



**SCHOOL OF ENVIRONMENT  
TSINGHUA UNIVERSITY**

# Newsletter

**Issue 07**

## News & Events

**Tsinghua alumni in Guangdong successfully hold the first Environmental Technology Forum  
Summer Forum on Principles 2011 hold**

## Research & Achievements

**Tsinghua University hosts '8th International Conference on Urban Watershed Management &  
International Workshop on the Water-Food-Energy Security Nexus'**

## Exchanges & Cooperation

**The signing ceremony for cooperation between SOE and Xinjiang Academy of Environmental Science hold**

## Student Development

**Wang Jun of SOE wins the first prize of Environmental Friendly Science & Technology Competition**

**3**

**2011  
Autumn**



# CONTENTS

Translators: Meng Fanlin, Xie Tao, Jin Zhengyu, Li Zetang.

Proofreaders: Zachary Lundquist, Jason Lee, Frankie Fan, Su Zhen'ai.

## News & Events

- 03/ Tsinghua alumni in Guangdong successfully hold the first Environmental Technology Forum
- 03/ Summer Forum on Principles 2011 held
- 03/ Yu Gang wins award in "7th Distinguished Teacher of Beijing Universities"

## Research & Achievements

- 04/ The 63rd Environmental Salon: Project Interim Report of the State Key Joint Laboratory of Environmental Simulation and Pollution Control
- 04/ Environmental Salon on the consistent management of rivers and wetlands in Europe held
- 05/ Three ministries supervised and evaluated The Major Science and Technology Program for Water Pollution Control and Treatment
- 05/ The convening of "International Solid Waste Management and Technology Conference"
- 06/ Tsinghua University hosts "8th International Conference on Urban Watershed Management & International Workshop on the Water-Food-Energy Security Nexus"
- 07/ Professor Jing Wenyong delivers speech at the Chinese International Forum on Environment and Development
- 07/ Liu Xuehua chairs the 53rd Neodoxy Academic Salon
- 08/ James M. Tiedje: Disclose the "Catalyst" in soil through metagenome

## Exchanges & Cooperation

- 08/ Joint Practice Base in Chengdu Institute of Planning & Design inaugurated
- 09/ Joint Practice Base in Jiangsu Institute of Urban Planning & Design inaugurated



- 09/ SOE and GIT launch summer exchange program
- 09/ The signing ceremony for cooperation between SOE and Xijiang Academy of Environmental Science held

## Student Development

- 10/ The 6th Environmental Friendly Science & Technology Competition goes to final round
- 10/ The 2011 Graduation Ceremony of the SOE undergraduate held
- 11/ The Award Ceremony of CASTIC held
- 11/ SOE plans for future student events
- 12/ SOE welcomes freshmen party members
- 12/ Enviro-Net Forum: Unveil Career Opportunities in UN
- 12/ SOE welcomes the first freshmen of Tsinghua's New Century
- 13/ SOE welcomes new graduate students
- 13/ Wang Jun of SOE wins the first prize of Environmental Friendly Science & Technology Competition
- 14/ 2011 Summer School launched
- 14/ Secretary of SOE Committee of CPC delivers speech for freshmen
- 14/ SOE to strengthen engineering education

### Tsinghua alumni in Guangdong successfully hold the first Environmental Technology Forum

The 1st 2011 Environmental Technology Forum by Tsinghua Alumni in Guangdong, organized by Xindayu Environmental Protection, LEO King Environment Group and New Earth was held from July 30 to 31.

Over 50 people attended this forum included Alumni working in the environmental protection industry of Guangdong Province, officers from Environmental Protection Bureau, Water Authority and Planning Bureau of Guangzhou City, and representatives of Associations and Venture Capital

Companies in Guangdong. The forum focused on the environmental policies, technology management and industry development.

Liu Jianguo, Vice Secretary of School of Environment (SOE) Committee of the CPC attended the forum as a representative of SOE. He introduced the development of SOE in recent years and hoped the forum could promote the establishment of the South-China Alumni Association of SOE in 2011.



### Summer Forum on Principles 2011 held

During August 29th to 30th, 2011, the leadership of the School of Environment held the summer forum on principles in Changping.

The theme of the meeting was set as "Personnel training as the system and method of SOE's fundamental task". Nine members of the school committee, president of the academic committee and the vice president of the diploma

committee attended the meeting.

Vice President in charge of teaching and Vice Secretary in charge of the student affairs delivered their work reports to all attendees, which analyzed and discussed the situations, problems and improvements of personnel training during the meeting. Finally, the attendees reached a consensus that personnel training the fundamental task of the school.

