

Colorado

CAFÉ SCIENTIFIQUE

Tuesday 15 November 2011

at the Wynkoop Brewing Company

<http://www.wynkoop.com/>

Corner of 18th and Wynkoop in LoDo, Denver

About a block from Light Rail. Thirteen minutes by foot from Auraria.

Ecological Forecasting: How NEON will change the landscape

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The National Ecological Observatory Network (NEON) is a bold effort to build on recent progress in many fields to open new horizons in the science of large-scale ecology. Its mission is to enable understanding and forecasting of the impacts of climate change, land-use change, and invasive species on continental-scale ecology—by providing infrastructure and consistent methodologies to support research and education in these areas. NEON science focuses explicitly on questions that relate to grand challenges in environmental science, are relevant to large regions, and cannot be addressed with traditional ecological approaches. The US will be divided into 20 domains, each with a core observatory and mobile subdomain observatories. NEON is unique in that it observes both a suite of key causes of environmental change (climate, land use, invasions) and a wide range of consequences, over a period of decades. The total projected cost is over \$400 million.

EVERYONE IS WELCOME. The discussion starts at 6:30 in the Mercantile Room (no food service there). Come before 6 PM to leave yourself time to get something to eat, or stay and eat afterwards. We end around 8 PM.

There's no charge. The Wynkoop is generously providing the facility; we buy our own drinks. It is first come, first seated, and **seating is limited** so that everyone can take part in the discussion.

The Colorado Café Scientifique is organized by an informal group of faculty from CU and institutions up and down the Front Range, as well as science fans from industry, government and elsewhere. We welcome your input, including ideas for speakers and topics. Bring them with you to the next Café, or e-mail them and any questions to John.Cohen@UCDenver.edu

**Essential information about the topic and the event on our Web site at:
<http://CafeSciColorado.org>**