



CLIMATE-RELATED RISKS AND EXTREME EVENTS



19th November 2020
from 9.00 a.m. CET



ONLINE. Link:

[https://politecnicomilano.webex.com/politecnicomilano-j.php?MTID=meff2953c2faa6a49f923fb2d9e666aac](https://politecnicomilano.webex.com/j.php?MTID=meff2953c2faa6a49f923fb2d9e666aac)

SCHEDULE

9.00	Initial greetings
9.15 – 10.00	Climate change impacts on hydrological extremes: the design parameters of hydraulic works for flood risk mitigation Amir AghaKouchak – University of California Irvine
10.00 – 10.45	Tipping positive change to avoid climate tipping points Timothy Lenton – University of Exeter
10.45 – 11.00	Compound extremes, dependence, and future scenarios Carlo De Michele – Politecnico di Milano
11.00 – 11.15	Carbon dioxide removal to reduce climate change risks Stefano Caserini – Politecnico di Milano
11.15 – 11.30	<i>Discussion</i>
11.30 – 11.45	<i>Virtual Break</i>
11.45 – 12.00	Flood risk mitigation between structural and non-structural works: the role of flood warning system Marco Mancini – Politecnico di Milano
12.00 – 12.15	Continuous water vapour monitoring for heavy rain predictions Agostino N. Meroni – Politecnico di Milano
12.15 – 12.30	Groundwater modelling of Milano Functional Urban Area for prediction of groundwater levels under climate change scenarios Luca Alberti – Politecnico di Milano
12.30 – 12.45	The response of the Bonis Catchment in Calabria, Southern Italy, to different management options under climate change scenarios Giovanni Ravazzani – Politecnico di Milano
12.45 – 13.00	Flood Risk Mapping Alessio Radice – Politecnico di Milano
13.00 – 13.15	Effects of climate change on life-cycle performance, safety, reliability, and risk of structures and infrastructure systems Fabio Biondini – Politecnico di Milano
13.15 – 13.30	<i>Final Discussion</i>