



SCHOOL OF ENVIRONMENT
TSINGHUA UNIVERSITY

Newsletter

Issue 09

SCHOOL OF ENVIRONMENT
TSINGHUA UNIVERSITY



Address: School of Environment, Tsinghua University,
Beijing 100084, P.R. China

Tel: +86 10 6278 4521

Fax: +86 10 6278 5687

Http:// www.env.tsinghua.edu.cn



News & Events

Dr. Chen Jining Appointed President of THU
THU Bids Farewell to Academician Gu Xiasheng
An Alumnus of SOE Appointed Dean of the Department of Civil Engineering of SIUE

Research & Achievements

SOE Co-hosts the 2012 International Forum on China Environmental Industry
Visiting Professor Bruce Logan Delivered Speech on THU Environmental Forum

Exchanges & Cooperation

Italian Minister for the Environment Delivers Speech
The Internship Base of SOE in Foshan Environmental Protection Bureau Established



CONTENTS

News & Events

- 01/ Dr.Chen Jining Appointed President of THU
- 01/ THU Bids Farewell to Academician Gu Xiasheng
- 01/ An Alumnus of SOE Appointed Dean of the Department of Civil Engineering of SIU

Research & Achievements

- 02/ SOE Co-hosts the 2012 International Forum on China Environmental Industry
- 02/ SOE Holds EC2 Policy Seminar on Biomass Energy
- 02/ Visiting Professor Bruce Logan Delivers Speech on THU Environmental Forum
- 03/ Project of SOE Awarded the National Award for Science and Technology Progress
- 03/ SOE Awarded the 2011 THU Energy Saving & Emission Reduction Advanced Collective
- 04/ NDRC Sends a Letter of Thanks to SOE
- 04/ MHURC and Guangxi Government Send letters of Thanks to Prof.Zhang Xiaojian of SOE

Exchanges & Cooperation

- 04/ Italian Minister for the Environment Delivers Speech
- 05/ The Internship Base of SOE in Foshan Environmental Protection Bureau Established
- 05/ IMIES and SOE Hold Forum on Comprehensive Cooperation

News & Events

Dr.Chen Jining Appointed President of THU

Dr. Chen Jining was appointed as the President of Tsinghua University on February 20, with the approval from the Central Committee of the Communist Party of China and the State Council. Dr. Chen succeeds Professor Gu Binglin, who retired from the position at the same time.

The announcement of the new president was made by Mr. Li Zhiyong, the Vice Director of Central Organisational Department on February 20 at a meeting of senior Tsinghua administrators. Mr. Yuan Guiren, Minister of Education, and Mr. Zhao Fengtong, the member of the Standing Committee of CPC

Beijing Municipal Committee and secretary of the Education Committee of CPC Beijing Municipal Committee attended the meeting and delivered speeches respectively.



Dr. Chen Jining is a professor of environmental system analysis of School of Environment. He joined the Tsinghua University staff in 1998 as Vice Dean of the department

of Environmental Engineering and became Dean of that department in 1999. Dr. Chen was appointed as Vice President of Tsinghua University in 2006. He became Vice Standing President of Tsinghua in 2007.

THU Bids Farewell to Academician Gu Xiasheng



Prof. Gu Xiasheng, Academician of the Chinese Academy of Engineering from SOE, THU, died in Beijing at 2:13 p.m. February 6 at the age of 94. His funeral was held

in the Babaoshan funeral parlor on February 10 and leaders of the central government including President Hu Jintao sent wreaths as a token of their condolences.

An Alumnus of SOE Appointed Dean of the Department of Civil Engineering of SIUE

Zhou Jianpeng, who attended SOE in 1981, has recently been appointed the dean of the Department of Civil Engineering (DCE) at Southern Illinois University Edwardsville (SIUE)

Zhou Jianpeng did his studies in the Department of Environment Engineering, THU, and his received his B.S. degree in 1986 and M.S. degree in 1989. He went to Canada in 1991 and worked for two famous environmental companies in Canada for a few years, during which he received his Ph.D. in environmental engineering at the University of British Columbia, became a registered professional engineer in

environmental engineering, Province of British Columbia, Canada. Then he went on to become a Licensed Professional Engineer (P.E.) in Civil Engineering at the State of Washington, USA, and was a Board Certified Environmental Engineer (BCEE) and became a Certified Specialist in Water Supply and Wastewater of the American Academy of Environmental Engineers. He began working in SIUE in 2002 and has now become an Associate Professor with tenure, SIUE, majoring in research areas of wastewater treatment and sewage sludge disposal. He is also the president of Chinese-

American Professors in Environmental Engineering and Science in USA, a Visiting Professor of SOE and a senior consultant of Shandong Provincial Environment Project, the World Bank. He has supported the work of the Tsinghua Alumni Association - Saint Louis for many years and facilitated the development of Tsinghua Overseas Alumni Associations.



