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SOE Alumnus Duan Ning Elected Academician of CAE

The Chinese Academy of Engineering (CAE) published the list of 54 new elected academicians of 9 academic divisions on December 8, making the total number 783. Duan Ning, 1981 alumnus of the School of Environment (SOE), Tsinghua University was included.

Duan Ning, new member of the academic division of Environment and Textile Engineering, got his Master's degree from SOE, Tsinghua University and is now the Vice Presi-

dent of the Clean Production Center of the Chinese Research Academy of Environmental Science.

The other 5 elected alumni from Tsinghua University were Li Tianchu, Tan Tianwei, Xu Mi, Gong Xiaonan, and Zheng Jingchen.

**The Reform and Development Seminar of SOE 2011 Held**

The Reform and Development Seminar of SOE 2011 was held from November 26 to 27. More than 80 faculty members from SOE attended the seminar. Dean of SOE Yu Gang, Vice Dean of SOE Zuo Jiane and Vice Secretary of SOE Committee of the CPC Liu Wenjun each made a report on the 3 important reforms and development work, including SOE's 12th Five Year Plan, measures to strengthen personnel training and measures for talents introduction and training. The reports analyzed the status quo, challenges and opportunities of SOE, proposed development objectives during the "12th Five Year Plan" and introduced the work plans and programs for personnel training and team building. Participating

teachers discussed the thematic reports in group and proposed a series of constructive recommendations on the three themes. The seminar cleared the recent and mid-term development goals of SOE for the SOE teachers, improved the work plans and reached a consensus for the reform program, which is of great importance.

**Academician Hao Jiming of SOE Awarded Medal as the 4th CCICED Member**

China Council member for International Cooperation on Environment and Development (CCICED) 2011 Annual General Meeting and 20th Anniversary Open Forum was held on November 15-17 at the Diaoyutai State Guesthouse, Beijing. Li Keqiang, member of the Standing Committee of the Political Bureau of CPC Central Committee, Vice Premier of the State Council, Chairman of CCICED, attended the ceremony and gave an address. Academician Hao Jiming from SOE was awarded a medal, as the representative of the Chinese member of the 4th CCICED. The prize was to honor the members of CCICED for the contributions that they had

made for the Chinese environmental development.

CCICED is a high level, non-profit international advisory body established upon the approval of the Chinese



Government in 1992. CCICED has become an important place for the opening of Chinese environment to the outside world and an important platform for the Chinese and foreign

environmental communication and cooperation. With re-election of CCICED members once every five years, CCICED is composed of 40-50 Chinese and International Council

Members during each phase. The Chinese government has approved the Fourth Phase of CCICED (2007-2011).

Prof. Hu Hongying awarded National Excellent Teacher

According to the decision issued recently to award the 6th National Excellent Teacher of Higher Education by the Ministry of Education, Prof. Hu Hongying with SOE, Tsinghua University was awarded the National 6th Excellent Teacher of Higher Education. Prof. Li Junfeng from School of Aerospace also received the prize.

The National Excellent Teacher of Higher Education started in 2003. 100

teachers have been awarded every year since then. 3 teachers from SOE have been awarded the prize, which

takes one-fifth of the total number of teachers awarded in Tsinghua University.



Prof. Zhang Xiaojian awarded 2011 Leading Economic Figure

Award ceremony of 2011 Leading Economic figures / business / cities in China jointly organized by nine media subordinated to Xinhua News Agency was held in the Great Hall on November 19. The theme of the event was "Green Movement", which means taking green action to establish a model for China's green development, and promoting comprehensive, coordinated and sustainable development. Prof. Zhang Xiaojian from the School of

Environment (SOE) was awarded the title of 2011 Leading Economic Figure.

The nominating committee awarded Prof. Zhang Xiaojian on the grounds that: "He is the first self trained Ph. D. in China in the field of environmental engineering. He has his own insights for some strategic problems in China, including the sustainable development of water resources, protection of water environment and

water industry.

He actively participates in the protection of China's water environment and the formation

of water industry and technology development strategy. He successfully organized a number of emergency water supply projects for water pollution emergencies and is hailed as the Master of Watercontrol."



Academician HaoJiming Awarded Beijing High Morality Prize

The 2011 General Assembly of Beijing High Morality Prize Committee was held in Beijing on Jan 5. Li Shixiang, Standing Committee

and Secretary of Beijing Municipal Party Committee and Deputy Director-General of Beijing High Morality Prize Committee, declared

the list of Beijing High Morality Prize, which is sponsored by Beijing Municipal Publicity Department, Beijing High Morality Prize Committee

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Office and the Beijing Municipal Human Resources and Social Security Bureau. Academician Hao Jiming from SOE received the prize.

