

WEBINAR

GeoHub: a cloud-based intelligent webGIS for UNDP

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Politecnico di Milano – room 7.1.2 and

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

The United Nations Development Programme (UNDP) is a United Nations agency tasked with helping countries eliminate poverty and achieve sustainable economic growth and human development. In the context of Sustainable Development Goals (SDGs), there has been increasing demand to support policymakers and various stakeholders with digital tools for sustainable data-driven decision-making. This state has been facilitated by the relative abundance of data across UNDP itself and various partner organizations. To maximize the value of this data, complex systems and stacks of tools are rapidly being built and employed in the decision-making processes (Data Futures Platform, etc.). A considerable amount of this data features a spatial character in the sense it provides locational information and a spatial context. GeoHub is an initiative to build on this stack of geospatial tools aimed to empower a broad range of users to harness the power of geospatial data integrated from disparate projects. This is going to be achieved by developing accessible interfaces incorporating geospatial visualization and analytics functionality ranging from simple spatial selection and query through spatial overlay to advanced spatial computations and modeling performed on the server side. As a result, policymakers and users will gain new insights into spatial dimensions of the processes in question like identifying spatial clusters and spatial outliers as well as revealing hidden spatial trends (positive or negative spatial relationships between various spatial units).

Speaker: Ioan Ferencik - UNDP SGD Integration



Dr. Ioan Ferencik is a geospatial professional with over 15 years of experience in international organizations and the private sector. He is currently leading the UNDP GeoAnalytics team, part of UNDP SGD Integration, a body that supports UNDP in tackling complex development challenges and achieving SGD goals. Ioan is focused on delivering value-added solutions based on proprietary as well as open-source technologies and is a big enthusiast of building complex geospatial solutions by leveraging state-of-the-art computing, storing and analytics services.