



CARIBE ROYALE HOTEL & CONVENTION CENTER
ORLANDO, FLORIDA, USA // 7-9 FEBRUARY 2012

Engineering Education

A Panel Discussion

Moderators

**Arnold Feldman, JJDS
Environmental**

Rick Honaker, University of Kentucky

Panelists

- Howard Herzog, Massachusetts Institute of Technology
- Ramana Reddy, University of Alabama
- Nino Ripepi, Virginia Tech University
- Derek Ellsworth, Professor, Pennsylvania State University

DISCUSSION

The panel will discuss how engineering schools are addressing carbon mitigation and adaptation in both in their curriculums and in actual course work.

Questions

- How are you teaching carbon mitigation and adaptation technologies to your students?
- What additional education changes regarding carbon management do you see: Planned? Would you like?
- What differences have you seen in how we have taught in the past and are currently teaching engineering students regarding carbon mitigation and adaptation?
- What additional or enhance human resource needs are anticipated for students and engineers working in carbon management and mitigation?

- How receptive is the education community to making these changes in how we are teaching (will teach) carbon management and adaptation:
 - Educators?
 - Administration (Dean's)?
- What skill sets are key for engineers working on carbon management and mitigation issues?
- How will engineering issues and society/policy be integrated? How will engineering education influence this?
- What employment opportunities already exist and will exist for engineers in carbon management and adaptation?



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Acknowledgements / Thank You / Questions