Hao Jiming was elected as Member of Chinese Academy of Engineering in 2005. His research mainly focuses on Air Pollution Control Engineering. Currently, he is the leader of the National Acid Rain Control Plan and Countermeasure. For example, he suggested the designated control areas for Acid Rain and Sulfur Dioxide reduction, and it was accepted and implemented by the State Council and played a leading role to determine China's acid rain control measures. Moreover, he established a plan for city motor vehicle pollution control, which aims to promote China's motor vehicle pollution control process worldwide. His research interests also include the study of characteristics, causes and control strategy of atmospheric compound pollution, and he further developed the theory and solution

for air quality improvement in large cities. As a leading expert, he led the team which is responsible for Air Quality Protection Measures for the 29th Olympic Games in Beijing. Due to his hard work in environmental research and teaching, he has won more than ten national prizes and awards, including the 1st prize of National Science and Technology Progress, 2nd prize of Natural Science of China, four times the 1st prize of ministerial Science and Technology Progress, and twice the 1st prize of National Higher Education Teaching Achievement. Furthermore, he published a number of books, including Air Pollution Control Engineering, Handbook of Coal Sulfur Dioxide Pollution Control Technology, Critical Loads of Acid Deposition and its Application, Pollution Control of City Vehicle emissions, Physical and Chemical Features of Respirable Particles from Combustion Sources, etc.

South-China Alumni Association of SOE Established in Shenzhen

South-China Alumni Association of SOE was established in Shenzhen on Dec 24. Zhang Jinsong, Chief Engineer of Shenzhen Water Group who graduated from SOE in 1981, was selected as the first president.

Of those who attended, included Guo Liang, Secretary-General of Tsinghua University Alumni Association, Lie Zengbiao, Vice President and Secretary-General of Tsinghua University Guangzhou Alumni Association, Yan Shugang, Secretary-General of Tsinghua University Shenzhen Alumni Association, Zhao Qinggang, Secretary of Tsinghua University Graduate School At Shenzhen(TGSS) Committee of CPC, Jing Wenyong, the first Department head of Department of Environmental Engineering, Yu Gang, Dean of SOE, Du Pengfei,

Secretary of SOE of CPC Committee, Hu Hongying, Vice Dean of TGSS, ZuoJian'e, Vice Dean of SOE and Liu Jianguo, Deputy Secretary of the SOE CPC Committee. Nearly 180 alumni of SOE presented in the ceremony.

South-China Alumni Association of SOE is comprised of alumni of SOE and former DESE, who work in the region of South China and alumni of THU, who's career related to environmental protection in that region. It aims to strengthen communication between alumni of SOE or those who have something to do with SOE in the region of South China. This is the second local alumni association of SOE after East China Alumni Association of SOE established.



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All Sub-topics of WPCT program at Taihu Lake Sails through Final Acceptance Work

The acceptance meeting of the National Major Science and Technology Program for Water Pollution Control and Treatment (WPCT program) "River Network around the Taihu Lake: The Area of Urban Water Environment Improvement Technology" was held at the Xijiao Hotel in Beijing on October 17. The total 32 sub-topics of the six projects in the program sailed through the final acceptance.

Of the 12 experts who attended the meeting there was Hang Shijun from Beijing the General Municipal Engineering Design & Research Institute, Song Xutong from China Urban Construction Design & Research Institute,

and Xie Yingxia from China Academy of Urban Planning & Design. They spoke highly of the sub-topics for solving the major difficulties and breaking through some key bottlenecks in water pollution control and treatment, which laid an important technical foundation for future development of

WPCT programs in the period of the "12th Five Year Plan". Representatives from the WPCT program Office of Ministry of Housing and Urban-Rural Development, and Tsinghua Office of Scientific R&D also attended the meeting, which was hosted by Vice Dean of SOE Duan Lei.



A Course of SOE Granted Tsinghua's Excellent

The graduate course "Civil and Environmental Engineering: Practice and Case Study (1)", which Professor Zuo Jiane of SOE teaches, was selected as Tsinghua Univer-

sity's Excellent Course on September 29 during the University's first administration meeting of the school year 2011~2012.

The "Advanced Water Treatment Engineering", which Professor Zhang Xiaojian of SOE teaches has passed the periodically review at the same meeting.

Teachers of SOE Attend the 10th Meeting of the Conference of the Parties to the "Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and Their Disposal"

The 10th Meeting of the Conference of the Parties to the "Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and Their Disposal" was held in Cartagena, Colombia from October 17 to 21. Four teachers of SOE from the Basel Convention Coordinating Center for Asia and the Pacific

(BCRC China) attended the meeting as members of Chinese delegation led by the Ministry of Environmental Protection (MEP) and formed by the Ministry of Foreign Affairs (MFA), Ministry of Transport (MOT). More than 400 representatives from 116 countries, international organizations and other institutions also attended

the meeting. Centering on the theme of "Prevention, minimization and recovery of wastes", the attendees discussed 20 different topics and adopted 26 resolutions including the new strategic work, regional and coordinating centers, and technical guidelines. They also planned for the future development and short-term

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tasks of the Basel Convention.

A side event with the theme of “Experiences in environmentally sound management of e-waste in Africa and Asia-Pacific” was organized by BCRC China and Secretariat of Basel Convention (SBC), commissioned by MEP. The side event aimed at sharing the practice of e-waste sound management in China by BCRC. More than 150 officials and experts from different countries participated in the side event. The concept of “best available techniques and best environmental practices” regarding e-waste and the related demonstration projects by BCRC China won the attention of many delegates. During the meeting, BCRC China presented the development course, human resources and work on environmental management of hazardous waste and e-waste of the Center in its exhibition booths.

