

# E<sup>3</sup>S Extreme Events and Environments: from Climate to Society cross community workshop

## February 14<sup>th</sup> to 16<sup>th</sup> 2016

### agenda (version February 8<sup>th</sup> 2016)

<u>E<sup>3</sup>S cross-community meeting day 1</u>		Sunday, 14.02.2016
11:30 - 12:30	Arrival, registration, short welcome (plenary)	plenary
12:30 – 13:30	<i>lunch</i>	
13:30 – 14:00	Briefing and discussion about workshop topic, goals and early-career scientists involvement in session (protocol, summary etc.) and post-workshop publication	plenary
14:00 – 15:00	Within session discussion (workshop goals, methods etc.)	parallel sessions
15:00 – 16:30	Early career scientist's short presentations (cross-community topics in context of E <sup>3</sup> S) – of session 1 and 2	plenary
16:30 – 17:00	<i>Coffee break</i>	
17:00 – 19:00	Early career scientist's short presentations (cross-community topics in context of E <sup>3</sup> S) - of session 3 to 6	plenary
19:00 – 19:15	Closing	plenary
starting 19:30	<i>E<sup>3</sup>S working Dinner</i> <i>for exchange session chairs and workshop participants</i>	Planck-Lobby
<u>E<sup>3</sup>S cross-community meeting day 2</u>		Monday, 15.02.2016
9:00-9:30	Welcome & introduction; Briefing about sessions, expected outcome (1-2 page research strategy, foundation document for call for proposals preparation by funding organizations on Future Earth related research) and post-workshop publication	plenary
9:30 – 11:00	Independent parallel sessions: → identification and elaboration of scientific questions and associate research agenda under the respective E <sup>3</sup> S umbrella themes	parallel sessions
	1 Towards impact-relevant climate extremes metrics <i>Sillmann (CICERO), Sippel (MPI-BGC)</i>	
	2 How to project climate extremes that really matter? A transdisciplinary approach for new narratives of climate extreme impacts in the future earth context <i>Zscheischler (ETH Zurich), Schleussner (Climate Analytics)</i>	
	3 Adaptive capacity of coupled socio-ecological systems to absorb climate extremes <i>Thonicke (PIK), Bahn (University Innsbruck)</i>	
	4 Integrated Governance of Disaster Risk and Financial Uncertainties for Sustainable Development <i>Ye (Beijing Normal University)</i>	
	5 Impact of hydrological and marine extreme events on coastal ecosystems and infrastructures. Adaptation strategies and community resilience <i>Gomis (IMEDA), Monprapussorn (Srinakharinwirot University)</i>	
	6 Detecting, understanding and reacting to extreme environmental events: integrating the potential of societal data, citizen science, Earth observation, and novel data analytic approaches <i>Mahecha (MPI-BGC); Gessner (DLR), Otto (PIK)</i>	
11:00 – 11:30	<i>Coffee break</i>	

11:30 – 12:30	E <sup>3</sup> S cross-community meeting Cross-cutting discussion (amongst session topics /workshops)	plenary
12:30 – 13:30	<i>lunch</i>	
13:30 – 16:00	Independent parallel sessions N°1-6 → identification and elaboration of scientific questions and associate research agenda under the respective E <sup>3</sup> S umbrella themes → preparation summary and draft 1-2 page strategic science plan to be used for funding organizations to prepare call for proposals for Future Earth related research	parallel sessions
16:00 – 16:30	<i>Coffee break</i>	
16:30 - 17:30	Independent parallel sessions N°1-6 → preparation of session summary (incl. early career scientists) and draft 1-2 page strategic science plan to be used for funding organizations to prepare call for proposals for Future Earth related research; discussion and feedback	parallel sessions
17:30 – 19:00	E <sup>3</sup> S cross-community meeting Presentation and discussion session summaries	plenary
starting 19.30	<i>E<sup>3</sup>S Conference Dinner</i>	Planck-Lobby
20:30 - 21:00	Invited scientific dinner speech: Prof. Dr.-Ing. Jörn Birkmann (University of Stuttgart) „ <b>Measuring core determinants of risks due to extreme events and human vulnerability in order to promote resilience building</b> “	
21:00-22:30	Bilateral scientific exchange on E3S topics	

E<sup>3</sup>S cross-community meeting day 3

Tuesday, 16.02.2016

8:30 – 10:00	(within sessions) Preparation of science plans	parallel sessions
10:00 – 10:30	<i>Coffee break</i>	
10:30 – 12:00	Invited talks by Dr. Thorsten Kiefer ( <i>Future Earth Global Hub Director, Paris</i> ) " <b>How to spin up research activity on sustainability issues in Future Earth?</b> " Prof. Dr. Dirk Brockmann (Institute for Theoretical Biology, Humboldt University Berlin; Project Group <i>Epidemiological Modeling of Infectious diseases</i> , Robert Koch-Institute, Berlin) " <b>The hidden geometry of global, network-driven contagion phenomena</b> " Dr. Björn Vollan ( <i>Robert Bosch Junior Professor for Sustainable Use of Natural Resources, Philipps-Universität Marburg</i> ) " <b>The shadow of the past and the shadow of the future: Studying the impact of climate change on human behavior</b> " Dr. Paul Vossen ( <i>EC Research &amp; Innovation Directorate General, Liaison officer for the Belmont Forum chairmanship</i> ) " <b>How to leverage Horizon 2020, Future Earth and the Belmont Forum for ST&amp;I Actions targeting sustainable development ?</b> "	plenary
12:00 – 13:00	<i>lunch</i>	
13:00 – 15:00	Presentation science plans (15 min presentation + 5 minutes discussion per session)	plenary
15:00 – 15:45	Feedback round / panel discussion [Dr. Thorsten Kiefer, Dr. Paul Vossen, Dr. Juliane Mossinger, Prof. Dr. Markus Reichstein; Dr. Faust; moderation: Dr. Tanja Suni]	plenary
15:45– 16:00	Closing by E <sup>3</sup> S coordination	plenary
16:00 – 16:45	<i>Adjourn / Coffee break</i>	
16.15 - 16:45	Sessions leaders internal meeting ( <i>with coffee available</i> )	
16:45 – 18:30	E <sup>3</sup> S / Future Earth internal discussion	