### Yu Gang wins award in "7th Distinguished Teacher of Beijing Universities"

Yu Gang, Dean of SOE, Tsinghua University, won the award of "7th Distinguished Teacher of Beijing Universities". According to the "List of the '7th Distinguished Teacher of Beijing Universities' award

announcement issued by Beijing Educational Commission (Beijing Educational Commission [2011] No.386), 105 teachers were awarded the title. Among them there are also some other teachers from Tsinghua University,

whose names are, Qin Zheng from the School of Software, Yin Yajun from the School of Aerospace, Xia Qunsheng from the Department of Automotive Engineering, Xin kegui from the Department of Civil

Engineering, and Lei Jiasu from the School of Economics and Management.

Since the selection of Distinguished Teacher of Beijing Universities

Awards began in 2003, 59 teachers from Tsinghua University have been awarded the title. The total number ranks it first place of all the universities in Beijing.

### Research & Achievements

#### The 63rd Environmental Salon: Project Interim Report of the State Key Joint Laboratory of Environmental Simulation and Pollution Control

The 63rd Environmental Salon was held at SIEEB on July 8. Teachers in the State Key Joint Laboratory of Environmental Simulation and Pollution Control were invited to give interim reports on their projects in the salon. The salon was presided over by the President of SOE Academic Committee Huang Xia. About 40 other teachers and students from SOE also were present.

Seven professors namely Zhang Pengyi, Li Junhua, Duan Lei, Zuo

Jian'e, Deng Shubo, He Miao and Shi Lei were invited to report on the achievements and future plans of their projects. The form of interim

reports was the first attempt of the Environmental Salon to share information among different projects.



#### Environmental Salon on the consistent management of rivers and wetlands in Europe held

The 64th environmental salon was held in the lecture hall of SOE in the afternoon of August 26th. The report delivered this time was "The consistent management of rivers and wetlands in Europe". Martin J. Wassen, Dean of the Department of Innovation and Environmental Sciences of University Utrecht, was invited to give a speech. Nearly one hundred teachers and students attended this salon. It is regarded as a component for strengthening the

professional education of new graduates of SOE. The Secretary of SOE Committee of the CPC Du Pengfei presided over it.

Several models of water environment ecological management were discussed in the lecture, including the hydrological model, empirical model based on biodiversity and species variation, the integrated model based on the water environment, ecological environment, spe-

cies variation and biodiversity.

Professor Martin's research area covers Landscape Ecology, Vegetation Science, and Ecohydrology focusing on impacts caused by biogeochemical cycles and ecosystem cycles. He has published more than 70 papers in high-esteemed journals like Nature, PNAS, Ecology and The American Naturalist.

### Three ministries supervised and evaluated the Major Science and Technology Program for Water Pollution Control and Treatment

On August 31, 2011, the experts from the Ministry of Science, National Development and Reform Commission and the Ministry of Finance formed the evaluation and supervision team to conduct a review on the project "research and model on water pollution control and technology of quality improvement in the old city community" chaired by Professor Liu Xiang and the project "research and model on emergency purification technology and process systems of drinking water" chaired by assistant professor Chen Chao.

The team took efforts to review the technical materials and financial implementation materials of the two projects and exchanged opinions on the implementation of budgets and comprehensive review. The assistant researcher Chen Guang in the assessment center of the Ministry of

Science and the vice president Sun Xiaoyun of the Institute of Science and Technology Development Strategy hosted the meeting. The other attendees included the seven leaders of the three ministries, twelve leaders from the major project management office of Research School in Tsinghua University, Finance department and office of specialized projects on water of School of Environment in Tsinghua University.

The Major Science and Technology Program for Water Pollution Control and Treatment is an important part of the annual supervision and evaluation conducted by the national committees in 2011. It indicates a significant meaning in the work improvement and the preparation of review. The result of the review will be published at the end of this month or early next month.

### The convening of "6th International Solid Waste Management and Technology Conference"

From August 30 to September 1, the 6th International Conference on solid waste management and technology was held in Suzhou. The conference was supported by Tsinghua University, Solid Waste Association of China Environmental Science Society, United Nations Environment Programs (UNEP), Stockholm Convention Asia-Pacific regional capacity building and technology transfer center, UNEP Basel Convention Coordinating Center for Asia and the Pacific, and Solid Waste Management Center of the Ministry of Environmental Protection. Hao Jiming, Academician of Chinese Academy of Engineering and Dean of School of Environmental Science and Engineering was appointed as the chairman of the Academic Steering Committee. Professor Li Jinhui, the Executive Secretary of UNEP

Basel Convention Coordinating Center for Asia and the Pacific was appointed as president of the meeting. More than 270 delegates from domestic and foreign universities, government departments, research institutes and industries attended the meeting.