Research & Achievements

SOE Co-hosts the 2012 International Forum on China Environmental Industry

The 2012 International Forum on China Environmental Industry (IFCEI), sponsored by SOE of THU, China Environmental Investment Alliance and enviroinvest.com.cn, was held in TusPark, Beijing, on March 20-21.

This conference aimed at analyzing the situation of China's environmental industry, discovering newly rising areas and developing profitable strategies. Around 400 delegates from more than 260 companies and organizations nationwide attended this forum.

Discussions and communication during the IFCEI 2012 mainly focused on industrial transitions in realms of wastewater treatment, sludge treatment, atmosphere pollution control, solid waste treatment, soil remediation



and monitoring instruments. Meanwhile, 39 environmental protection enterprises, 1 environmental services agency, 6 investment corporations and one investor were awarded the Competitive Prize for Environmental Enterprise and Investment Corporation during 2011 in the conference.

SOE Holds EC2 Policy Seminar on Biomass Energy

Organized in cooperation with Europe-China Clean Energy Centre (EC2) Partners, Tsinghua University and the Euro-Mediterranean Centre for Climate Change (EMCCC), the EC2 "Policy Seminar on Biomass Energy", co-hosted with the Strategic Alliance on Technological Innovation of Urban Biomass Gas Industry, was held in SOE on March 28.

With a strategic focus on the biomass energy industry, the seminar aims at providing insights and explanations on policies related to biomass energy under the framework China XII Five-Year Plan, with an emphasis on the latest updates in policies, regulations and enforcements in

regards to the use of agriculture waste and municipal waste which are implemented in order to meet the targets of the proportion of renewable energy in the energy mix by 2015. Examples of solutions provided under current and related EU policies and regulations were also presented and discussed.

Prof. Wang Wei presided over the seminar. More than 50 delegates from the Ministry of Agriculture, Energy Research Institute of National Development and Reform Commission, the Ministry of Housing and Urban-Rural development of the People's Republic of China, SOE and EMCCC attended the seminar.

Visiting Professor Bruce Logan Delivers Speech on THU Environmental Forum



Bruce Logan, Director of Engineering Energy & Environmental Institute and Director of Hydrogen Energy (H2E) Center in Penn State University (PSU) joined to be a visiting professor at SOE and delivered a speech at THU Environmental Forum after the ceremony on March 20.

Prof. Yu Gang, Dean of SOE, presented Prof. Logan the letter of appointment during the ceremony. The topic of the speech was, "Microbial Electrochemical Technologies (METs) Meet Salinity Gradient Energy". Prof. Logan introduced

the development of their research on Microbial Fuel Cells (MFC) and derived processes and had interactive discussion about related areas with the students.

Prof. Logan's area of research covers

bio-energy, especially MFC and H₂ production using MECs, along with bacterial adhesion, biological treatment of wastewater and bio-remediation. He has published more than 300 papers in high-esteemed journals like Science

and PNAS and the total cited number exceeds 13,000. He has also published many books like Microbial Fuel Cells, which is the first book about MFC in the world, and Environmental Transport Processes.

Project of SOE Awarded the National Award for Science and Technology Progress

The National Award for Science and Technology Progress (NASTP) ceremony 2011 was held in the Great Hall of the People in Beijing on February 14, 2012. Leaders of the state including Hu Jintao, Wen Jiabao, Li Changchun and Li Keqiang attended the ceremony.

Wen Jiabao, Member of the Standing Committee of the Political Bureau of the CPC Central Committee and Premier of the State Council, delivered a speech on behalf of the Party Central Committee and State Council. Li Keqiang, Member of the Standing Committee of the Political Bureau of the CPC Central Committee and Vice Premier of the State Council, presided over the ceremony. Liu Yandong, member of the Political Bureau of the CPC Central Committee and

State Councilor, announced the results of NASTP 2011.

The project undertaken by the research group from SOE regarding the sulfur dioxide emission reduction

theories and key technologies in China was awarded the second prize of NASTP 2011. Prof. Hao Jiming, Prof. He Kebin, Prof. Wang Shuxiao and Prof. Duan Lei are main members of this research group.

Besides the above prize, a total of 19 scientific and technological achievements of THU received



national awards in 2011, which ranks it No.1 among Chinese colleges and universities. All the awards include 5 National Awards for Natural Sciences, 4 National Awards for Technological Invention and 10 NASTP.

SOE Awarded the 2011 THU Energy Saving & Emission Reduction Advanced Collective

THU Energy Saving Conference and the 2011 Energy Saving & Emission Reduction Advanced Collectives and Individuals Award Ceremony, organized by the Green University Office of Tsinghua University (GUOTU) and Campus Property Management Center, were

held in the Xi Jie Hall on March 7. Zhang Fengchang, Vice President of Tsinghua, Qiu Xianqing, Vice Dean of General Affairs and another 50 people in charge attended the conference.

18 advanced collectives and 12 advanced individuals were awarded for their contributions in energy saving

management and energy saving technology application. SOE, Water Reclamation Research Group of SOE and the Student Green Association of Tsinghua University were selected as advanced collectives. The award aims at promoting the building of an energy-efficient university.