The 3rd Sino-Korean POPs Seminar Held

Jointly sponsored by the National Natural Science Foundation of China, the Korean Science and Engineering Foundation, Persistent Organic Pollutants (POPs) Research Center in Tsinghua University (THU) and School of Environmental Engineering in Pohang University of Science and Technology (POSTECH), the 3rd Sino-Korean Seminar on Persistent Organic Pollutants (POPs) was held on Jeju Island in Korea from Sep 29 - 30. Yu Gang, the dean of SOE and the Chief of the Persistent Organic Pollutants (POPs) Research Center in Tsinghua University, presented a keynote address as a Chinese organizer and the seminar co-chair. About 30 academic reports were delivered in four main research fields as the analysis and environmental status, the environmental behavior and risk, the disposal and remediation and the policies and strategies of Stockholm Convention controlled substances and a broad sense of POPs substances. Many global, regional

and national issues underwent further discussion. More than 40 representatives from THU, Peking University, Zhejiang University, and the Chinese Academy of Sciences, POSTECH, Seoul National University and Pusan National University attended this seminar.



POPs are becoming hot global environmental issues. The Stockholm Convention on Persistent Organic Pollutants, which was signed in 2001 and put into practice in 2004, first mobilized people to take action of eliminating POPs like dioxin and DDT. There are 172 countries that have joined the Stockholm Convention up till now, including China and Korea. These two countries have made great efforts to investigate the POPs list, draft the national implementation plan, develop the scientific and technological research and strengthen public communication and education.

and national issues underwent further discussion. More than 40 representatives from THU, Peking University, Zhejiang University, and the Chinese Academy of Sciences, POSTECH, Seoul National University and Pusan National University attended this seminar.

Regional Training for Asia-Pacific PACE Held

From December 2-3, the Asia-Pacific Regional Training for Partnership of Action on Computer Equipment (PACE) organized by United Nations Environment Program (UNEP) Basel Convention Coordinating Center for Asia and the Pacific, the School of Environment (SOE),

Tsinghua University was held in Shenzhen. The regional training was funded by the Basel Convention Secretariat. Its aim was to pass on the technical guidelines related to the environmental sound management of waste computer equipment to the developing countries and other coun-

tries with economies in transition in the region, enhance the communication and learning and promote the environmental sound management level of waste computer equipment in the regions and countries.

Executive secretary of the Basel Convention Coordinating Center for Asia and the Pacific, the School of Environment, Professor Li Jinhui made an opening speech at the training and introduced the background of the technical guidelines formulated by the PACE working group and the purpose of the meeting. Government

representatives in charge of e-waste from 10 Asia-Pacific countries, including China, Thailand and Malaysia and more than 30 representatives from e-waste disposal companies and research institutions attended the meeting.

The meeting is the first global conference on regional training of PACE technical guidelines. It will contribute to the environmental sound management of e-waste in the countries and the understanding of the technical guidelines.



The 1st Environmental Microbial Utilization and Safety Control Symposium Held

On December 2, the opening ceremony of "The 1st Environmental Microbial Utilization and Safety Control Symposium" was held in the School of Environment (SOE), Tsinghua University. Director of State Key Laboratory for Microbial Utilization for Environmental Protection and Safety Control (SKLMUEPSC) Prof. Hu Hongying delivered an opening speech on behalf of the State Key Laboratory. More than 110 experts and scholars from 33 domestic and foreign institutions including the Chinese Research Academy of Environ-

mental Science, Tsinghua University, Nankai University, Nanjing University and Nanyang Technological University participated in the conference.

The conference lasted for 2 days and the participating experts and scholars discussed the topics covering the pollutant toxicity testing and risk assessment, contaminant biodegradation mechanism and regulation, environmental microbiology resource development and pollution control, hazardous environmental microbial control theory and technologies and

so on. Dean of the Chinese Research Academy of Environmental Science, Academician Meng Wei, Director of Division of Science and Technology, the Ministry of Environmental Protection Yu Jun, Director of Office of Research Organization Management, Office of Scientific Research & Development, Tsinghua University Zhen Shuning, Dean of School of Environment (SOE) Yu Gang, Secretary of School of Life Sciences Committee of the CPC Prof. Chen Yinghua attended the conference.

Academic Committee of SKLMUEPSC Established

The Academic Committee of State Key Laboratory for Microbial Utilization for Environmental Protection and Safety Control (SKLMUEPSC) was established on December 3. SKLMUEPSC is a key laboratory approved by the Ministry

of Environmental Protection (MEP) in March, 2011 and established on the base on the School of Environment (SOE), Tsinghua University. At the conference, Director of Division of Science and Technology, Ministry of Environmental Protection Yu Jun

made a speech to congratulate the establishment of the Academic Committee of the Key Laboratory, affirmed the importance of microbial utilization for environmental protection and its safety control and has high expectations for the Key Laboratory.

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Vice Secretary of SOE Committee of the CPC Liu Wenjun chaired the conference.

15 well-known experts in the field of environmental microbiology in China, including Academician Meng Wei, Vice president of Xi'an University of Architecture and Technology Prof. Wang Xiaochang, Prof. Cheng Shupe from Nanjing University were elected as members of the Academic

Committee. Academician Meng Wei was selected as the director of the Academic Committee. Then Academician Meng Wei made a report entitled "Problems of Water Pollution in China and the control strategies" to clear the development direction of water environment in China and provided some advice for the development of the Key Laboratory.

