THE COLLEGE OF ARTS AND SCIENCES DEAN'S SEMINAR SERIES

IMPACTS OF:

Sea Level Rise on Coastal Wetlands in the U.S. Northeast

Wednesday, January 13, 2016
3:30 p.m. to 5:00 p.m.

Disque Hall, Room 109
(32nd and Chestnut)

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Earth and Environmental Science

Worldwide, coastal wetlands are recognized as a transition zone critical for buffering the coast from the effects of climate change; they are also one of the habitats most vulnerable to the effects of accelerated sea level rise. Recent research has shown that coastal wetlands in the U.S. Northeast are disappearing at an alarming rate. Largely, these wetlands are not being lost to coastal development, but to fragmentation and drowning, like wetlands in the Mississippi Delta region. This presentation will discuss processes and rates of coastal marsh drowning in the Northeast, review evidence that accelerated sea level rise is chiefly to blame, and describe the new paradigm emerging in coastal wetland conservation in response to sea level rise.

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This event is free and open to the Drexel community. Light refreshments will be served. For more information, please contact Diane Ketler, dk882@drexel.edu