph.D. Programme at the Sapienza University of Rome under the supervision of Prof. Maria Brovelli.

Michael Montani

Consultant

United Nations Global Service Center (UNGSC) – Brindisi (Italy)



Michael Montani is a GIS Consultant at the United Nations Global Service Center (UNGSC) and coordinator of the crowdsourcing activities for UN Maps. Formerly he has been YouthMappers Research Fellow and co-founder of the first European chapter of the network, PoliMappers. Over the years, he trained hundreds of contributors including UN personnel, academia and local communities worldwide on Volunteered Geographic Information and open-source GIS. He holds a MS in Geoinformatics Engineering at Politecnico di Milano.

Session-1: Geospatial Information for the United Nations, and for a Better World

Why the United Nations was established and what are the key mandates of the United Nations: to (1) maintain international peace and security, (2) promote economic and social development, and (3) promote and protect human rights.

What are the geospatial requirements for the United Nations, UN Geospatial vision and strategy. Who they serve, where they operate, what are geospatial support to (1) peace & security, (2) human rights,

(3) sustainable development, (4) humanitarian aid, and (5) international law. Introducing some key aspects of UN geospatial activities and the UN Open GIS Initiative. More information on UN Geospatial.

Session-2: Serving the World – UN Job Opportunity

Brief introduction of the United Nations system to understand UN principal organs and their subsidiary organizations such as UN Secretariat, UN agencies, funds and programmes.

Who could be suitable candidates to serve for the United Nations?

Introducing UN job profiles, career starting points, professional jobs, young professional programme (YPP), pay & benefits, internship programme.

How to access the UN job opening website (careers.un.org).

How to prepare a personal history profile (PHP) for applying to UN jobs.

Session-3: UN Mappers

UN Mappers is a community of passionate digital volunteers supporting UN field operations by editing OpenStreetMap or providing open geospatial data. The community is composed by more than 4000 contributors including UN personnel on the field (GIS and Information Management working groups and uniformed personnel), academia (high schools and universities), local communities and remote volunteers from all over the world. UN Mappers have been giving support to crises as the earthquake in Türkiye and Syria, development projects as educational planning in Madagascar and innovative applications as Virtual Reality. Everybody can be a UN Mapper, and you can stay updated on the community activities by following UN Mappers social media or visiting <https://mappers.un.org>