The 2011 Asian Network Symposium for Preventing the Illegal Transboundary Movement of Hazardous Wastes Held

From November 29 to December 1, 2011 Asian Network Symposium for Preventing the Illegal Trans-boundary Movement of Hazardous Wastes supported by the Ministry of Environmental Protection (MEP) was held in Shenzhen. It was organized by the Basel Convention Coordinating Center for Asia and the Pacific and the Japanese Environmental Ministry. 37 representatives attended the symposium, including representatives from the Basel Convention contact point in 12 countries, regions and representatives from related international organizations, the Secretariat of Basel Convention and Basel Convention Center for South-east Asia.

Inspector of MEP Division of Pollution Prevention Li Xinming, Yoshida from Division of Waste Management and Recycling of Japanese Ministry of Environment, Secretary of the Basel Convention Coordinating Center Prof. Li Jinhui attended the opening ceremony and made the opening speech. Participants discussed the issues covering the national laws and experience of progress in the performance of the Basel Convention, result of sharing of the 10th Meeting of the Conference of the Parties to the Basel Convention, current situation of the recycling and disposal of haz-

ardous and the environmental sound management in Asian countries, cooperation of Asian networks and other regional networks and so on.

The Asian network symposium to prevent the illegal trans-boundary movement of hazardous wastes is an informal information exchange platform hosted by the Japanese Ministry of Environment and funded by Japan. The secretariat was established and is now responsible for organizing activities. Since 2003, symposiums have been organized every year. Environmental authorities in Asian countries and relevant international organizations were invited to participate.



Prof. Zuo Jiane of SOE Chairs the 6th Seminar on MEE Training

The 6th Seminar on Masters of Environmental Engineering (MEE) Training, sponsored by the China National Collaborative Group of Masters of Engineering of Environmental Engineering, a subdivision of the China National Steering Committee of Professional Education of Masters of Engineering (SCME), was held in Yixing, Jiangsu on October 19-21.

Hu Yong, Vice Dean of the College of Environmental Science and Engineering, South China University of Technology is the group leader and ZuoJiane, Vice Dean of SOE, Tsinghua University, is the deputy leader of this group. Experts from many famous universities around China took part in this seminar and discussed issues regarding full-time professional masters and part-time professional

masters training and future opportunities and challenges. Prof. ZuoJiane introduced the training experience of the Masters of Environmental Engi-

neering of SOE through the example of Sino-French Advanced Master Program in Environmental Energy Management. SOE has enrolled in

full-time professional masters of Environmental Engineering since 2009 at Graduate School at Shenzhen, Tsinghua University.

Chai Zhifang Delivers Report at the Environmental Forum

SOE holds the 28th Environmental Forum on Oct 23. Prof. Chai Zhifang, CAS Academician from the Institute of High Energy Physics (IHEP), was invited to the forum and delivered a report entitled, "Present status and future perspectives of environmental radiochemistry".

At the opening of the report, Prof. Chai Zhifang explained the definition of environmental radiochemical and introduced several related research hotspots including environmental in-

dicators, low-dose irradiation, natural radioactive substances, formation of radionuclide and radioactive waste chemistry. He also cited cases of application of Uranium-238, cesium-137 and thorium -234 as environmental indicators and discussed the function of low-dose irradiation and the future of nuclear energy development after several world famous nuclear accidents.

Prof. Chai Zhifang was awarded the first and second CAS award for natu-

ral sciences and received the George von Hevesy Prize in 2005 which is the top international prize in the field of Radiation Analytical Chemistry and Nuclear chemistry.

Prof. Wang Hongtao, member of the Academician Committee of Tsinghua University, presided over this forum. Prof. Yu Gang, Dean of SOE, Prof. Wang Yi from Division of Solid Waste Management & Recycling and around 50 students attended the forum.

Textbook Compiled by Teachers of SOE Selected 2011 Quality Textbooks of Regular Higher Education

Recently, the Ministry of Education (MOE) released the list of 2011 quality textbooks for regular higher education. 276 textbooks in China were selected as 2011 high quality textbooks for regular higher education and among them Air Pollution Control Engineering (3rd Edition) edited by Academician Hao

Jiming and Associate professor Wang Shuxiao was included. In addition, 10 textbooks compiled by Tsinghua University teachers were also in the list.

In the successive year of 2007, 2008, 2009 and 2011, MOE carried out an assessment for the published "the 11th five year plan" textbooks of regu-

lar higher education and 995 textbooks in total were selected as quality textbooks. Among them, 44 textbooks compiled by Tsinghua University teachers were selected.



Jonathan Pleim Delivers Speech in SOE

SOE held the 65th Environmental Forum on Dec 12. Dr. Jonathan Pleim, Chief of the Atmospheric Model Development Branch (AMDB) of USEPA, was invited to deliver an academic report named "2-way Coupled

WRF-CMAQ Modeling for Hemispheric to Mesoscale to Urban Scale Air Quality Modeling", in which he introduced the framework, mechanism and application of new WRF-CMAQ Model developed by AMDB. Prof. Hao Jiming,

Member of Chinese Academy of Engineering, and more than 20 graduate students attended this salon.

