



Humanities Institute at Stony Brook

p r e s e n t s

Friday, April 4, 2014

1:00 p.m.

Humanities 1006

Reception to follow

# Mark Monmonier

## Coastal Cartography's Four Shorelines: From Christopher Columbus to Hurricane Sandy

The history of coastal cartography chronicles the emergence of four distinct representations of the land-water boundary, all of which have multiple definitions and multiple applications. Efforts to map storm surge and sea level rise exemplify the emergence of time as a cartographic frontier in the nineteenth and twentieth centuries as well as a heavy dependence on numerical modeling and an evolving scientific understanding of physical processes.

**Mark Monmonier** is Distinguished Professor of Geography at Syracuse University. He is the author of 18 books, including *How to Lie with Maps*; *Air Apparent: How Meteorologists Learned to Map, Predict, and Dramatize Weather*; *Rhumb Lines and Map Wars: A Social History of the Mercator Projection*; *No Dig, No Fly, No Go: How Maps Restrict and Control*; and *Lake Effect: Tales of Large Lakes, Arctic Winds, and Recurrent Snows*. An early invention now known as the Monmonier Algorithm is an important research tool for geographic studies in linguistics and genetics. Monmonier was awarded the American Geographical Society's O. M. Miller Medal in 2001, the Pennsylvania State University's Charles L. Hosler Alumni Scholar Medal in 2007, and the German Cartographic Society's Mercator Medal in 2009.

