



Project Number: 2020-1-SE01-KA203-077872

## How can we understand sustainability with the help of systems thinking?

Södertörn University, Stockholm, Sweden

8 June 2023 13.00 – 17.00

### Programme

13:00	Introduction and general overview of the joint curriculum for a master program on <i>Complex Systems Thinking for Sustainability</i> within the EU-funded project COSY Thinking, overview of courses about system thinking and sustainability, Tomas Kjellqvist, Södertörn University, Sweden
13:15	Description of the course <i>Principles of sustainable development</i> in the master program Irene Biancani, Technological University of the Shannon, Ireland
13:25	Description of the courses: <i>Nonlinear dynamical models</i> and <i>Artificial intelligence and decision making</i> in the master program Dalia Čalnerytė, Kaunas University, Lithuania
13:35	Description of the course <i>Investigation into Complex Systems</i> in the master program Pier Luigi Gentili, University of Perugia, Italy
13:45	Description of the course <i>Designing Sustainability transition</i> in the master program Martin Jonsson, Södertörn University, Sweden
14.00	Panel discussion moderated by Tomas Kjellqvist. Södertörn University, Sweden. The panel discussion was around three questions:  Why do we need to create learning experiences on complex systems thinking?  What do students and lifelong learners need to learn about complex systems thinking for sustainability?  How can students learn complex systems thinking for sustainability?  All speakers
14.30	Workshop in groups working with methods for systems mapping. The subject for the workshop was food waste were sustainability matters and mapping of various factors and relations that have an impact on the current situation and look for opportunities for change  Mingle with snacks  Workshop facilitator Martin Jonsson, Södertörn University, Sweden with all participants
16.30	Presentation of the results of the workshop by each group and discussions  Mingle with snacks  Workshop facilitator Martin Jonsson, Södertörn University, Sweden with all participants



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