WRF-CMAQ is a two-way coupled atmospheric dynamics-chemistry

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model. In order to make the model more applicable to real current situation, it includes the consideration of the impact of aerosol on shortwave, long-wave, rain and clouds and that of ozone on long-wave. Dr. Pleimis committed himself

to the research of the interaction between air pollution and the weather and the climate. His work focuses on models of MM5, WRF, ADOM, RADM and CMAQ.

SOE Co-host the 5th National Seminar on Construction Issues of Environment Discipline

The 5th National Seminar on Construction Issues of Environment Discipline was held in Tianjin from Dec 17 to 18. The seminar was co-hosted by School of Environment, Tsinghua University (SOE) and School of Environmental Science and Engineering (SESE), Tianjin University (TJU). Liu Zhidong, Vice president of TJU, delivered a welcoming speech. Yu Gang, Dean of SOE, and Chen Guanyi, Dean of SESE, co-presided over the seminar. Deans of School of Environment from 16 national key universities attended.

The topic of this seminar is “the significance, task and measures of constructing the world first-class environment discipline”. All attendees reviewed the history of the development of environment discipline in China and analyzed main jobs for future construction. It was at last regarded as the key way of building the world first-class discipline that strengthening cooperation on personnel training, scientific research, social services and such like among all universities.

Academician Steven Lindow Delivers Report in SOE

The 30th Environmental Forum was held in SIEEB on Jan 4. Steven Lindow, a member of American Academy of Science and professor of University of California at Berkeley, was invited to give a report named “Interactions between microbes and the plants on which they live” at Room 533. Duan Lei, Vice Dean of SOE, presided over the lecture.

Prof. Lindow’s research area focuses on Interactions between microbes and the plants on which they live, especially on the realm of Phyllosphere microbiology. He also does research on survival strategies, pathology and applied ecology. He has a few papers published on top

journals like Science and PNAS and received many fundamental and applied scientific awards like Ruth Allen, CIBA/GEIGY and P&G.

In the report, He introduced microbes’ (mainly bacteria) circular movement between leaf surface, air and clouds, their dual function on plants and the method of utilizing bacteria to control plant diseases and reduce frost. Furthermore, He shared his detection way of using green fluorescent protein as a kind of biological factors and research findings about cell immigrant and quorum sensing. He had a discussion with the attending students at the end of the forum.

Project of Key Laboratory for SWMES Sails through Final Acceptance Work

Project of Key Laboratory for Solid Waste Management and Environment Safety, Ministry of Education of China (SWMES) sailed through final acceptance work on Dec 29.

Ming Mei, Director of Office of Fundament, Department of Science and Technology, Ministry of Education, Zhen Shuning, Director of Office of Scientific R&D, Tsinghua University, and Prof. Yu Gang, Dean of SOE, respectively addressed on behalf of Ministry of Education, Tsinghua University and SOE. Prof. Nie Yongfeng, Director of SWMES, made a report on the project at the meeting. Prof. Duan Lei, Vice Dean of SOE, Prof. Jiang Jianguo, Vice Dean of SOE and other

main members of SWMES also attended.

SWMES was approved to establish in Jan, 2009 and passed the demonstration of construction in May, 2009. Prof. Nie Yongfeng introduced the construction and administration situation of SWMES in recent two years and concluded the outcome of technology research and industry, personnel training and academic communication. Director Ming Mei and experts from Chinese Research Academy of Environmental Sciences evaluated the achievements of SWMES and gave the suggestion for further development of SWMES.

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Leaders of Anhui Polytechnic University Visit

On November 2, Dean of SOE Yu Gang, Secretary of CPC Committee of SOE Du Pengfei, Vice Dean of SOE Zuo Jiame and Vice Secretary Liu Jianguo met with Chen Qigong, Secretary of CPC Committee of Anhui Polytechnic University

(APU) and 3 other leaders. Yu Gang and Chen Qigong introduced the recent developments of SOE and APU respectively, and discussed faculty development, young teachers training, innovation and creativity of students, cooperation with companies and

research institutions, discipline building and laboratory promotion. Chen hoped to cooperate with SOE in education and research through people-to-people exchange.

2011 Tsinghua – Veolia EUMAP Launches

The Opening ceremony of 2011 Seminar of Tsinghua – Veolia “Environmental and Urban Management Advanced Project” (EUMAP) was held in SIEEB on November 12. Academician Qian Yi, Dean of School of Environment (SOE) Yu Gang, Director of Overseas Projects Office of Scientific Research & Development of Tsinghua University Ma Jun, and CEO of Veolia Environmental Service Asian Region Luc Zeller attended the ceremony and each presented a speech. 12 student members from the municipal environmental protection department of 9 provinces such as Beijing, Liaoning, Guangdong and Shanxi took part in the ceremony. Secretary of SOE Committee of the CPC Du Pengfei presided over the ceremony.

