The Tenth Session of the World Urban Forum
Cities of Opportunities: Connecting Culture and Innovation

Event Details

Title of Event
How to use open data and tools to measure sustainable urbanization

Organization Details
Organization: European Commission - Joint Research Centre
Organization Country: Italy

Summary
The training offers the basic knowledge to analyse human settlements and the process of urbanisation with geospatial data and information systems. The event aims to provide trainees with competences for data-driven and evidence-based monitoring of urban development based on free and open data sets and tools produced at the European Commission. In particular, participants will learn the basics of the datasets and tools that can help in monitoring urbanisation trends and phenomena across the globe and in Europe. The training focuses on two key information systems produced by the European Commission - Joint Research Centre (JRC): the GHSL Urban Centre Database and the Urban Data Platform. The GHSL Urban Centre Database contains records for 10,000+ urban centres across the globe with more than 100 attributes for environmental, disaster risk reduction, SDG and urban studies. The training explains how to access to and how to use the GHSL Urban Centre Database, with practical examples for urbanisation analysis and SDG monitoring (11.3.1 and 11.7.1). Urban Data Platform + provides an access point to exchange information on the status and trends (past and future) of European cities and regions. The UDP+ provides access to information on the status and trends of European cities and regions, as well as to the exploration of EU supported integrated urban and territorial development strategies. With the aim to aid decision makers and stakeholders, it provides tools to monitor urban areas and explore possible future scenarios based on a selection of thematic indicators. During the training, attendees will learn how to build a city profile using the UDP+. The two products presented at the training are developed under the frameworks of the European Commission Joint Research Centre Global Human Settlement Layer (GHSL) project and the Knowledge Centre for Territorial Policies (KCTP). The GHSL is a framework of georeferenced layers and tools that supply baseline information on human settlements and population with global coverage. It is produced elaborating historical satellite images and data from open sources. The GHSL is the core dataset supporting the voluntary commitment of the European Union, OECD, World Bank, ILO, FAO and UN-Habitat to develop a people based global definition of cities and settlements. The Knowledge Centre for Territorial Policies (KCTP) is a joint European Commission initiative on better knowledge management for sound EU policy making. To strengthen the Commission’s overall support to territorial development, the KCTP aims to be the point of reference for Commission services and Member States on territorial and regional related issues. It supports analytical and networking activities accompanied by a repository of relevant research and new initiatives to deepen knowledge and understanding.
Other Organization name