



National Institute for Environmental Studies

Official Side-Event at UNFCCC COP-13, Bali, Indonesia

## Carbon Management in Cities: Gaps in Policy Discussions and Scientific Understanding

18:00 ~ 19:30, Thursday, December 06, 2007

Venue: SOLAR ROOM (Grand Hyatt Hotel, Grand Convention Centre)

### Organizers

Asian Institute of Technology (AIT), [www.ait.ac.th](http://www.ait.ac.th)  
Global Carbon Project (GCP), [www.globalcarbonproject.org](http://www.globalcarbonproject.org)  
National Institute for Environmental Studies (NIES), [www.nies.go.jp](http://www.nies.go.jp)

Cities are responsible for the majority of global greenhouse gas emissions and their concentration of population and infrastructure makes them more vulnerable to the impacts of climate change. This side-event identifies and highlights key gaps in policy discussions and scientific understanding for carbon management in cities of developing and the developed countries. Key speakers from the scientific and urban policy arenas will deliver presentations that address the following questions and will encourage active audience participation in the follow-up discussions.

- Why is carbon management in urban areas an essential component of addressing global climate change?
- What are the major gaps in scientific understanding and lessons in relation to urban carbon management?
- What are the knowledge and information that city planners need from science to support them for managing carbon?

### Speakers

- **Dr. Shobhakar Dhakal, Global Carbon Project, Japan:** Importance of urban carbon management in the context of global carbon management
- **Professor Ram M. Shrestha, Asian Institute of Technology, Thailand:** Carbon emissions and mitigations: Lessons from cross-city analyses in Asia
- **Dr. Richard Dawson, Tyndall Center, University of Newcastle upon Tyne, United Kingdom:** Beyond emissions: Scientific challenges in understanding cities and climate change
- **Dr. Debra Roberts, EThekweni Municipality, South Africa:** Challenges for city planners for carbon management and how science can help

With participation from **Tyndall°Centre**  
for Climate Change Research



## Speakers Profile

**Professor Ram M. Shrestha:** Professor Shrestha is a Professor of Energy Economics and Planning of Asian Institute of Technology, Bangkok, with over 20 years of research and teaching experience in the areas of energy economics, energy planning and policy, climate policy and urban energy and carbon issues.



**Dr. Shobhakar Dhakal:** Dr. Dhakal is Executive Director of the Global Carbon Project, an international research programme under the auspicious of Earth System Science Partnerships. For last ten years, his work focuses on modeling and policy analyses for urban energy use and carbon emission in cities of Asia and local climate policy. Lately he is actively developing Urban and Regional Carbon Management Initiative.



**Dr. Debra Roberts:** Dr. Roberts is deputy head of Development Planning and Management Unit of EThekweni Municipality (City of Durban) of South Africa, which is a leader in operationizing the concept of open space management for integrating carbon management into local planning and lately studying applicability of urban scale integrated assessment model in actual urban planning.



**Dr. Richard Dawson:** Dr. Dawson is the core researcher for the cities program of Tyndall Centre for Climate Change Research from University of Newcastle upon Tyne in the United Kingdom and actively developing integrated assessment model to understand and plan for mitigation and adaptation of climate change for the City of London.



## Contacts

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