2011 EUMAP will last for 9 days. During the project, courses and vis-

its from Nov, 12 to 13 will be held in SOE and from 14 to 20 held in Paris. Courses in SOE include some hot topics such as urban ecological civilization, environmental safety, urban sewage and waste disposal, emission reduction in the “12th five year plan”, low carbon economy and protection strategy of China’s major environmental areas. Courses will be given by Academician Qian Yi, Professor Chen Jining, Professor Yu Gang from Tsinghua University, Inspector

Zhang Yue from the Ministry of Housing and Urban-Rural Development (MOHURD), Vice-deputy Liu Bingjiang and Professor Zhang Kunming from the Ministry of Environmental Protection (MEP). Courses in France include environmental research, water management, waste disposal and other topics. Participants will also mainly visit advanced wastewater treatment plants and waste treatment plants in France.



THU and NTU Co-host Forum for Deans of School of Environment across the Strait

The 1st forum for Deans of school of environment in universities

across Taiwan straits, jointly sponsored and co-hosted by the School

of Environment, Tsinghua University (THU) and the Graduate Institute of

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Environmental Engineering, National Taiwan University (NTU), was held in NTU on October 28-30, 2011.

This forum was initiated aiming at promoting the development of the two schools of environment in universities. The theme this year was "Personnel training mode and core courses in the field of environmental protection". Attendees introduced respectively the development history and characteristics of their environmental disciplines and

the personnel training target on account of both the goal of school study and the social needs. Reports on basic and professional curriculum provision and ways of students' evaluation and incentive were also given. After hearty discussion regarding the way of discipline development and cooperation, all reached an agreement on curriculum development, student exchanges, encourage and rewards, etc. The 2nd forum shall be held in THU next year.

SOE and Hach Sign Cooperation Agreement of the 3rd Phase

The signing ceremony for the 3rd period (2011-2015) of cooperation between the School of Environment, Tsinghua University (SOE) and Hach was held in the SIEBB on December 2. The director of Overseas Projects Office of Scientific Research & Development of Tsinghua University Ma Jun, Dean of the School of Environment (SOE) Yu Gang, Senior Vice President of Hach Asian Pacific Region Zhou Dexiang signed the cooperation agreement.



Dean of SOE Yu Gang and Senior Vice President of Hach Asian Pacific Region Zhou Dexiang reviewed the cooperation between the two parties in the past decade. Cooperation between SOE and Hach started in 2001, following the idea of "Combined Strengths, Complement each other, and Mutual Benefiting". Through the cooperation during the 1st phase (2001-2005) and the 2nd phase (2006-2010), the two sides carried out lots of efficient work in the construction of water quality laboratory monitoring, professional personnel training on environmental protection and social services, thus promoting the development of both sides and bringing good results to the environment and society.

During the 10th Anniversary of the successful cooperation between the School of Environment, Tsinghua University and Hach, the two sides signed a cooperation agreement for the 3rd phase (2011-2015) in 2011. Based on the current cooperation, they will continue to carry out work including the construction of water quality monitoring joint

laboratories, set up SOE- Hach Scholarship, offering sponsorships for Tsinghua Environment-friendly Science & Technology Competition, and fund Environmental and Urban Sustainable Development Advanced Projects. Meanwhile they will start some joint research projects for water monitoring and develop some water quality monitoring techniques and equipment suitable for China and some other developing countries.

Wang Changyuan, the Deputy Secretary-General of Association of China Mayors, the Ministry of Housing and Urban-Rural Development (MOHURD), Wang Yeyao, Vice Chief of China environmental monitoring station, the Ministry of Environmental Protection (MEP), Tong Qingyuan, Vice President of Beijing Tsinghua Urban Planning & Design Institute, Huang Jiye, Vice President of Hach China Sales, Lin Yiyao, Director of Hach Asian Pacific Market, Liu Wenjun, Liu Jianguo, Vice Secretaries of SOE Committee of the CPC attended the signing ceremony. The assistant to the Dean of SOE Liu Shuming hosted the ceremony.

SOE Signed Agreement with CAEP

SOE signed cooperative agreement with Chinese Academy for Environmental Planning (CAEP) on Dec 27. It symbolized the strategic cooperation between SOE and CAEP on personnel training, scientific research, academic resources and suchlike.

The ceremony was presided over by Duan Lei, Vice Dean of SOE. Yu Gang, Dean of SOE and Hong Yaxiong, President of CAEP, delivered speeches respectively and signed the agreement on behalf of either side. Prof. Hao Jiming, Academician of Chinese Academy of Engineering, attended this signing ceremony.

In the ceremony, both sides expressed the will of strengthening the cooperation and creativity on engineering technology, management policy and practice, methodology and scientific research facilities. Wang Jinnan, Wu Shunze and Lu Jun, Vice

presidents of CAEP, Du Pengfei, Secretary of SOE Committee of CPC, Zuo Jian'e Vice Dean of SOE, Liu Wenjun and Liu Jianguo, Vice Secretary of SOE Committee of CPC, also attended the ceremony.



