



SCHOOL OF ENVIRONMENT  
TSINGHUA UNIVERSITY

# Newsletter

Issue 05

SCHOOL OF ENVIRONMENT  
TSINGHUA UNIVERSITY



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### School of Environment Established

According to NO.3 Notice (2011) issued by Tsinghua University on January 7th, the Administration Committee of Tsinghua University decided to establish School Of Environment (SOE) and abolish the Department of Environmental Science and Engineering. SOE is an en-

tity body, constituted by Department of Environmental Engineering, Department of Environmental Science, Department of Environmental Planning and Management.



### National Development and Reform Commission Sent a Letter of Thanks to SOE

Department of Climate Change of National Development and Reform Commission (NDRC) sent a letter of thanks to SOE on January 18th, expressing gratitude for the support of SOE in Cancun Conference and international negotiations on climate change.

on climate change in the past year, with the close cooperation between Department of Climate Change of NDRC and other departments, SOE accomplished the mission assigned by the Central Committee and State Council successfully, which lead our country to new progress in responding to climate change.

In the Cancun Conference and international negotiations

### Haruhiko Kuroda, President of Asian Development Bank, Made a Speech in SOE

Haruhiko Kuroda, President of Asian Development Bank, visited Tsinghua University on March 23th, and made a speech on the issue of water security cooperation between China and Asian Development Bank(ADB) aiming at addressing the water resource problems in the lecture hall of SOE. The topic of the speech is "Ensuring Water



for All: PRC-ADB Water Security Cooperation". Chairman of academic committee of Tsinghua University, Chinese Academy of Engineering academician QIAN Yi presided over the speech.

Haruhiko Kuroda pointed out in the lecture that water crisis has been becoming the biggest threat to the realization of Asian sustainable development. He analyzed the current situation of Asian water resources and challenges confronted in the future and stressed the importance of international cooperations in tackling water resources problems. ADB is endeavoring to improve Asia's problem-

solving ability in the water crisis, embarking on a new water running framework, and of which, the most important things are water utilization efficiency improvement, wastewater management and recycling, good governance and integrated water resource management. Over the past 25 years, ADB has established a good cooperational relationship with China in the field of water resource management, and will continue to support the research on and development of water management and water security in China.

### East China Alumni Association of SOE Tsinghua University Founded in Shanghai

East China Alumni Association (ECAA) of SOE, Tsinghua University was founded in Shanghai on March 19th, 2011. Zhang Quan, alumnus 1982 and Director of Shanghai Environmental Protection Bureau into a top international environment institution. After that, GUO Liang, ZHANG Suxin, ZHANG Quan delivered speeches respectively. They congratulated to the establishment of ECAA, and hoped the ECAA could become an extension platform for the lifelong education process of SOE, to pay attention to and support the development of SOE, and invited East China alumnus to participate in the process of developing SOE

to pay attention to and support the development of SOE, and invited East China alumnus to participate in the process of developing SOE into a top international environment institution. After that, GUO Liang, ZHANG Suxin, ZHANG Quan delivered speeches respectively. They congratulated to the establishment of ECAA, and hoped the ECAA could become an extension platform for the lifelong education process of SOE,

a supporting platform for assisting the undertakings of alumnus of SOE, and a service platform of emotional exchange, business cooperation and communication.

YU Gang introduced the development of SOE in recent years to alumnus presenting at the meeting. He hoped alumnus of East China could continue



### Standing Vice President CHEN Jining was Elected as Vice Chairman of the 3rd Discipline Development and Specialty Setting Expert Committee Ministry of Education

On December 6th, 2011, according to 'Regulation of Undergraduate Major Setting in Institute of Higher Education (1999)', Ministry of Education decided to establish the 3rd discipline development and major setting expert committee Ministry of Education (Expert Committee). CHEN Jining, Standing vice president of Tsinghua University, and CHEN Jian, alumni of SOE, president of Jiangnan University were elected as vice chairmen of the committee.

