The OECD Laboratory
for Geospatial Analysis

ONLINE WORKSHOP

22 November 2022 | Virtual

OECD Laboratory for Geospatial Analysis

Online workshop

Urban Analytics in policymaking

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Agenda

14.00-14.05		**Welcome and Introduction**

Claudia Baranzelli - Policy Analyst, CFE-OECD

Dani Arribas-Bel - Professor in Geographic Data Science at the University of Liverpool and Deputy Programme Director for Urban Analytics at the Alan Turing Institute, UK

14.05-14.20		**Presentation of the workstream**

DESCRIPTION   Background and objectives of the workstream

Dani Arribas-Bel - Professor in Geographic Data Science at the University of Liverpool and Deputy Programme Director for Urban Analytics at the Alan Turing Institute, UK

14.20-15.50		**Presentations -Q&A**

Moderated by: **Nikos Patias -** Junior Policy Analyst, CFE-OECD

	TITLE	**Using Data for a Public Good**

DESCRIPTION   This presentation will highlight how new forms of data can be used in more ethical and responsible ways through the collaboration of data scientists, policy experts, data designers, and the public. This approach generates policy debates, influences civic decisions, and informs design to help ensure that the voices of people represented in the data are neither marginalized nor left unheard.

Sarah Williams - Director of the Civic Data Design Lab and Leventhal Center for Advanced Urbanism @MIT, USA

	TITLE	**From technology to policy - How to accelerate Europe's Green and Just Transition with Earth Observation Data and Services?**

DESCRIPTION   This presentation will showcase how ESA stimulates the development, deployment, and use of Earth Observation in science, industry and policy through projects including the Green Transition Information Factories (GTIF) and Destination Earth (DestinE).

Stefanie Lumnitz - EO Application Scientist, European Space Agency (ESA)

	TITLE	**Monitoring land use in cities using satellite imagery and deep learning**

DESCRIPTION   This presentation will show the results of an OECD study that employs a deep-learning model to monitor land use in OECD cities, on an internationally consistent basis.

Alexandre Banquet – Data Scientist, CFE-OECD

15.50-16.00		**Wrap-up / Close**

Dani Arribas-Bel - Professor in Geographic Data Science at the University of Liverpool and Deputy Programme Director for Urban Analytics at the Alan Turing Institute, UK

Urban analytics in policy making

■ Background

The OECD Laboratory for Geospatial Analysis (aka Geospatial Lab) is organising a workshop within the workstream on "fostering transparency and reproducibility of open data pipelines - urban analytics". The OECD Geospatial Lab is a platform that proposes to connect people from different organizations, including academia, government agencies, the private sector, and Statistical Offices to develop and disseminate policy-relevant analyses based on geospatial information as well as, more generally, the use of geospatial data for supporting policymaking.

■ The Workstream

The main aim of the workstream is to the importance of urban analytics as a new and rising discipline and build awareness of how it can inform public policy, the challenges that may arise and pathways to overcome them. Additionally, this workstream will explore and propose standards for making open (geo-) data pipelines more transparent, accessible and reproducible.

Objectives of the workstream:

1. To create a space where international best practices in the field of urban analytics can be shared.

2. To provide a forum for discussion on the key challenges that public sector organisations face in the use of new forms of geospatial data and modern computational approaches to inform their decision-making processes.

3. To investigate how urban analytics can be translated into policies.

These objectives are likely to lead to the following **outcomes**:

1. To bring together urban analytics experts from various sectors around the world and enable discussions on the challenges and opportunities of leveraging urban analytics in policy making.

2. To raise awareness among national statistical offices and practitioners about the importance of adopting strategies to create open data products through transparent and reproducible workflows that can support decision making processes.

■ This workshop

During this session, international experts will share their experiences in the processing of new forms of geospatial data in urban analytics. The objective of the workshop is to highlight the importance of creating reproducible tools and indicators in urban areas (and beyond) and how these can contribute to better decision-making.

About the OECD Laboratory for Geospatial Analysis

The OECD Laboratory for Geospatial Analysis (The Geospatial Lab) is an initiative to encourage the widespread adoption of geospatial data in shaping policies that make a difference in tackling today's place-based problems. It aims to create an international community of stakeholders from the public, private, and not-for-profit sectors, to share knowledge and co-operate in the production and use of geospatial data, all the while emphasising the policy implications of geospatial data use. The Lab is hosted by the OECD Centre for Entrepreneurship, SMEs, Regions and Cities (CFE).

For more information, visit our website: https://www.oecd.org/regional/regional-statistics/geospatial-lab.htm

CONTACT

If you are interested to learn more about the project or to get involved, please contact
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