The Unveiling Ceremony of the TTPCSCI Held

The Unveiling Ceremony of Technology Transfer Promotion Centre for Stockholm Convention Implementation (TTPCSCI) was held in SIEEB on Dec 29, which is an important event of the global environment facility project "strengthening institutions, regulations and enforcement capacities for effective and efficient implementation of the national implementation plan (NIP) in China"

Mr. Yu Lifeng, Deputy Director-general of Foreign Economic Cooperation Office, Ministry of Environment Protection (FECO), and Ms. Liang Dan, Senior Consultant of United Nations Industrial Development Organization (UNIDO), attended the ceremony and respectively delivered speeches on behalf of the nation of CPCSCI and International executing agency. SOE and CSD (Beijing) Environmental

Protection Development Co., Ltd. (CEPD) sponsored the foundation of the center. Yu Gang, Dean of SOE and Xu Guodong, Chairman of CEPD introduced the progress of construction and the future plan of the center.

This center was initiated by CPCSCI in order to select out proper key technologies for controlling the amount of POPs in China, to overcome obstacles in the transfer of technology,

to promote the cooperation between both sides of supply and demand and to guarantee realizing National Implementation Project (NIP). SOE and CEPD took responsibility to build this center. It aims to complete more than two successful real cases of the transfer of technology and seek the mechanism of the sustainable transfer of technology.



Student Development

Two Undergraduate Dissertations Awarded National Prize

In August, the undergraduate dissertations of Shu Yuanyuan and Zhao Jian of SOE respectively won the National Prize for Excellent Dissertation and S&R Innovation Program at the second session of the 5th Conference of Deans in Water & Wastewater Engineering Institutes in Guilin.

The dissertation entitled, "Degradation of Amine-Based Chemicals during Disinfection as N-Nitrosodimethylamine (NDMA) Precursors" by Shu Yuanyuan won the "Lisheng Cup-National Excellent Undergraduate Dissertation of Water & Wastewater Engineering Prize". The graduation design of "Nitrification-Anammox Process for complete auto-

trophic ammonium removal" by Zhao Jian was granted the "China Water & Wastewater Cup-National Excellent S&R Innovation Program".

The two prizes, established by the National Advisory Committee of Water & Wastewater Engineering Major of Institutes of Higher Education in 2007, awarded 15 excellent dissertations and 10 scientific programs once every two years. The undergraduate dissertations of Zhang Cheqiong and Nie Xuebiao of SOE respectively won the Excellent Dissertation Prize in 2007 and 2009.

Vernon L. Snoeyink: How can I be a good graduate student?

How should I plan graduate study and manage my time? How can I get along with supervisors? And how many papers are reasonable for a Ph. D candidate to publish?

Vernon L. Snoeyink, a member of American Academy of Engineering and professor emeritus of University of Illinois at Urbana-Champaign, was invited to an information session at meeting Room 705 on Oct. 25, to give his opinions on graduate research to nearly 20 student representatives of SOE.

Professor Snoeyink first shared his perspective of what makes a good graduate student. He said students who excel always had the ability to critically assess their own research and to develop their own opinions of the best next steps to take, while students who do only what others tell them to do could do good research but would not excel. To foster critical thinking, the first step is to not believe everything printed in journals. And when we write our own journal papers, we should make sure the papers are worth reading and will be good for our own reputation. When asked how he planned his life, professor smiled and said his life had not been going the way he first expected. And life was about always trying and finding yourself, and doing what you like eventually. As in the field of research, he also chose what he liked and what was within his strength.

The professor also gave his opinion on how to maintain a good relationship with one's supervisor. He thought the best relationship should be a win-win one, in which each made good contributions to the research direction. If the supervisor and the student have personality differences, they should put their differences aside and focus on their joint research. But if their relationship is really not good, perhaps the student should stop at a master's degree and look for other alternatives. In China one problem that gets in the way of the relationship, some students thought, was that graduate students had to do many extra routine tasks for their supervisors, which resulted in them not being able to focus on their research. The professor said he thought this was because the academic institutes were almost the only institutes that could offer technical support to the enterprises in China. But he thought this would change as the environmental consulting industry in China developed.

Some students feared that Chinese students, as one minor ethnical group, might not adapt to the new environment in US very easily. Snoeyink said Chinese students were no longer a minority group in US, and that diversity has greatly increased. Most of the Chinese students in environmental engineering and science at the University of Illinois have no problems integrating with other ethnic groups.

Professor Snoeyink Speaks to the Freshmen of SOE

Vernon L. Snoeyink, professor of the University of Illinois, Academician of the American Academy of Engineering, delivered a speech to more than 70 freshmen of SOE on October 31. Vice Secretary of SOE Committee of the CPC Liu Jianguo presided over the meeting.

Prof. Snoeyink introduced the problems of drinking water in the U.S. and asked participants to discuss two questions. First, since the U.S. water system has been used for many years and is supplying direct drinking water now, is it necessary to continue?

Secondly, is it necessary in China to make the tap water drinkable? A lively discussion ensued regarding the two questions.

In conclusion, Prof. Snoeyink introduced some measures for drinking water safety to the freshmen.



Zhou Hui of SOE Selected as Torchbearer in London Olympic Games

On October 10, the Coca-Cola 2012 London Olympic Games torchbearer selection was held in the Environmental Development Center of Ministry of Environmental Protection. This activity also aimed at spreading environmental protection with a slogan "Keep a bucket of water". Zhou Hui, president of Student Green Association of Tsinghua University, a senior student of SOE, won the chance to join in the torch relay

in the London Olympic Games. She was the first torchbearer that was selected in China mainland.