Expert Committee was set up to enhance the discipline development and major setting work, aiming at improving the scientific management of major setting and democratization level. Members of expert committee were appointed by Ministry of Education, termed four years.



### The Second Working Meeting of the Second FESE Journal Editorial Committee Held in SOE

On January 8th, 2011, the second working meeting of the second editorial committee of *Frontiers of Environmental Science and Engineering in China* (FESE), the SCI embodied journal administered by Tsinghua University and Higher Education Press, held at the building of SOE on the afternoon of January 8th. Associated editors from universities and scientific research institutions such as Tsinghua University, Chinese Academy of Science, Peking University, Zhejiang University, Nankai University, Dalian University of Technology, University of Science and Technology of China and relevant leaders from Higher Education Press attended the meeting.

The meeting was presided by academician QIAN Yi, editor-in-chief of the journal. Dean of School of Environment YU Gang welcomed and expressed the desire of journal quality improvement and journal impact enhancement, expected better cooperation with Higher Education Press.

Deputy Chief Editor of Higher Education Press WU Xiang, introduced the internal development of Higher Education Press and the development situation of series journal *Frontiers* in 2010, wished further cooperation with Tsinghua University in the future and promoting FESE to be international journal with great impact.

Executive Associate Editor-in-Chief of FESE, professor HUANG Xia reported the journal work in 2010, introduced the situation of manuscript increase in 2010, online submissions platform construction, plans about the future and so on. Academician HAO Jiming, academician QU Jiuhui and other participants fully affirmed the journal development in the past year, discussed actively and offered relevant suggestions about further journal quality improvement and academic impact enhancement of the journal. In the end, editor-in-chief QIAN Yi summarized the future work of this journal and expressed gratitude to Higher Education Press and editor teachers for big support.



### Doctoral Dissertation Supervised by Academician HAO Jiming was Selected into National Excellent Doctoral Dissertations

Doctoral dissertation entitled "Air Pollution Emission and Environmental Influence of Coal-fired Power Plant in China", authored by doctoral candidate ZHAO Yu, supervised by Academician HAO Jiming, was

selected into National Excellent Doctoral Dissertation in 2010. There are 8 dissertations won the laurel in total in Tsinghua University this year, and 5 dissertations won the nomination.

### SOE Hosted the 9th Urban Water Strategic Forum

"The 9th Water Strategy Forum", jointly sponsored by Tsinghua University and H2O-China, convened in Beijing Friendship Hotel between March 24th and 25th, 2011. As one of the centennial celebration activities of the school, the forum covered the whole chains of environmental industry, and attracted more than 800 people of managers, policy experts, scientific researchers and corporation leaders. Conference participants discussed hot topics of policies, market, industry, realized expert association at the most high-end and collision of intelligence, established the most influential platform for government and industry communication.

ZHAO Hualin, Director of Pollution Prevention Department, Ministry of Environmental Protection (MEP), WANG Kaiyu, section chief of Technology Division Department of Science and Technology and Standards, MEP, SHI Yubo, section chief of Urban Water Bureau Water Resources Department, Ministry of Water Resources described respectively the pollutant reduction plan during the period of the '12th Five Year Plan', the water environment industry development with 'national water pollution control and management



technology major projects' promoted by '12th Five', theory and practice of the most stringent water resource management system and so on. Many professors of SOE attended the conference, together with participants from the industry looked into the prospect of sustainable development of the urban water industry in China.

### Urban Mineral and Heavy Metal Pollution Control Strategy Forum Hosted in Tsinghua University



Urban Mineral and Heavy Metal Pollution Control Strategy Summit, sponsored by SOE, was held in Tsinghua University at 14:00 on 13th March. The conference was preside by Professor HAO Jiming, dean of Environmental Science and Technology Research Institution, Tsinghua University and academician of Chinese Academy of Engineering. XIE Zhenhua, Deputy director of National Development and Reform Commission, ZHOU Jian, Vice

Minister of Ministry of Environmental Protection, and CHEN Jining, Standing Vice-president of Tsinghua University attended the meeting and delivered speeches. ZHANG Yi, researcher of Process Engineering Institution, academician of Chinese Academy of Engineering made a keynote lecture. QIAN Yi, Professor of SOE, Tsinghua University, academician of Chinese Academy of Engineering, JIN Yong, professor of Department of Chemical Engineering,

Tsinghua University, academician of Chinese Academy of Engineering, experts and other leaders of relevant ministries were also invited to the conference. More than 110 people participated in this meeting.

