

HS5.3.1 – Water resources policy and management - managing trade-offs at the nexus between water, food and energy
Tuesday 5 May

Number	Presenter	Title/Topic
1	Lotte de Vos	The water-food-energy-land nexus: Hotspots and scenario-dependency of competition for water between energy, food and nature
2	Joreen Merks	Climate change impacts on the water, energy, and food nexus: a global quantitative assessment
3	Erica Ferraz de Campos	Solar Energy and the Water, Energy and Food Nexus: Petrolina-Juazeiro Case Study, Brazil
4	Floor Brouwer	Serious Games to improve decision-making on the water-land-energy-food-climate nexus
5	David Haro-Monteagudo	Can on-farm irrigation reservoirs enhance long-term sustainability of large irrigated systems? The case of Riegos del Alto Aragón (Spain)
6	Thomas Kelly	Effect of soil moisture uncertainty on irrigation water use and farm profits
7	Janez Sušnik	Integrated system dynamics modelling of the water-energy-food land-climate nexus in Latvia: exploring the impact of policy measures in a nexus-wide context
8	Beyza Özel	Evaluation of effectiveness of the water management strategies with the focus on agricultural water use: A case study on Upper- Sakarya River Basin in Turkey
9	Lívia Rosalem	Trade-offs, synergies and economic relationships among ecosystem services
10	Davide Danilo Chiarelli	SUSFEED - Sustainable feed design applying circular economy principles: the case former food in pig nutrition
11	Richard Rushforth	Mapping the U.S. Food-Energy-Water Nexus at the Mesocale: the FEW-View Visualization System
12	Alvar Escriva-Bou	Robust Decision-Making for Groundwater Sustainability: Exploring Trade-Offs between Agricultural Production, Water Security, Energy Use and Sustainability