Meantime, the team "Clean Water Beijing" with 10 students from Student Green Association was granted one of the five national "Best project" by designing and implementing a water conservation project for combining the idea of water conservation and the idea of energy saving. This pro-

ject presented a modified drip irrigation system which collected rainwater as an irrigation water source and made use of solar energy to drive supercharge pumps watering the plants in the yard.

The "Keep a bucket of water" program was launched in 2005 and jointly sponsored by the Beijing Municipal Commission of Education, Beijing Environmental Protection Foundation, Beijing Municipal Water Conservation Office and Coca-Cola Inc. in the Greater China Region. This program has attracted more than 1.3 million people in 24 major cities in China to join in water conservation and water resources protection. In 2011, this program paid close attention to water resources and water conservation technology application in the community and about one hundred school teams nationwide took part in it.



Student Development

Employment Mobilization Meeting for Graduates of SOE in 2012 Held

SOE held an employment mobilization meeting for graduates of 2012 in the lecture hall of SIEEB on Oct 17. Liu Jianguo, Deputy Secretary of the SOE Committee of CPC, introduced the employment of undergraduates and graduates of SOE since 2007 and showed statistic data on graduate whereabouts/direction and distribution of professions and target regions. He also encouraged graduates to

make up their minds and broaden their field of view and recommended that students target their professions early and planning career in advance. Yang Yajun from the student career center delivered a speech which introduced policies and procedure of graduation in 2012. Around 100 SOE students who will graduate in 2012 attended this meeting.

The 5th National Ph.D. Candidates Academic Conference Held

The 5th National Ph.D. Candidates Academic Conference was held in the lecture hall of SIEEB on Oct 20, 2011.

Prof. He Kebin on behalf of THU and Prof. Yu Gang on behalf of SOE rendered opening remarks respectively at the opening ceremony. Academician Meng Wei from the Chinese Research Academy of Environmental Sciences and Academician

HaoJiming from SOE, Tsinghua University also delivered plenary speeches. In their speeches, Academician Meng Wei discussed the characteristics of basin water environment in China and related control policies and Academician HaoJiming introduced the theory and key technology of the reduction of emission of sulfur dioxide.

The organizing committee of the conference received more than 120 abstracts from more than 40 famous universities in China including Tsinghua University, Harbin Institute of



Technology and Fudan University. More than 90 Ph.D. candidates selected from those who had submitted abstracts attended this 3-day conference, a number of previous conferences the most. They conducted deep discussion in areas of new theory, methodology and technology in environmental science and engineering, environmental microbiology, new material and energy, climate change and circular economy.

The Award Ceremony of 2010-2011 Tsinghua Alumni – Litree Scholarship Held

On November 22, the award ceremony of 2010-2011 Tsinghua Alumni – Litree Scholarship was held at the building of SOE. 13 students from SOE were awarded the scholarship. President of the Litree Purifying Technology Co., Ltd, Tsinghua 1984 alumni Chen Lianggang and

Dean of SOE Yu Gang attended the ceremony and presented the certificates to the students.

At the ceremony, Chen Lianggang introduced the development history of Litree and the original intention that he

set up the scholarship. He hoped the awarded students would study hard, develop in an all-around way and devote themselves to the environmental protection industry. Yu Gang also encouraged the students to develop

an indomitable fighting spirit and a strong sense of social responsibility, keep mission in mind in their study and work, put their feet on the ground and learn something that you can use in serving the society. Deputy Direc-

tor of the student affairs' office, Xiang Hui, attended the ceremony and introduced the financial assistance system and its objectives in Tsinghua University.

SOE wins the 3rd Debate Competition of Environment Protection Alliance of Universities

The final of the 3rd Debate Competition of Environment Protection Alliance of Universities (EPAU) was held in Beijing Normal University on Dec 17. The team from SOE of THU defeated the team from PKU on the issue of the impact of human activities on natural species and won the competition.

Six Universities sponsored this debate competition, including THU, PKU, RUC, BNU, CAU and BFU. EPAU is originated from the communication group organized by Graduate Student Unions from the above six universities. It has since organized a series of activities containing mock

interview competition, debate competition on environment issues, environmental publicity and so on.

SOE Ph.D. Candidate Zhang Xiaoyuan Awarded 2011 Tsinghua Top Grade Scholarship

Outstanding Tsinghua students were honored on December 17 at the 2011 Tsinghua Scholarship Award Ceremony in the Main Building. Secretary of CPC Committee of Tsinghua University Hu Heping, Vice President Yuan Si, Qiu Yong, and Vice Secretary of CPC Committee of Tsinghua University Shi Zongkai attended the ceremony.

Eleven students were awarded Tsinghua Top Grade Scholarship and more than 300 students Jiang Nanxiang Scholarships, December Ninth Scholarships, Philobiblon Scholarships and Freshman Scholarships. Ph.D. Candidate Zhang Xiaoyuan from SOE received the Top Grade Scholarship.

Tsinghua Top Grade Scholarship originates from the year of 1989 and is set

up for rewarding the most excellent undergraduate and graduate students. It is the highest honor for students in

THU. Six graduate students and five undergraduate students were awarded this year.



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