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### 2012 Graduation Commencement Ceremony of SOE Held

The Graduation Commencement Ceremony of SOE graduates in 2012 was held in SIEEB on July 4.

A total of 95 undergraduate students are going to graduate and move on from the school, 59 of whom received the Bachelor Degree of Environmental Engineering and another 36 were awarded with the Bachelor Degree of Civil Engineering. 99 graduate students would get their degrees, including 20 Ph.D. students, 63 Master students and 15 Masters of Engineering. Of the master graduates, 7 master students and 3 masters of Engineering were from abroad.



Professor Qian Yi and Professor Hao Jiming, Academicians of Chinese Academy of Engineering, Professor Yu Gang, Dean of SOE, Professor Du Pengfei, Secretary of SOE Committee of CPC, Professor Duan Lei and Professor Jiang Jianguo, Vice Deans of SOE, Professor Liu

Jianguo and Professor Liu Wenjun, Deputy Secretaries of the SOE Committee of CPC, and the teachers and faculty from different divisions attended the ceremony. Nearly 200 graduate and undergraduate students were present. Professor Zuo Jiane, Vice Dean of SOE, presided over the ceremony.

### SOE Welcomes Freshmen of 2012



The opening ceremony of 2012 freshmen in SOE was held in SIEEB on August 26. According to the Admissions Office, 87 ungraduate freshmen and 149 graduate freshmen were admitted to SOE in 2012.

Professor Qian Yi, Academician of the

Chinese Academy of Engineering, delivered an opening speech to encourage the 2012 new comers. Professor Yu Gang, Dean of SOE, gave a brief introduction of the SOE and academic disciplines in the area of Environment Science and Technology. Student Representatives

shared their experiences and feelings at THU. Several special programs and scholarships set-up for students in SOE were described during the ceremony.

Professor Huang Xia, Director of the Academician Committee of SOE, Professor Duan Lei and Professor Jiang Jianguo, Vice Deans of SOE, Professor Liu Jianguo, Deputy Secretary of the SOE Committee of CPC, and other teacher representatives also attended the ceremony. Professor Zuo Jiane, Vice Dean of SOE, presided over the ceremony.

### FESE Obtains Impact Factor in JCR

Frontiers of Environmental Science & Engineering in China (FESE), co-sponsored by THU and Higher Education Press, obtained the impact factor of 0.754 in 2011 Journal Citation Reports (JCR) issued by Thomson Reuters on June 29.

This was the first time for FESE to gain the impact factor in JCR. It ranked 173 among 205 journals on Environmental Sciences, 38 among 45 journals on Environmental Engineering and 70 among 154 Chinese Journals.

FESE was initiated by the Ministry of Education in 2007 and is quarterly issued by Springer Co., Ltd. In 2012, FESE changed to a bimonthly journal, whose editors consist of more than 40 famous experts including Academician Qian Yi of Chinese Academy of Engineering (CAE), Director of Academician Committee of Tsinghua University, Academician Hao Jiming of CAE, Professor Perry L. McCarty from Stanford University, Academician



of American Academy of Engineering and American Academy of Arts and Sciences, Professor Qu Jiu-hui, Academician of Chinese Academy of Sciences (CAS) and Director of Research Center for Eco-Environmental Sciences, CAS and Professor Gatzke Lettinga from Wageningen University. FESE was indexed by Science Citation Index Expanded from 2009. It contains reviews, research papers and Academic Alerts covering all areas of Environmental Science and Engineering.

### Three Professors from SOE Elected as IWA Fellows



Professor Huang Xia, Professor Liu Wenjun and Professor Xie Yuefeng, who are also members of the "Thousand Talents Program" of China and professor from Pennsylvania State University Harrisburg Campus, were elected as IWA Fellows and granted framed certificates and Fellow pins from Mr. Glen Daigger, Chairman of the International Water Association (IWA), during the IWA Conference in Busan, South Korea, on September 16-21.

IWA is the biggest academic institution on water industry in the world. It is represented in 130 different countries through its 10,000 individual members. IWA fellow recognizes the unusual and outstanding distinction in the profession and shall be conferred by the IWA Board of Directors upon a person with an extraordinary record of accomplishments who has contributed significantly to the advancement or application of water science and technology, bringing the realization of significant value to society. A total number of 45 experts were elected as IWA Fellows this year, two of whom come from Mainland China.



