

Seminar Series



Join us the second Thursday of every month for a series of "brown bag" seminars, sponsored by the National Renewable Energy Laboratory and the U.S. Department of Energy (DOE). Each seminar is held at NREL's Washington, D.C., office or in Golden, Colorado. Topics focus on new and innovative renewable energy and energy analysis strategies, models, and technologies.



Web Access and Call-In Information

Log-In Info

URL for log-in:

<https://www.mymeetings.com/nc/join/>

Conference Number: SW192882

(no passcode is needed)

You also can join the event directly at

<http://www.mymeetings.com/nc/join.php?i=SW192882&p=&t=c>

Call-In Info

To call in: 1-877-989-1543

Passcode: 8864359



Hydrogen Demand and Resource Analysis (HyDRA) Project

A seminar presented by DOE/EERE's Office of Planning, Budget, and Analysis and NREL's Strategic Energy Analysis Center

Johanna Levene, Senior Applications Engineer
National Renewable Energy Laboratory

Thursday, October 9, 2008

10 – 11 a.m. (Golden, Colo.)

Noon – 1 p.m. (Washington, D.C.)

(The seminar is also offered via conference call or Internet conferencing.)

See the log-in and call-in information below. **An RSVP is required to ensure that we have enough phone lines and/or seats.** The presenter will be in Golden, Colorado.)

One of the benefits of the hydrogen economy is that hydrogen is an energy carrier and can be made from different resources depending on the region. While this is a known and often-stated benefit, analyses often are based on national averages, and regional data is not taken into account. Hydrogen Demand and Resource Analysis (HyDRA) is a Web-based geographic information system (GIS) tool that allows analysts, decision makers, and general users to view, download, and analyze spatial demand, resource, and infrastructure data. HyDRA is being expanded to provide regional data to other hydrogen analysis tools via the Macro System Model. The extensible framework HyDRA is built on can be (and has been) reused to provide spatial applications and data for other alternative fuel and renewable energy technologies.

Johanna Levene is a senior applications engineer at the National Renewable Energy Laboratory (NREL). She specializes in designing and developing Web sites and Web-based tools that promote alternative fuels and advanced vehicles. Prior to her work at NREL, Johanna worked as a process control engineer, a database administrator, a systems administrator, and a programmer. She has a bachelor's degree in chemical and petroleum refining engineering from the Colorado School of Mines.



Johanna Levene

Golden, Colo., information

**1617 Cole Blvd., Golden, Colorado
Building 3, Conference Room 170.**

Due to construction at the Visitors Center, the seminar location will remain in Building 3 until further notice.

**Please contact Kalia Kehoe at
kalia_kehoe@nrel.gov or 303-384-7439**

Washington, D.C., information

**901 D Street SW (adjacent to the Forrestal Building)
or 370 L'Enfant Promenade. Ninth Floor.**

**Please contact Wanda Addison, of
Midwest Research Institute (MRI), at
wanda_addison@nrel.gov or 202-488-2202**

For more information on NREL analysis, please visit
www.nrel.gov/analysis