



# 4th International Symposium on Energy & Environment: ACCESS

## Abundant Clean Cost-effective Energy Systems for Sustainability

December 9 – 12, 2012

Mumbai, India

<http://mageep.wustl.edu/Symposium2012>

Co-hosted by: IIT Bombay, Tata Institute of Social Sciences & Washington University in St. Louis



After successful 1st, 2nd, and 3rd Symposia in 2007, 2008, and 2010, the 4th Symposium will be held in Mumbai. The focus will be on the following areas:

### Solar Energy

Discussions will center on efforts in a wide range of areas including PV systems, solar thermal and photosynthesis. Specific bilateral and multilateral collaborations will be discussed.

SERIIUS (Solar Energy Research Institute for India & US) workshop—December 8, 2012.

### Clean Coal Technology

Projects updates on Consortium for Clean Coal Utilization activities. Discussion on future activities and multi-country efforts in R&D. Presentation of roadmap document to create a nodal network.

### Water

Discussions will focus on issues covering water resources and water quality. Technology and Policy related aspects will be covered.

### Bioenergy

Focus will be on production of advanced biofuels and its use in a variety of systems ranging from automobiles to jet planes. Approaches of integration to coal systems and utilization of solar energy will be discussed.

### MAGEEP EDUCATION NETWORK

A collaborative global educational program with a university-industry-government partnership will be launched.

### Green Campuses and Campus Master Planning

Architects and systems designers will exchange best practices. Due to significant growth of universities in Asia and other parts of the world, discussions will range from single buildings to larger campus layout designs to promote sustainability, energy, and environmental education and using campuses as living laboratories.

### Doctoral Student Network

Doctoral students at multiple universities have created their own network and will present projects conducted by them over the past year. They will also develop plans for future collaborative studies.

### Short Courses in Energy & Environment (December 6–7, 2012).

MAGEEP—McDonnell Academy Global Energy & Environment Partnership is a partnership of 28 universities & various corporations that are working to tackle and solve the global challenges in energy and environment. [www.mageep.wustl.edu](http://www.mageep.wustl.edu)

The McDonnell International Scholars Academy is a program that provides international graduate students an opportunity to experience an extraordinary education at Washington University in St. Louis. [www.mcdonnell.wustl.edu](http://www.mcdonnell.wustl.edu)

REGISTRATION IS AVAILABLE AT -  
[HTTP://MAGEEP.WUSTL.EDU/SYMPOSIUM2012](http://MAGEEP.WUSTL.EDU/SYMPOSIUM2012)



Oberoi Hotel, Mumbai



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