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Smart Regions - Opportunities for Sustainable Development in the Digital Era

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AMSR — Association Marocaine Sciences Regionales

RSAI — THE REGIONAL SCIENCE ASSOCIATION INTERNATIONAL

Special Session (SS17) on:

Data science, machine learning and big data for regional Sciences

Organizers:

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The aim and scope:

In this Digital Era, there is an increasing need for high quality research with innovative methods practically for all research domain and discipline. In Regional Science, the challenges imposed by the huge amount of collected data according to different methodologies, from different sources, by different tools and analyzed through well-defined statistical methods or according to evidence-based approaches lead to breakthrough methodologies for dealing with such Data. Traditional methods need then to be redesigned to reflect the changing complexity of data structures, analysis and presentation. Data science, as an interdisciplinary field, bring innovative methods, processes, algorithms and systems to harvest and extract knowledge from huge and big data using machine-learning techniques. Such techniques would be more than ever unavoidable in regional sciences researches.

In this technical session, experts will share recent advances, latest solutions and research developments mainly practical aspects of data analytics.

SUBMIT AN ABSTRACT