DIPARTIMENTO
DI SCIENZE STATISTICHE

SAPIENZA
UNIVERSITÀ DI ROMA

**Department of Statistical Sciences
Sapienza University of Rome,
via Regina Elena 295, Aula Magna**

Workshop

October 13, 2017   **via Regina Elena 295, Aula Magna**   **9:15 – 13:30**

Selection and Synthesis of Indicators for Sustainable Development Goals: Methodologies and Applications

As compacted by a firing glass, Indicators for Sustainable Development contain the main topics of the statistics of our time. Design, use of new data sources, aggregation and other methodological questions must be answered as well as those of participation, communication and informational governance.
For statistics, this is a unique opportunity, coupled with the responsibility to gain the confidence of citizens in these facts.
The workshop will focus on sophisticated statistical methods for the reduction of complexity.

PROGRAM

9:15 – 9:30	Opening: Director DSS Maurizio Vichi, Deputy-Rector Tiziana Pascucci	
9:30 – 10:00	Walter J. Radermacher (Sapienza University of Rome)	*Reduction of complexity by means of Indicators for Sustainable Development*
10:00 – 10:30	Carlo Cavicchia, Maurizio Vichi (Sapienza University of Rome)	*Model-Based Synthesis for SDGs Indicators*
10:30 – 11:00	Filomena Maggino (Sapienza University of Rome)	*Synthesis of indicators: conceptual and methodological issues*
Coffee-break		
11:15 – 11:45	Michaela Saisana (Joint Research Centre – European Commission)	*Making the Most of Indicator Frameworks: Heatmaps and Ordering Algorithms*
11:45 – 12:15	Marco Fattore (University of Milano-Bicocca)	*Synthetic indicators without numbers: the grammar and the power of ordinal data*
12:15 – 12:45	Enrico Di Bella (University of Genoa)	*Between complexity and communication in a posetic framework: the role of Partial Order Scalogram Analysis with base Coordinates (POSAC)*
12:45 – 13:15	Enrico Giovannini (University of Rome TorVergata – Italian Alliance for Sustainable Development)	*Concluding remarks*
13:15 – 13:30	Discussion and conclusion	

Organizers: Filomena Maggino   filomena.maggino@uniroma1.it
                Walter Radermacher   walterjosef.radermacher@uniroma1.it
                Maurizio Vichi   maurizio.vichi@uniroma1.it

Due to the limited number of seats in the room, we kindly ask to confirm your participation