NDRC Sends a Letter of Thanks to SOE

The National Development and Reform Commission (NDRC) sent a letter to THU to express their thanks to SOE and the Institute of Nuclear and New Energy Technology (INET) for their support and cooperation in the United Nations Climate Change Conference, Durban 2011.

The Durban Climate Change Conference (DCCC), being the seventeenth session of the Conference of the Parties (COP 17) to the United Nations Framework Convention on Climate Change (UNFCCC) and the seventh session of the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol (CMP 7), was held in

Durban, South Africa, from November 28 to December 9, 2011. It brought a breakthrough to the international community's response to climate change. The negotiations progressed smoothly the implementations of the convention and the Kyoto Protocol, the Bali Action Plan, and the Cancun Agreements, which has great significance to the future and national image of China.

Prof. He Jiankun from INET and Prof. Wang Can from SOE joined in the Chinese delegation. They made suggestions during the negotiations and actively took part in the discussions. Their achievements gained the high praise of the NDRC.

MHURC and Guangxi Government Send letters of Thanks to Prof. Zhang Xiaojian of SOE

China's Ministry of Housing and Urban-Rural Construction and Government of Guangxi Zhuang Autonomous Region sent a letter of thanks to SOE recently for the support from Prof. Zhang Xiaojian, who led the emergency response of the cadmium pollution incident in early 2012.

The gravest cadmium pollution incident to ever happen in Guangxi took place in the Yizhou area of Longjiang River in mid-January 2012. Prof. Zhang, as the deputy chief of the group of experts, reached the scene at the very beginning and instructed the people on the proper treatment to take to guarantee the safety of the drinking water for people in Liuzhou. The water quality in Yizhou zone has now satisfied the standards and has no dangerous effects on lower reaches in the area of Liuzhou.

Exchanges & Cooperation

Italian Minister for the Environment Delivers Speech

Mr. Corrado Clini, the Italian Minister for the Environment and Mr. Wan Gang, Minister of Science and Technology, visited Tsinghua University on March 19. Mr. Clini delivered a speech entitled "Moving towards a Green Economy: Challenges and Opportunities for International Cooperation on Science & Innovation" in the Tsinghua Global Vision Lectures Series that afternoon. Tsinghua University President Chen Jining had a discussion with Mr. Clini and Mr. Wan Gang prior to the speech.

In his speech, Mr. Clini noted that the emerging needs for a more efficient and wise use of natural resources and a more comprehensive protection of the environment and



human health, are a unique opportunity for a radical switch to a new economy: green and low carbon.

He discussed with students on topics including Science & Innovation and sustainable growth, bringing his outstanding personal experience in the International Cooperation with special reference to Sino-Italian Cooperation Program for

Environmental Protection, which in over 10 years implemented over 200 projects in support of China's Sustainable Development, thus becoming a model for bilateral cooperation.

The "Sino-Italian Innovation Platform for Environmental Technology and Sustainable Development" was launched by Mr. Clini and Mr. Wan Gang that day.

The Internship Base of SOE in Foshan Environmental Protection Bureau Established

The unveiling ceremony of Internship base of SOE for graduates was held in Foshan Environmental Protection Bureau (FEPB), Guangdong Province, on February 24. Zhang Xiaoping, Department Leader of Post-Graduate Affairs of THU, Hu Hongying, Vice Dean of Tsinghua University Graduate School At Shenzhen, Liu Jianguo, Deputy Secretary of the SOE Committee of CPC, and Pan Zhiwen, Director of FEPB jointly

unveiled the base board. Around 30 attendees from THU, FEPB and related branches were present at the ceremony.

In his speech, Zhang Xiaoping introduced the steps taken for internship education in THU. Liu Jianguo delivered a speech on the history and status of SOE. Pan Zhiwen introduced the earlier cooperation between FEPB and SOE and the development and challenge



of environmental protection in Foshan. According to the agreement, THU will send graduates to FEPB every year from now on.

IMIES and SOE Hold Forum on Comprehensive Cooperation

A forum on the comprehensive cooperation between Inner Mongolia Institute of Environmental Science (IMIES) and SOE was held in SIEEB on March 12. Bai Zhifeng, Dean of IMIES, and Du Pengfei, chairman of SOE council had a discussion regarding mutual scientific research and personnel training.

Bai Zhifeng introduced IMIES and environment problems in Inner Mongolia. She also expressed their

interest in cooperating with SOE on Environmental Management, Pollution Control technology and Personnel Training.

On the other side, Du Pengfei introduced the history, research and teaching of SOE and looked forward the comprehensive collaboration on atmosphere environment, water environment, ecological environment, environment management, pollution control, energy saving, reduction of carbon emission and heavy metals

control in key industries and river basins. He additionally emphasized the employment guidance and personnel training in organizations.

Quan Zhong, Vice Dean of IMIES, and Duan Lei, Vice Dean of SOE, Prof. Wang Chengwen, Prof. Zhang Xu and Prof. Wang Shuxiao from SOE also joined in the discussion.