

Call for Invited Abstracts
Stream “Methodology of Societal Complexity”
27th Euro Conference Glasgow UK 12-15 July 2015

The *International Research Society on Methodology of Societal Complexity* and the *EURO Working Group on Methodology of Societal Complexity* organizes the Stream “*Methodology of Societal Complexity*” with the following Sessions:

- Session I: “Societal Complexity and Economy”
- Session II: “Societal Complexity and Sustainable Development”
- Session III: “Societal Complexity and Healthcare”
- Session IV: “Societal Complexity and Internet Privacy”

Please submit your abstract of not more than 600 characters (incl. blanks; please no mathematical symbols) through the “Abstract Submission” system at the conference homepage Please refer to the *Session (Invitation) Code* of the Session of your choice.

The stream “*Methodology of Societal Complexity*” is a part of the

Area OR in Health, Life Sciences & Sports

The paper presenters are invited to submit after the conference their paper for publication in one of our journals

Important dates:

Abstract submissions opens:	1 November 2014
Abstract submissions closes:	31 January 2015
Early Registration:	1 November 2014 - 28 February 2015
Regular Registration:	1 March - 30 April 2015
Late and on-site registration:	1 May - 13 July 2015
Euro Conference:	12-15 July 2015.

Associated partner event:

“*State of the Art and next Questions*” in cooperation with
EURO MSC / EURO MCDA / EUROPT / EURO ORD / OR and Ethics”
at the morning of Sunday, 12 July 2015

send abstract to: Prof. Dr. Dorien DeTombe

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Methodology of Societal Complexity

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www.complexitycourse.org/doriendetombe.html

<http://www.complexitycourse.org/EuroMSC.html>

Book Handling Societal Complexity DeTombe 2014

<http://www.complexitycourse.org/HandlingSocietalComplexityDeTombe4.pdf>

We welcome contributions on Methodology of Societal Complexity

[The subject of Methodology of Societal Complexity](#)

Methodology of Societal Complexity focuses on methods and tools for handling complex societal problems. Handling means analyzing, structuring, guiding and evaluating complex societal problems.

Complex societal problems are often policy problems that can occur in many fields, like in the Agro-industry (Mad-Cow disease, BSE; Foot- and Mouth disease; Fowl Plague, birds flu), in the transportation sector, in healthcare (Malaria, HIV/AIDS, Sars, Flu), in Water affairs and Global Safety. It focuses also on handling local safety problems like large city issues and natural disasters as flood and hurricanes as well as global safety problems like war, terrorism. Although many of these issues have a different cause, they have so much in common that they can be approached in the same way.

Complex societal problems as such, are unstructured, dynamical and constantly changing and have a large impact on society on macro, meso and on micro level. Handling complex societal problems needs a special interdisciplinary approach. The content knowledge comes from content experts. The process knowledge comes from facilitators. The attention of the research group is on the methods and tools facilitators need for supporting these kinds of problems. The facilitators use methods specially created for the field of societal problems combined with methods and insights derived from their original field like medicine, law, economics, societal sciences, methodology, mathematics, computer sciences, technology, engineering sciences, chaos theory and operational research. Often a combination of methods is needed. In this way the field uses all kind of methods from social sciences and operational research. An often-used approach is simulation. A simulation model is one of the powerful tools to describe societal complexity. With simulation models one cannot only understand the causal relations between the phenomena but also see what effect changes have.

Keywords: Methodology, Decision, Simulation, Societal Complexity, Healthcare, Economy, Sustainable Development, Internet Privacy