



On behalf of the organizing committee it is our great pleasure to draw your attention to the **3<sup>rd</sup> International Land Use Symposium** on *Land use changes: Trends and projections*, to be held **December 4-6 2019, in Paris**.

In conjunction with ILUS, a **pre-conference workshop on Urban Sprawl** will take place at the Paris Diderot University in December 3<sup>rd</sup>, 2019. For more details, see <http://ilus2019.ioer.info/workshop/>.

The ILUS organizing committee welcomes the submission of original contributions with the goal of advancing our understanding of land use and land cover (LULC) changes. Model-driven analysis and visualization of LULC changes provide basic information for good and meaningful decisions. The demands on the quality and availability of spatial data and information services are constantly increasing, and innovative geoinformation technologies and the processing of large amounts of data (Big Data) lead to new challenges. Contributions may be theoretical, methodological, or applied in nature. Research may the following topics:

- **Land Use and Land Cover Change Observations:**

Sustainable Development Goal indicators; Multi-temporal and multi-resolution land use/land cover patterns; Measuring and modelling urban sprawl/urban growth; Urban structure type mapping; Building type recognition; Urban morphologic analysis (streets, buildings, etc.); Decision making and brownfield management; Transformation of commercial and industrial wastelands; Measuring and management of soil sealing; Urban infill and brownfields redevelopment; Environmental effects of land-use changes; Simulation and prognosis models of land use changes; Uncertainty management.

- **Metropolization: Challenges and Risks:**

Causes and mitigation of urban heat island effects; Hazard and risk modelling; Urban planning and climate change adaptation; Smart city models and energy efficiency; Urban energy transition; Land use and transport management; Measuring socio-spatial inequalities; Assessment and strategies to reduce light pollution; Benefits of green and blue infrastructures; Urban metabolism; Trajectories of cities; Cities as complex systems.

- **Drivers, Mechanisms, Tools:**

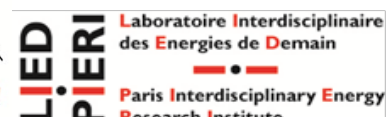
Political, legal, social, economic and planning aspects of land use and land cover changes. Monitoring and Evaluation of land use and land cover changes; Mobile App Development; Citizen Knowledge, Citizen Science; VGI and participation tools in spatial and urban planning.

- **Varia:**

This topic contains free contributions whose topical focus is indirectly related. Abstracts of no more than 500 words should be submitted directly at this address: <http://ilus2019.ioer.info/call-for-abstracts/>



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Accepted abstracts will be presented as oral presentations and be published in the digital conference proceedings. Selected post-conference full papers will be eligible for submission to selected special issues (to be announced soon).

We also want to emphasize the possibility of poster presentations. Please notify in the abstract, if you prefer this option.

The deadline for submitting abstracts: **March 29, 2019.**

Notification of acceptance: **May 17, 2019.**

**Any questions regarding the submission and publication process should be addressed to**  
[ilus2019universitedeparis@mail.ioer.de](mailto:ilus2019universitedeparis@mail.ioer.de)

### Scientific Committee

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