



**Sustainability Education**  
University of Colorado at Boulder

# Energy Science

## New Online Course: Energy Science and Technology Instructor Paul Komor, Fall 2008

Are we really running out of oil?

What are the risks and benefits of nuclear power?

Can solar and wind provide the electricity we need?

What's a "negawatt"?

Can technology solve the climate problem?

These and other energy-related questions will be covered in a new online course: Energy Science and Technology taught by **CU Boulder Environmental Studies instructor Paul Komor.**

This course will teach you what you need to know about energy. We'll start with energy concepts such as power, resources, and carriers, and then move on to a closer look at how we produce, transform, and consume energy in the U.S. We'll explore how energy use contributes to environmental challenges, notably climate change. And we'll assess alternatives, including renewables and energy efficiency, to better understand their potentials and limitations.

No technical background is required. There are no prerequisites, however basic algebra skills are necessary.

Paul's credentials include a Ph.D. in Engineering from Stanford University, writing energy legislation as a member of the U.S. Congress' Staff, teaching at Princeton and Stanford, sharing in the 2007 Nobel Peace Prize as part of the IPCC, and researching and writing on a range of energy issues.

### **ENVS 4100-581**

*Online only, 9/2 - 12/12*  
*CU Credit, \$798*

### **NCSP 5100-581**

*Online only, 9/2 - 12/12*  
*Non-Credit / CEUs, \$495*

For more information visit  
**[conted.colorado.edu/envs4100](http://conted.colorado.edu/envs4100)**  
or call 303.492.5148 to register.



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