

**Post Doctoral Fellow - Energy Systems Modeling Group
Carbon Mitigation Initiative, Princeton Environmental Institute
Princeton University**

Our research group models the thermodynamic and economic performance of advanced energy conversion systems that transform fossil fuels (esp. coal) and/or biomass into electricity, hydrogen, and synthetic fuels – with CO₂ capture and geologic storage. We are looking for an individual with a Ph.D. in engineering, physics or chemistry to work with us in designing and analyzing such novel facilities. Experience with energy systems modeling, or with chemical processing software such as Aspen Plus or HYSIS, is highly desirable; however, candidates with a strong record of applying numerical simulation to other areas will be considered. Candidates must have excellent communication skills, be able to foster industrial and academic collaborations in the U.S. and abroad, and have very strong references.

One-year initial appointment with renewal upon review. The position is open until filled. Email application, with CV, to Ildiko Kohles: ikohles@princeton.edu. For more information see <http://www.princeton.edu/cmi>. Princeton University is an Affirmative Action/Equal Opportunity Employer and particularly welcomes applications from women and members of minority groups. For general application information and how to self-identify, see <http://web.princeton.edu/sites/dof/ApplicantsInfo.htm>.