At the meeting, Hao Jiming, Zhang Shigang, the chief representative of UNEP China office, Chen Ying, Solid Waste Management Center of the Ministry of Environmental Protection and Quan Haozhi, Solid Waste branch of Solid Waste Association of China made the opening speeches. Dadan Wardhana HS from the Basel Convention Secretariat, Shinichi Sakai, President of the Japan Society of Material Cycles and Waste Management (JSMCWM), Professor Fumikazu Yoshida at Hokkaido University in Japan and the other 60 national and international well-known experts and scholars delivered keynote speeches on solid waste management and processing technology, electronic waste and biomass waste management and processing technology.

During the conference, regional workshops on e-waste recycling partnership and seminars on strategies for Chinese solid waste were also held at the same time.



### Tsinghua University hosts "8th International Conference on Urban Watershed Management & International Workshop on the Water-Food-Energy Security Nexus"

From September 6 to 8, 2011, the "8th International Conference on Urban Watershed Management & International Workshop on the Water-Food-Energy Security Nexus" was held in Tsinghua University jointly sponsored by Asia Development Bank(ADB), the U.S. Society of Civil Engineers Environmental and Water Resources Institute (ASCE / EWRI), the University of Virginia and the U.S. Environmental Protection Agency. The seminar lasted for three days. Nearly a hundred experts, scholars and managers from around the world exchanged their opinions and discussed the city water system of rapid urban areas as well as water security and its relations with food and energy security in the Asia-Pacific.

At 9 AM on September 6, a brief and grand opening was held in the Conference Hall of the School of Environment, Tsinghua University. Ursula Schaefer Preuss, Vice president of ADB, Chen Jining, chairman of the meeting, Executive Vice President of Tsinghua University, Anthony N. Tafuri from the Water Environmental Management Office of National Risk Management Research Laboratory in U.S. Environmental Protection Agency, Shi Yubo, Director of Water Resources Division in Ministry of Water Resources, Professor Michael Bruce Beck from University of Georgia, USA, Professor Daniel Peter Loucks from the American Academy of Engineering at Cornell University, Mike Ports,

former President of ASCE / EWRI at the University of Virginia, Shaw L. Yu, Vice Chairman of the meeting, professor at the University of Virginia, Chiang Kai-shek, Vice Chairman of the meeting and professor at the National Taiwan University, Yu Gang, president of School of Environment in Tsinghua University attended the opening ceremony. Du Pengfei, the Executive Chairman of the meeting, hosted the ceremony.

Director Shi Yubo, Director Anthony Taff, Mike Potts and Executive Vice President Chen Jining delivered speeches respectively and affirmed the importance of the meeting. At present, urbanization has occurred in developing countries at a very rapid pace, represented by China, which has exerted enormous pressures on water resources, urban environment and the ecosystem. The conference is aimed to provide a platform for national experts, policy-makers and managers to exchange experiences and share information.

At the meeting, Mike Potts, former President of the American Society of Civil Engineers/Environmental and Water Resources Association, presented the Diplomate of water resources engineer recognized by AAWRE to Associate Professor Jia Haifeng of SOE. Since 2004, AAWRE started a global scale rigorous nomination, assessment and certification procedures to issue the qualification certificate to engineering experts who have contributed to the field of water resources and water

environment. Till now, a total of 600 experts from 20 countries have obtained the diplomate. It is reported that Professor Jia Haifeng was the first expert to obtain this diplomate in China mainland.

Chen Jining, Executive Vice president and Preuss, Vice president of ADB inaugurated for the newly established Asia-Pacific Water Security Research Center. The Asia-Pacific Water Security Research Center was a joint university research institute as well as an open public research and communication platform initiated and founded by the School of Environment, Tsinghua University and School of Civil Engineering jointly supported by ADB and Ministry of Finance. It is aimed at improving research capability one of the school and the country at large on water environment and water resources. Chen Jining was appointed as Director of the center.

Ursula Preuss, Vice President of ADB, made the opening keynote speech. She pointed out that ADB is committed to improving water use efficiency. Currently, many Asian countries, including China, are facing water shortage threats. Water stress has caused lack of irrigation water, food production cuts and the rise in food prices. The increase in energy demand will increase demand for water. Therefore, water security, food security and energy security are closely related. Ursula put forward a number of solutions regarding water security, food security and energy

security and urged the parties present to cooperate and share information.