After the forum, an opening ceremony was hosted for the foundation of "SOE(School of Environment, Tsinghua University)-DE(Dongjiang Environmental Stock Limited Company) Joint Research Center of Heavy Metal Recycling and Control Technique". CHEN Jining and ZHANG Weiyang, president of Dongjiang Environmental Stock Limited Company opened with an inaugural ceremony for the research center jointly.



### Achievements of “national water pollution control and management technology major projects” of SOE was on show in the “Eleventh Five-Year Plan” National Major Scientific Achievement Exhibition



gic importance, optimized the industrial structure and upgraded advanced technology, developed agricultural and livelihood technology, enhanced the basic technology and frontier technology research, comprehensively promoted the establishment of national innovation system as well as innovation in national defense technology and so on.

The “11th Five Year Plan” National Major Scientific Achievement Exhibition was on show in National Convention Center between March 7th and 13th, 2011. The exhibition focused on the significant scientific achievements during the period of fully implementation of “Technology Program Outline”, when we carried out major projects of fostering emerging industries of strate-

“Enhanced Nitrogen and Phosphorus Removal MBR Process and Sewage Reuse Technology”, “HSBP Sludge Hydro-thermal Drying Disposal System” and “ Environmental Risk Typical Pollutant Online Multiple Index Analyzer”, the three achievements developed by project teams of SOE, were exhibited in “national water pollution control and management technology major projects” unit, attracted many visitors.

### The 4th China Environmental Investment Conference Held Successfully in SOE

“The Fourth Chinese Environmental Investment Conference” co-sponsored by SOE Tsinghua University, Chinese Environmental Investment League and Chinese Environmental Investment Nets was held successfully in SOE between March 19th and 20th. The conference attracted more than 400 representatives from governments, enterprises and research institutions.

Environmental Enterprises. The conference provided a platform to investment bodies, environmental protection enterprises and service institutions with industry study, networking, marketing cooperation, industrial chain integration and investment connection.

The conference was presided by CHANG Miao, director of Division of Environmental Management and Policy of SOE. Professor WANG Wei, Professor WANG Kaijun, Associate Professor CHANG Miao made keynote speeches respectively. Professor YU Gang, dean of SOE, presented awards to winning enterprises for their competitiveness as Chinese Environmental Investment Agencies and



### Professor LI Jinhui of SOE Attended the 3th Consulting Meeting of New Strategic Framework of “ Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and Their Disposal ”

The 3rd consulting meeting of New Strategic Framework of “Basel Convention on the Control of Transboundary Movements of Hazardous Wastes” was held in International Environment House in Geneva from February 8th to 9th. More than 30 representatives from five regional centers of UN and

secretariats attended the meeting. The meeting mainly discussed the implementation and assessment of the New Strategy. DU Kexiong from the Ministry of Environmental Protection of PRC, and Executive Secretary LI Jinhui of Basel Convention Coordinating Centre for Asia and Pacific were invited to the

meeting to address on the legislation and establishment of national management plan on hazardous wastes, the separation assessment of input and output of the Strategic Framework in developing countries. Their statements were approved by the attendants.

### Exchange and Cooperation

#### Professor Colini Visited the EU-China Clean Energy Center (EC2)

Corrado Clini, Director of Department for Global Environment International and Regional Convention, Ministry for Environment and Territory, Italy, visiting professor of Tsinghua University, visited EU-China Clean Energy Center(EC2) located at SOE on the afternoon of 10th March. YU Gang, dean of SOE accompanied him in the visit. During the visit,

professor Clini fully confirmed the achievements of the year after the establishment of the center, and highly appreciated the vigorous support Tsinghua University and SOE provided.



