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UNIVERSITY OF CONNECTICUT

Department of Marine Sciences
Presents a Seminar By

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Geoengineering 101

A great deal of time and money has been spent on the science of how the climate is going to change in the next 10, 50 and 100 years. The question of how humanity could or should respond to this problem beyond emissions reduction has, until recently, received less attention. However, the concept of geoengineering - actively managing the climate at a global scale - has begun to once again gain traction after decades of relative obscurity. This seminar will provide an introduction to the main concepts of geoengineering, with a focus on the practical challenges of developing, deploying and sustaining a variety of different approaches. Both carbon dioxide removal (CDR) and solar radiation management (SRM) will be addressed, with marine, surface and atmospheric strategies compared side by side. Finally, an in-depth analysis of one technique, stratospheric sulfate aerosol injection, will be used to demonstrate some of the risks and tradeoffs associated with any form of large-scale climate intervention.

Host: Frank Bohlen

Time & Date: 11:00 am, Friday, February 26, 2016

Place: Marine Sciences Building, Seminar Room 103

Please see this [page](#) for cancelations and additional seminar information, email marinesciences@uconn.edu, or call 860-405-9152 or 860-405-9151