

# GLOBAL CONFERENCE ON GLOBAL WARMING



**Venue** - The conference will be held in College of Engineering, Peking University (PKU), Haidian District, Beijing, China.

**Goals** - GCGW-14 is a multi-disciplinary international conference on the global warming and climate change issues and potential solutions, and will provide a forum for the exchange of latest technical information, the dissemination of the high-quality research results on the issues, the presentation of the new developments in the area of global warming and climate change, and the debate and shaping of future directions and priorities for better environment, sustainable development and energy security. The primary themes of the conference are global warming and climate change, not only in engineering and science but also in all other disciplines (e.g. ecology, education, social sciences, economics, management, political sciences, and information technology). Therefore, papers on related topics are solicited from all relevant disciplinary areas, ranging from current problems, projections, new concepts, modeling, experiments and measurements, to simulations.

**Format** - The format of the GCGW-14 will be arranged with the following major elements as general papers presented in oral sessions, keynote papers by invited speakers, and panel discussion and specialized sessions on special topics. There will also be exhibitions, social events and pre- and post-symposium tours. High quality papers of archival value will be considered in extended form for publication in various reputable international journals.

**Conference City** - GCGW-14 will be held, for the first time, in the Capital and the most attractive city of Beijing, China. Beijing is one of the leading capitals of the world and the host of the 2008 Olympics. For centuries Beijing has been the centre for cultural and business activities and is today beyond doubt a truly world class and international city. With a history that is more than 3000 years, Beijing is indeed an amazing mix of old and new. As the last of the Four Great Ancient Capitals of China, Beijing has been the political center of the country for much of the past eight centuries. The city is renowned for its opulent palaces, temples, gardens, tombs, walls and gates, and its art treasures and universities have made it a center of culture, art and education in China. Now the new Beijing city has become one most comfortable and convenient cities in the world. It covers tremendous varieties of cultural events and modern elements which will make your stay in Beijing absolutely an unforgettable academic journey.

## Important Dates

**December 01, 2013:** One-page abstract due (through website)

**January 01, 2014:** Notification of abstract acceptance (via e-mail)

**February 15, 2014:** Full manuscript due (through website)

**March 15, 2014:** Notification of manuscript acceptance (via e-mail)

## Abstract Submission

Initial screening will be based on the abstracts, and authors should submit 400-500-word abstracts through website only. Each abstract should contain the title of paper, name of authors and affiliations and complete addresses (along with the phone and fax numbers and e-mail addresses), and summarize the content of the work, objectives and main findings. Please visit <http://www.gcgw.org> for submitting your abstract.

## Contact Details

Dr. Xin-Rong (Ron.) Zhang  
Professor of Mechanical Engineering  
Director of Center for New Energy System  
Dept. Energy & Resources Engineering, College of Engineering  
Peking University, Beijing 100871, P. R. China  
E-mail: [info@gcgw.org](mailto:info@gcgw.org)

## Conference Topics

The topical areas of interest include, but are not limited to:

- Acid precipitation
- Aerosol
- Atmospheric change
- Biofuels and alternatives
- Carbon sequestration
- Carbon tax
- Clean technologies
- Climate change and health issues
- Climate change modeling and simulations
- Climate networks (oceans, regions, forests, etc.)
- Coupled ocean-atmosphere system
- Deforestation
- Earth sciences
- Ecology, ecosystem and biodiversity
- Energy conservations
- Energy policies and strategies
- Energy quality and security
- Energy technologies
- Environment policies and strategies
- Environment quality and security
- Environment technologies
- Exergy
- Food and agriculture
- Forestry
- Global earth observations
- Global economics
- Global environment and policies
- Global warming modeling and simulations
- Green design and manufacturing
- Green energy
- Greenhouse gases
- Human health and welfare issues
- Hurricanes and catastrophic events
- Hydrogen and fuel cell technologies
- Hydrological cycles
- Information technology
- Life cycle assessment
- Measurement techniques and data management
- Nuclear energy and technologies
- Oceans and global warming
- Policy and strategy development
- Renewables
- Smog
- Solid and municipal wastes
- Space and atmospheric applications
- Stratospheric ozone depletion
- Sustainable development
- Sustainable environment and health
- Thermal pollution
- Thermal science and technology
- Urban and regional planning
- Volcanoes and volcanic events
- Waste management
- Water and water issues
- Weather forecasts and scenarios