



## BREN SEMINAR

## CITY FUTURES FOR A POST CARBON AGE



## STEPHANIE PIN CETL

Professor in Residence

Director, California Center for Sustainable Communities  
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Monday, April 30, 2018 11:00 – 12:00

Bren Hall 1414

Watch live at <https://ucsb.zoom.us/j/218783666>

**“Dr. Pincetl is an inspirational model for what it means to be a true interdisciplinary environmental scientist. Her work surrounding environmental policy and governance and how they come together with institutions, natural resources, and humans means there is truly something for everyone in this talk.”**

— Elizabeth Hiroyasu, Bren School PhD Candidate

**ABSTRACT** With the urgent need to dramatically shrink human use of fossil carbon fuels, the role of cities has become central. Human populations are projected to become 60% urban this century, an unprecedented change for humanity. For a city of 10 million people, over 6,000 tons of food has to be imported every day, traveling an average of 1,000 miles. Material flows to support mega cities are poorly quantified, but vast. How will cities in the Anthropocene evolve? Can we supply large cities with what they need in a fossil carbon restricted world? This conceptual talk proposes that cities may be far more constrained in determining their future than is hoped for, and that to develop strategies for a post-fossil carbon world, the commonly accepted future of urbanization needs to be questioned and examined.

**BIO** Dr. Pincetl conducts research on environmental policies and governance and analyzes how institutional rules construct how natural resources and energy are used to support human activities. Currently her research group is working on water, energy and urban ecology, including water resources for Los Angeles County. She is expert in bringing together interdisciplinary teams of researchers across the biophysical and engineering sciences with the social sciences to address problems of complex urban systems and environmental management.

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