

# COLUMBIA UNIVERSITY

IN THE CITY OF NEW YORK

HENRY KRUMBSCHOOL OF MINES  
DEPARTMENT OF EARTH AND ENVIRONMENTAL ENGINEERING

## Earth and Environmental Engineering Colloquium – Fall 2017

Thursday, 11:40–12:55am

Venue: TBD

### SCHEDULE

Date		Speaker	Title	Host
Sept. 14	Thur	Amanda S Bielskas Head of Collection Development for Science & Engineering Libraries	Library Resources	
		Janice Clarke Research Safety Specialist Environmental Health & Safety	Safety	
Sept. 21	Thur	Dr. Kim Novick Indiana University Bloomington	Tree Response to Drought in the Wetter Half of the United States	Gentine
Sept. 28	Thur	Dr. Gert-Jan Gruter Chief Technology Officer, Avantium	The Opportunity of Sustainable Materials	Farrauto
Oct. 5	Thur	Dr. Sue Ellen Haupt National Center Atmospheric Research	Big Data Applications of Weather Forecasting: Modeling for Renewable Energy and Surface Transportation	Fthenakis
Oct. 12	Thur	Dr. Arup K. Sengupta Lehigh University	Global Applications of Hybrid Ion Exchange Nanotechnology (HIX-Nano) from Decontamination to Desalination: Gradual Progression of Academic Research	Yip
Oct. 27*	Fri	Dr. Pierre Gentine Earth and Environmental Engineering, Columbia University	Impact from rising CO <sub>2</sub> on the hydrological cycle	
Nov. 2	Thur	Dr. Ralph Basilio NASA	NASA space and airborne remote sensing for Earth science research, data applications, and informed decision-making	Gentine
Nov. 9	Thur	Dr. Prabhakar Clement Auburn University	Impacts of BP oil spill on Alabama's beaches – an analysis of knowns and unknowns	Chandran

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<b>Date</b>		<b>Speaker</b>	<b>Title</b>	<b>Host</b>
Nov. 16	Thur	Dr. Woo-Jae Kim Gachon University in Korea	Tailoring Carbon Nanomaterials' Electronic Structure for Future Energy Applications	Park
Dec. 7	Thur	Dr. Rustom Billimoria ExxonMobil	T.B.A.	Park

\* *Venue and time to be announced.*