He looked forward to a closer cooperations between both sides in future.

#### DU Pengfei Met with Shoichi Kondo, Vice Minister of Environmental Ministry, Japan

Shoichi Kondo, Vice Minister of Environmental Ministry of Japan, together with a delegation of 13 people visited Tsinghua University on January 11th. Vice President of Tsinghua University ZHANG Fengchang welcomed the guests. DU Pengfei, secretary of Party Committee of SOE, Ji Junmin, secretary of Party Committee of Department of Logistics, vice director

of General Office Tsinghua University, and ZHAO Mancheng, director of Repair Center, Tsinghua University accompanied him in the visit.

ZHANG Fengchang welcomed Shoichi Kondo for the visit, and made a brief introduction of the history and development of Tsinghua University, achievements on green university construction, energy saving and

emission reduction. Shoichi Kondo hoped for a closer cooperation between universities of both sides.

After the meeting, DU Pengfei and Professor CHEN Lvjun of SOE showed around guests the Water Conservation Educational Laboratory and Reclaimed Water Treatment Demonstration Project at Zijing Apartment.

### Secretary of Party Committee of SOE, DU Pengfei, Visited Shanghai for Employer Interview

Secretary of Party Committee of SOE, DU Pengfei, and Director of SOE Graduate Student Affairs SUN Fu, visited Shanghai Municipal Engineering Design Institute (Group) Co., LTD (SMEDI) on January 17th for employer interview with a team of 8 graduate students in employment practice of winter holiday. Chief Engineer of SMEDI ZHANG Chen, Institute Office Director FAN Yong, and Principals from the NO.1, NO.2, NO.3 and NO.4 Department attended the meeting.

The interview was a part of the "100 employers' interview" for the Centennial Celebration of Tsinghua University, aimed to acquire the demand from employers, promote the cooperation between both sides, and benefit Graduates of Tsinghua University.

### SOE Held International Students Symposium

SOE held international students symposium on January 13th. Professor YU Gang, dean of SOE, Professor ZUO Jian'e, Deputy Dean of SOE and Associate Professor WANG Yuyue, Dean Assistant, fully exchanged views with international students on information network construction, curriculum building and students activities. The meeting determined to hold symposiums periodically, organize interchange activities between international students and Chinese students in the future. The authorities deployed specific arrangements to solve the problems and

improve international educations of SOE.

In recent years, SOE has made great progress in international education with enrollment increases and quality improved. The number of enrolled international students is 40 at present in SOE. The School will increase the degree of internationalization through the improvement of network construction, curriculum building, and international education development.

### Summing-up Meeting for Employment Practice in Everbright Environment (Beijing) Held

8 students of SOE from Everbright Environment Employment Practice Team summarized the experience and reward they gained in the employment practice on February 23th after returned to Everbright Environment Co. Ltd. CHEN Tao, general Manager of Everbright Environment (Beijing), LIU Jianguo, vice secretary of Party Committee of SOE, and SUN Fu, director of SOE Graduate Student Affairs attended the meeting.

Every group members made a presentation and shared their work experi-

ences and feelings during the practice, and summarized the weaknesses they had. Both sides determined to make the employment practice better and more practical.



### YU Gang Had a Meeting with Students in the Aptitude Oriented Teaching Plan



On the evening of March 18th, YU Gang, Dean of SOE was invited to have a meeting with students of the "Aptitude Oriented Teaching Plan" of 2011 spring semester in Room 406 of SOE building. The topics of the meeting touched on the subjects like "Professional Development" and undergraduate student "Personal Growth". By answering students' question, Professor YU encouraged students to know how to carry on a self-assessment in the complicated

society, find the real interest and value, and be one's own master. Yu Gang pointed out that "The solution of environmental problems does not only depend on technology, but also on policy, science and so on. It's the result of combined actions. He hoped that the students could be the talents in all aspects. "I hope that by 2050, when the clean water and blue sky project has realized in China, environmentists of Tsinghua University would play an irreplaceable role in this progress!" he said.also

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