

# ENERGY AND THE ENVIRONMENT

This is an interdisciplinary interest area with a special focus on the following topical areas. Explore faculty research options through the URLs provided.

- Fuel cells, treatment of waters from gas and oil production
  - Wiesner <http://wiesner.cee.duke.edu/?q=node/130>
  - <http://wiesner.cee.duke.edu/?q=node/115>
- Petrophysics and exploration for hydrocarbons
  - Boadu <http://www.cee.duke.edu/faculty/boadu/index.php>
- Nuclear waste disposal in shales and clays
  - Hueckel: [http://www.duke.edu/~hueckel/frame/nuclear\\_waste.htm](http://www.duke.edu/~hueckel/frame/nuclear_waste.htm)
- Effects of biofuel production on the environment
  - Avissar  
<http://www.cee.duke.edu/faculty/avissar/index.php>
- Energy driven climate changes and their impacts on the environment
  - Albertson <http://www.duke.edu/~jda4h/research.html>
- Energy harvesting from the sea waves
  - Scruggs <http://www.cee.duke.edu/faculty/scruggs/index.php>
  - Virgin <http://nonlineardynamics.pratt.duke.edu/>
- Air Pollution and mercury emissions from electrical generation using fossil fuels
  - Khlystov <http://aerosol.pratt.duke.edu>
  - Hsu-Kim <http://hsukim.pratt.duke.edu/research>