### SOE Co-hosts SZTACCW Workshop

**S**ino-New Zealand Total Amount Control Cooperation Workshop on Pollutants Reduction Technology and Policy for Livestock and Poultry Breeding (SZTACCW) was held in THU on June 30.

Ministry of Environmental Protection (MEP) of China and Ministry for the Environment (MFE) of New Zealand co-sponsored SZTACCW. Center for Technology and Policy Research of Pollutants Control and Environmental Quality Improvement, Tsinghua

University and The Royal Agricultural Society of New Zealand also co-hosted this conference. More than 60 Delegates from China and New Zealand attended.

Professor Chen Lujun from SOE, Group Leader of Chinese Experts in the Sino-New Zealand pollutants reduction project for livestock and Poultry Breeding, delivered a brief introduction of the project and its achievements. This was a key project

in pollutants emission reduction cooperation between MEP and MFE. It aimed at improving the technology in controlling the waste discharge from livestock and poultry farms in China and completing the related management systems.

### Six Projects of MPWPCT Pass through Final Acceptance Work

**T**he Performance of Six Projects on Taihu Lake of Major Science and Technology Program for Water Pollution Control and Treatment (MPWPCT) were sequentially evaluated and tested by the Ministry of Housing and Urban-Rural Development (MHUD) of the People's Republic of China in Beijing and Changzhou on July 12~13 and July 16~18.

The appraisal groups checked 6 demonstration projects in Changzhou and Wuxi, reviewed the outcome

materials and heard the reports of all project leaders, including Professor Chen Jining, President of THU and the General Leader of Projects on Taihu Lake. The defense was approved by all appraisal group experts.

These six projects started in 2008. Research groups of these projects spent 3 years working on 42 key technologies covering areas of WWP improvement, wastewater advanced treatment and reuse, sewage sludge treatment and disposal, drainage

system optimization, eco-remediation of urban waters, safety management of urban water environment and water environment system planning. All projects totally achieved 22 sets of equipment, 67 patents, 159 published papers, 3 technological standards and 34 demonstration projects in Jiangsu province.

### Project of NKTP Passes through Final Acceptance Work

**T**he Department of Social Development (DSD) of the Ministry of Science and Technology of China (MST) organized the meeting of evaluation for the project of Development and Application of Cleaner Production and Circular Economy Key Technology in the National Key Technology Research and Development Program (NKTP) in Beijing on July 19.

Professor Chen Jining, President of THU and the Leader of the Project of Development and Application of Cleaner Production and Circular Economy Key Technology, delivered a summary report at the appraisal meeting. Mr. Sun Yongcheng, Deputy Director-General of DSD, Mr. Xu Jun, Chief of Division of Resources and Environment of DSD, Mr. Liu Quanzhi, Deputy Director-General of Department of Science, Technology and Standards of Ministry of Environmental Protection, and Mr. Bi Junsheng, Chief from the Department of Energy Conservation and Resources Utilization of Ministry of Industry and Information Technology, attended the appraisal. 14 appraisal group experts all approved the performance of projects, including Professor Zuo Tiejong, Professor Qian Yi, Professor Xu Bingshi and Professor Zhangyi, Academicians of Chinese Academy of Engineering,



Professor Duan Xue, Academician of Chinese Academy of Sciences, Mr. Feng Zhijun, Counselor of the State Council, and Mr. Wang Yangzu, the Chairman of China Association of Environmental Protection Industry.

This project mainly focused on cleaner productions, solid waste resource recovery and circular economy technology in more than 20 industries. After 5 years of work, 6 demonstration regions, 12 demonstration projects, 160 pilot production lines, 331 national patents and 6 international patents, 86 innovative products, 35 national standards and 31 career standards, 788 published papers and 24 published books were finished. As a result, it was awarded the second class prize for the above 12 projects for its scientific and technological achievements from the provincial level and the trade association.

### SOE Co-hosts the 7<sup>th</sup> International Conference on Waste Management and Technology



**T**he 7<sup>th</sup> International Conference on Waste Management and Technology (ICWMT) was held in Beijing on September 5~7.

