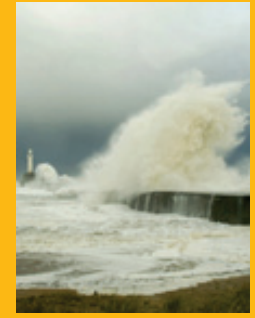


# ISEIS 2007: Emerging Environmental Challenges and Opportunities



The 6<sup>th</sup> International Conference on Environmental Informatics (ISEIS2007) will take place in Bangkok, Thailand, November 21-23, 2007. ISEIS 2007 aims at providing a unique gathering place and open forum for bringing together researchers, engineers, managers, and practitioners from a broad range of disciplines with common interests in techniques and tools of environmental information sciences.

Jointly organized by [University of Regina \(Canada\)](#) and the [International Society for Environmental Information Sciences \(ISEIS\)](#), we trust that the event will offer an unprecedented opportunity for you to discover the cutting-edge environmental informatics technology and its development and applications in environmental studies, resource management, and sustainable development.

## Key Symposia and Technical Workshops:

### *Special Symposium on Climate Change Issues: Mitigation, Impacts, Adaptation, and Vulnerability*

Symposium on Water Resource Management & Planning for the 21st Century

Special Workshop on Informatics Applications in Energy and Environment

Special Workshop on Environmental Education

## Feature Presentations:

*Mitigation, Impacts, Adaptation, and Vulnerability of Climate Change Problems: Where West meets East?* by Dr. Malcolm Wilson, *a member of IPCC Working Group III (which received the Nobel Peace Prize in 2007)*, Executive Member of IEA Greenhouse Gas Program - UK, and Director of the Office of Energy and Environment, University of Regina

*Desertification Trends and Impending Water Crises*, by Dr. Edward A. McBean, Canada Research Chair Tier I in Water Supply Security

*Rapid Zonation on Sustainability and Interpretation in Terms of Flood Hazard Distribution in China* by Dr. Jinren Ni, Peking University, China

*Recent Research and Development on Carbon Dioxide Capture Technology* by Dr. P. Tontiwachwuthikul, Dean of Engineering and Dr. R. Idem, HTC Purenergy Research Chair in Clean Energy Development, University of Regina, CANADA

*CCS Series: World's 1st Modular CO<sub>2</sub> Capture Units for CO<sub>2</sub> Storage and EOR Applications* by Lionel Kambeitz, CEO, HTC Purenergy, Australia and Canada

*Innovative Applications of Artificial Intelligence in Energy and Environment* by Dr. Christine W. Chan, Canada Research Chair Tier I in Energy Informatics

*Future Generation of Hydrogen and Biofuel* by Dr. Raphael Idem, HTC Purenergy Chair in Clean Energy Development

*Sedimentation Problems of the Three Gorge Project in China* by Dr. Guangqian Wang, Tsinghua University

*Ecological Issues of Water Networks in China* by Dr. Zhifeng Yang, Beijing Normal University, China

*Clean Coal Technology for Next Generation Power Plants* by Dr. Nader Mahinpey

Panel Discussion on Education and the Environment

Panel Discussion on Future Challenges of World's Water Resources

And much more...

For more information, please visit: [www.iseis2007.org](http://www.iseis2007.org)

