



## CALL FOR PAPERS

### Earth Observation for sustainable cities and communities

March 30th - April 1st, 2021

<http://liege2020.earsel.org/>



Joint workshop of the:

*6th EARSeL Joint Workshop Urban Remote Sensing*

*4th joint EARSeL LULC & NASA LCLUC Workshop*

*1st EARSeL Remote Sensing For UN Sustainable Development Goals Workshop*

An event organized by  
*The European Association of Remote Sensing Laboratories*  
and the  
*Remote Sensing and Geodata Unit ISSEP (Belgium)*  
and the  
*Space Department Belgian Science Policy Office (Belgium)*

#### CALL FOR PAPERS

Papers will be presented orally and as posters. All presentations will be done on the form of pre-recorded videos. For abstract submission please visit the EARSeL Conference Administration Tool.

*Papers already accepted for the event initially foreseen in May 2020 can be adapted or removed on the EARSeL Conference Administration Tool.*

#### TOPICS COVERED BY THE WORKSHOP

- Urban RS and its relevance in planning and policy
- Multi Source Data for urban LU/LC applications
- Urban Climatology and Environmental Modelling
- Urban green and blue infrastructure identification
- Use of Copernicus data
- Remote Sensing of impervious surfaces
- Fusing optical data with thermal-IR data
- Urbanization on the account of arable lands

- RS approaches to smart city development
- Slum detection and slum development
- Cultural/natural heritage in urban context
- LIDAR & 3D modelling
- Use of deep learning
- Use of hyperspectral data
- RS and Urban Social Science Applications
- Urban Growth Monitoring in developing countries
- Using high-res commercial data in urban studies
- Urban changes impacts on environment including carbon and water cycles

#### YOUNG SCIENTIST AWARD

To stimulate participation of the new generation of researchers the EARSeL Bureau is sponsoring awards for Young Scientist best poster presentations. *More information on the WEBSITE.*

#### KEY DATES

- Abstract submission open – **15/11/2020**
- Abstract submission deadline – **15/12/2020**
- Preliminary programme – **1/02/2021**

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