Professor Hao Jiming, Academician of the Chinese Academy of Engineering and Director of the Environmental Science and Engineering Institute, chaired the steering committee and delivered the opening speech. Professor Qian Yi, Academician of the Chinese Academy of Engineering, also gave a report on circular economy. Professor Li Jinhui of SOE, Executive Secretary of BCCC China acted the Chair of the Conference.

Ms. Li Lei, Deputy Director-General of Department of Pollution Prevention and Control of the Ministry of Environment Protection, and Mr. Heidelore Fiedler, Official of UNEP, were present and delivered speeches. 48 experts gave reports covering areas of solid waste management, circular economy, urban mining, E-waste, urban waste, rural waste, dangerous waste, industrial waste, municipal solid waste and sewage sludge treatment. The proceeding of this conference contained

120 full-text papers from 30 national research institutions, and around 450 representatives from enterprises and the government attended the meeting.

The 7<sup>th</sup> ICWMT was co-sponsored by Tsinghua University, the National Center of Solid Waste Management, UNEP China Office and Stockholm Convention Regional Centre for Capacity-building and the Transfer of Technology in Asia and the Pacific, and was organized by the Society of Solid Waste of Chinese Society for Environmental Science and Basel Convention Coordinating Centre for Asia and the Pacific (BCCC China).

### Combined Meeting of the Advisory Committee of the PCBs Elimination Network Held in SOE

Combined Meeting of the Advisory Committee of the Polychlorinated Biphenyls (PCBs) Elimination Network (ACPEN) (Fourth Meeting) and of the Core Teams of the Thematic Groups was held in SOE on September 7~8.

The discussion issues covered the rights and duty, the activity, the work plan and the fund collection of the Polychlorinated Biphenyls Elimination Network (PEN). At its fourth meeting in May 2009, the Conference of the Parties to the Stockholm Convention made the decision to initiate the establishment of PEN to promote and facilitate information exchange to support the delivery of the obligations of the Stockholm Convention on the environmentally sound management of PCBs. Parties to PEN are obliged to help to eliminate equipment and oils containing PCBs from use by 2025. Nominated by MEP, Professor

Li Jinhui from SOE was elected as a member of ACPEN.

UNEP China Office, Stockholm Convention Regional Centre for Capacity-building and the Transfer of Technology in Asia and the Pacific (SCRC China) and Basel Convention Coordinating Centre for Asia and the Pacific (BCCC China) co-organized this meeting. Of the 16 attendees,

there were delegates from member countries of ACPEN, like China, Costa Rica, France, Germany, Iran, Rwanda, Slovakia and Sweden, and representatives from UNEP, UNIDO and the Secretariat of the Stockholm Convention. Officials from the department of International Cooperation of the Ministry of Environment Protection (MEP) were also present.



### RESD 2012 Starts in SOE

Regional Environment and Sustainable Development Certificate Program for Ph.D. candidates (RESD) among Japan, Korea and China began the THU part of courses in SOE on July 15~22.

9 Ph.D. students from THU, Tongji University(TJU), Kyoto University, Tohoku University, University of Tokyo and Korea Advanced Institute of Science and Technology



(KAIST) took part in this program. RESD was co-initiated by the above universities. Each university selects 2 to 3 Ph.D. candidate joining the program every year. Participants take courses in these universities over times periods of 5 sequential days for each and the program lasts one month. Students who eventually pass the exam shall receive certificates of the program co-issued by all above universities.

### Rudong Internship Base of SOE Inaugurated

The unveiling ceremony of the Rudong Internship Base of SOE for graduates was held in Rudong County, Jiangsu Province, on July 23.

Mr. Liu Jianguo firstly introduced the meaning and current situation of the internship base in Rudong, and afterwards signed the contract with Mr. Zhang Xulong. Mr. Yu Gang and Mr. Zhang Xulong jointly unveiled the base board.

