WEATHERING CHANGE:
Local Solutions for Strong Communities
2020-21 Webinar Series

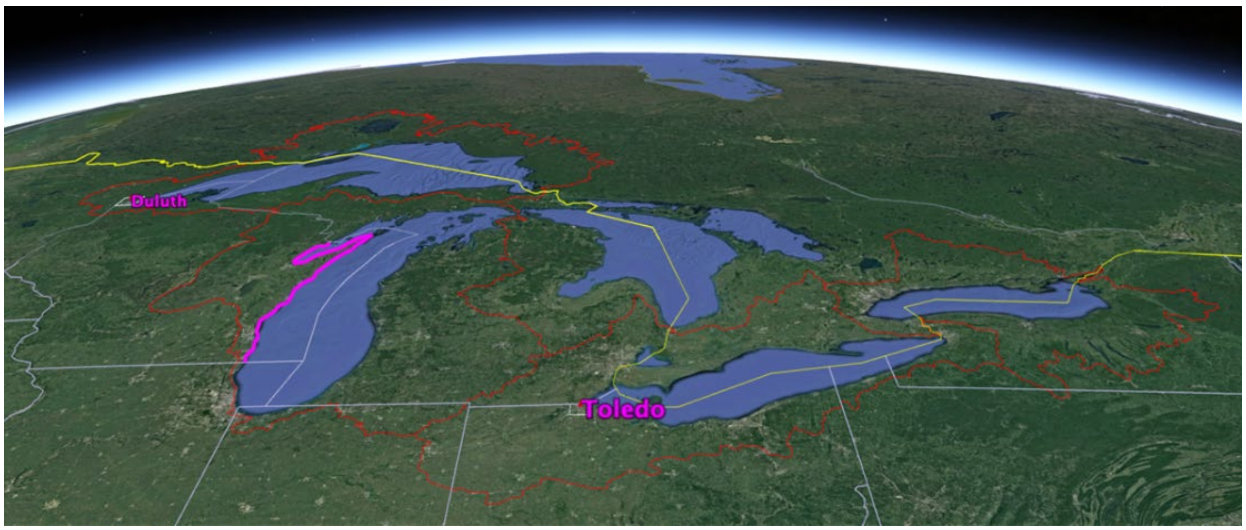
Opportunities and Challenges for Addressing Flooding and Stormwater Management: Lessons and Tools from the Great Lakes.

Thursday, August 13, 2020 - 12:00 - 1:15 PM ET

REGISTER FOR THIS WEBINAR

Join Antioch University New England, NOAA, and the U.S. Climate Resilience Toolkit for an exploration of some of the opportunities and challenges for addressing flooding and stormwater management in communities surrounding the Great Lakes. Brandon Krumwiede (NOAA OCM) will present NOAA's Lake Level Viewer, which combines near-shore bathymetry and real-time observations of water levels throughout the Great Lakes. Adam Bechle (Wisconsin Sea Grant) will describe vulnerability of Wisconsin coastal communities to variability of Lake Michigan water elevation. Joe Chapman (AECOM) will describe watershed modeling studies in two basins that are tributary to Toledo, Ohio and Duluth, Minnesota, shedding light on heavy precipitation and flood potential there.

Presenters:
Brandon Krumwiede, NOAA OCM
Great Lakes Water Levels and Coastal Impacts
Adam Bechle, Wisconsin Sea Grant
Vulnerability to Heightened Lake Levels in Green Bay
Joe Chapman, PE, CFM Vice President, AECOM
Modeling Extreme Precipitation in Urban Watersheds of the Great Lakes Region



WEATHERING CHANGE: Local Solutions for Strong Communities is a webinar series presented by Antioch University New England, in partnership with the U.S. National Oceanic and Atmospheric Administration (NOAA).

For more information, or to view recordings of past webinars. visit our website: **www.communityresilience-center.org**

Want to learn more about the science of our changing climate?

Register for our next 4-week online course:
Climate Change: The Science, Uncertainty, and Risk

August 30 to September 26, 2020

Registration Deadline: August 25, 2020
Instructor: Christa Daniels

Human activity has exacerbated the shift in global climate and is resulting in impacts to natural systems and human-built infrastructure, which will influence future economic development and business decision-making. In the Fifth Assessment Report, the IPCC concluded: "Human influence on the climate system is clear, and recent anthropogenic emissions of greenhouse gases are the highest in history. Recent climate changes have had widespread impacts on human and natural systems" (IPCC, 2014a).

This module consists of foundational knowledge in the science of our changing climate, understanding the boundaries of "uncertainty" in future projections being posited by the scientific community, how to translate the "risk" being faced by a

community, business, or sector, and finally, the different concepts of climate resilience and how they manifest as solutions.

This series is designed to enable you to develop competency in a myriad of climate resilience fundamentals, including a basic understanding of the scientific consensus supporting human-induced climate change and the various definitions of climate resilience manifested in practice.

Visit our website for more information about this course and the Climate Resilience Certificate

Register for the Climate Change: The Science, Uncertainty, and Risk online course

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