

COLLEGE OF ENGINEERING WEBINAR SERIES

ON CLIMATE, EXTREME WEATHER AND IMPACTS ON INFRASTRUCTURE AND SOCIETY

- Are you concerned about the impacts of climate change and extreme weather?
- Do you want to know more about what the current science has to say about the changing climate and its effects on infrastructure, mitigation and adaptation to a warming planet?

The College of Engineering in partnership with CGRER and the CASE colloquium series presents a series of 4 webinars by world-renowned scientists who will explain the latest scientific findings, discuss measures to mitigate the impacts of climate change, adaptation to the effects on extreme weather, and natural systems, and ideas on engineering infrastructure for resilience in the face of change.

The first webinar will be presented by two leading researchers on climate and environment from the college of engineering at U Iowa, Prof. Greg Carmichael and Prof. Jerry Schnoor. The topic for the first webinar is:

"Climate science report AR6: what the IPCC's latest climate report says about the changing climate, extreme weather and impacts on natural and engineered systems"

VENUE: <https://uiowa.zoom.us/j/97134930949>

DAY: Thursday, September 23rd

TIME: 5:00-6:00 PM



Professor Greg Carmichael

Gregory Carmichael has a BS, MS, and PhD in chemical engineering and has done extensive research related to air quality and its environmental impacts.

He is currently the Karl Kammermeyer Professor of Chemical and Biochemical Engineering at the University of Iowa and Co-director of the Center for Global and Regional Environmental Research.

He is a fellow of the American Geophysical Union and the American Institute of Chemical Engineering. He is chair of the Environmental Pollution and Atmospheric Chemistry Scientific Steering Committee of the UN World Meteorological Organization.



Professor Jerry Schnoor

Jerald Schnoor is the Allen S. Henry Chair in Engineering, Professor of Civil and Environmental Engineering, and Co-director of the Center for Global & Regional Environmental Research.

Schnoor's research interests include phytoremediation, groundwater and hazardous wastes, and sustainability with special fields of knowledge in water quality modeling, aquatic chemistry, and climate change.

Dr. Schnoor is a registered Professional Engineer and a member of the National Academy of Engineering.