Mr. Yu Gang, Dean of SOE, Mr. Liu Jianguo, Deputy Secretary of the SOE Committee of CPC, Mr. Ren Xinfeng, Standing Committee Member of Rudong County Committee of CPC and Director of Organization Department, Mr. Zhang Xulong, Vice Mayor of Rudong County, Mr. Xu Hongbin, Secretary of Rudong Economic Development Zone Committee of CPC, and Mr. Dai Weiwei, Mayor of Chahe Town in Rudong and Alumnus of SOE, were present at the ceremony. Mr. Zhang Jiong, Deputy Director of Organization Department of Rudong County and Director of Human Resource Office, presided over the ceremony. 6 graduate students from SOE also attended.

### EUMAP 2012 Opens

The opening ceremony of the Tsinghua-Veolia Environment and Urban Management Advanced Program (EUMAP) 2012 was held in SIEEB on September 21.

Professor Du Pengfei, the Secretary of SOE Committee of CPC, Mr. Lu Xiaojun, the Deputy Director of the Overseas Management Office of Scientific R&D of Tsinghua University, Ms. Zhang Hong, Veolia Environmental Services Asia Vice

President of Communication and Public Relations, and Ms. Chen Jieying, CFO of Veolia Environment Asia, were present and delivered speeches respectively. Also in attendance at the opening ceremony were 14 trainees from the local government, municipal, environmental and media enterprises.

Professor Du Pengfei introduced in his speech that early before the EUMAP, based on the common sense

of social responsibility, the SOE and Veolia Environment had cooperation on the training in environment and sustainable urban development. After a decade of work, nearly 100 environmental protection and urban construction officials from more than 30 provinces and cities around China have participated in the training. The first EUMAP began in 2009 and this is the fourth one.

### Griffith University President Visits SOE

On September 21, President of Griffith University, Professor Ian O' Connor visited Tsinghua University.

Mr. Deng Wei, Deputy Director of Senior Executive Committee of Tsinghua University, received the visiting group from Griffith University. Mr. Deng delivered a welcoming speech and introduced the former cooperation between the two universities at the reception. Professor Ian O' Connor gave a brief introduction of Griffith University. Both sides discussed future collaborative affairs in the meeting.

After the reception, Professor Ian O' Connor paid a visit to SOE and had talks with Professor Du Pengfei, the Secretary of SOE Committee of CPC. The meeting closed with the signing of a Memorandum of Understanding (MOU) between the Tsinghua SOE and the Griffith SOE.



### Tsinghua Co-hosts the 27th China Adolescents Science & Technology Innovation Contest

The Award Ceremony of the 27th China Adolescents Science & Technology Innovation Contest (CASTIC) was held in Yin Chuan, Ningxia Province on August 14.

10 entries from 9 provinces or Autonomous Regions gained the "THU Adolescent Environmental-friendly Science & Technology Innovative Award". Mr. Liu Jianguo, Deputy Secretary of the SOE Committee of CPC, granted the award to the winners.

CASTIC is sponsored by the China Association for Science and Technology (CAST), Ministry of Education, Ministry of Science and Technology, Ministry of Environment Protection, General Administration of Sports, Central Committee of the Communist Young League, All-China Women's Federation, National Natural Science Fund Committee and governments. THU cooperated with CAST on this competition since 2009. Winners shall take priority in taking part in the SRT (Student Research Training) program and Global Environmental Leadership Program if they plan to study at SOE, Tsinghua University.

### Award Ceremony of the 7<sup>th</sup> TEST Competition Held

On September 14<sup>th</sup>, SOE holds the award ceremony of the 7<sup>th</sup> Tsinghua Environmental-Friendly Science & Technology Competition (TEST) in SIEEB.

A senior student of SOE, Sun Yuchi, won the first prize for object innovation with his works of Android Platform for personal carbon footprint calculation. GUO Haijun from East China Normal University won the first prize for theoretical innovation with his works of "Dynamic 3D Green Value-An Urban Greenbelt Eco-evaluation Model Based on Personal Benefits". 12 from 130 entries obtained different levels of prizes. Representatives from SOE, School of Environmental and Civil Engineering of Xi'an University of Architecture and Technology, and Hach Co., Ltd. were present.

This competition aims at advocating the concepts of

energy conservation and environmental protection, as well as encouraging university students to participate in the construction of energy-saving and environmentally-friendly society with innovative technological ideas. In this competition, the total number of entries and the proportion of object entries both reached record levels.

