

Teaching Climate Change and Civil Infrastructure Workshop Tue June 30th and Wed July 1st

Agenda and link to zoom

Sponsored by ICNet Global

AGENDA - Day 1

Tuesday June 30th 10:00 -12:00 Eastern Time (USA)

10-minute Introduction - Jennifer Jacobs, University of New Hampshire, USA

Presentation session on content

- Shane Underwood, North Carolina State University, USA: ***Teaching the Use/Limitations of Climate Models in Transportation Related Graduate Course***
- Rasmus Benestad, The Norwegian Meteorological Institute, Norway: ***A simple formulae for estimating the probability of heavy rainfall***
- Kenneth Kunkel, North Carolina State University, USA: ***It's All About Water (Vapor)***
- Costa Samaras, Carnegie Mellon University, USA: ***Teaching Climate Change Adaptation To Graduate Students in Civil and Environmental Engineering***

10-minute Questions/Answers, Focused on Content

Presentation session on delivery

- Emilio Bastidas-Arteaga, Université de Nantes, France: ***Climate Adaptation Engineering for Decision Making under un Changing Climate***
- Gordon Airey, University of Nottingham, UK: ***Possible barriers as well as opportunities to incorporate climate change into Civil Engineering Educational Programmes in the UK***
- David Dawson, University of Leeds, UK: ***Connecting Engineering and the Environment: urban flood risk management***

10-minute Questions/Answers, Focused on Delivery

10-minute summary

20-minute discussion on Way Forward

Adjourn

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AGENDA – Day 2

Wednesday July 1st 18:00 - 20:00 Eastern Time (USA)

10-minute Introduction - Jennifer Jacobs, University of New Hampshire, USA

Presentation session on delivery

- Donald Coffelt, Carnegie Mellon University, USA: ***Open access book, Fundamentals of Infrastructure Management: Systems of systems thinking and infrastructure systems inter dependency***
- Thanasis Sfetsos, NCSR Demokritos, Hellenic Republic: ***Can co-design support training activities for climate resilient infrastructures***
- Leah Dundon, Vanderbilt University, USA: ***An interdisciplinary approach to climate change education: making infrastructure exciting***

10-minute Questions/Answers, Focused on Delivery

Presentation session on content

- Anne Stoner, Texas Tech University, USA: ***Quantifying Climate Impacts by Global Mean Temperature Increase***
- Paul Kirshen, University of Massachusetts, Boston, USA: ***Teaching Adaptation of Urban Infrastructure to Climate Change***
- Kyle Kwiatkowski, University of New Hampshire, USA: ***Climate change mitigation work in Sustainable Engineering and climate change impacts/adaptation/resilience in Infrastructure and Community Resilience course***

10-minute Questions/Answers, Focused on Content

10-minute summary

20-minute discussion on Way Forward

Adjourn