The International Conference on Urban Watershed Management aimed to provide national experts and policy makers with a platform to exchange practical experiences of watershed management. The 1st Conference was held at the University of Virginia in 1997. The 2nd was held at the University of Virginia in 1999 as well. The succeeding meetings were held respectively in Taipei China in 2001, Shenzhen in 2004, Chengdu in 2007, Nanchang in 2009, and Auckland, New Zealand in 2010.



### Professor Jing Wenyong delivers speech at the Chinese International Forum on Environment and Development

The 7th Chinese International Forum on Environment and Development was held in Beijing Guoyi Hotel on September 22, 2011, sponsored by the All-China Environment Federation along with the Ministry of Environmental Protection, National Development and Reform Commission, Ministry of Science and Technology, Ministry of Land and Resources, Ministry of Water Resources, and Ministry of Agriculture. The theme of the forum was to seek new ideas and measures to improve the country's environmental quality in the next five-

year plan. Jing Wenyong, Professor from the School of Environment, Tsinghua University, also made a speech on reform and innovation of current environmental protection institutions. This speech pointed out obstacles exists to the development of environmental protection systems and proposed suggestions on the strategic reform and development of state environmental protection. Nearly 400 officials, experts and representatives from environmental NGOs, famous enterprises and news media attended this meeting.

### Liu Xuehua chairs the 53rd Neodoxy Academic Salon

The 53rd Neodoxy Academic Salon was held in Beijing from July 21-22, 2011, with the theme "Advantages, problems and future of the combination of 3S technology and assessment on wildlife habitat". Professor Liu Xuehua of SOE, Ouyang Zhiyun of the Research Center for Eco-Environmental Sciences at the Chinese Academy of Sciences (CAS), and Zhu Jianguo of Kunming Institute of Zoology at CAS were invited as the chief scientists for the salon.

More than 20 experts and scholars attended the salon, which was sponsored by the China Association for Science and Technology and co-sponsored by the China Zoological Society. The combination of 3S technology

and assessment on wildlife habitat is currently a popular research area in animal ecology, as 3S technology could provide fast, real-time, exact, large-scale and visual information for extensive applications. The attendants had in-depth discussions on various topics related to the theme, including discussions on models, technologies and advantages of 3S technology combined with wildlife habitat assessment; application and problems of 3S technology and radio tracking on wildlife habitat utilization; How to apply 3S technology to habitat assessment and management of animal reserves; How to efficiently spread 3S technology; and opportunities and challenges of the application of 3S technology on wildlife protection.

### James M. Tiedje: Disclose the "Catalyst" in soil through metagenome

Microbial ecologist James M. Tiedje from Michigan State University was invited to give a lecture on "Disclose the "Catalyst" in soil through metagenome" on September 22nd in SOE.

"Thousand Talents Plan" Professor Zhou Jizhong, Professors Wen Xianghua and Yang Yunfeng of SOE, along with nearly 70 teachers and students attended the lecture, which was presided over by Director of the Academic Committee of SOE, Professor Huang Xia.

The "catalyst" of the ecological system referred by Tiedje is microbe. At the lecture, he pointed out that the inconsistency on the classification of microorganism, i.e. from the perspective of ecological function or DNA sequence of mitochondrial 16S rRNA gene, was becoming obvious, calling for more comprehensive understanding of microbe. He reviewed the development of the three generations of sequencing technology, and elaborated the advantages of Illumi-

naHiSeq. The mini-IlluminaHiSeq equipments would be a direction of Immulina technology. He also introduced an efficient, robust data processing method called Supervised-Ribosomal Database Project (RDP) Classifier. At the end of presentation, Dr. Tiedje commented on the potential of metagenome technology. The improvement of resolution of the microbial community structure, better data processing strategies, and identification of functional genes would be the major focus areas.

Dr. Tiedje is University Distinguished Professor of Microbiology and Molecular Genetics, and of Crop and Soil Sciences, and is Director of the Center for Microbial Ecology at Michigan State University. His research focuses on microbial ecology, physiology and diversity, especially regarding the nitrogen cycle, biodegradation of environmental pollutants and use of molecular methods to understand

microbial community structure and function. His group has discovered several microbes that live by halo respiration on chlorinated solvents and is using genomics to better understand ecological functions, endemism and niche adaptation. He has served as Editor-in-Chief of Applied and Environmental Microbiology and Editor of Microbial and Molecular Biology Reviews. He has over 450 published papers including fifteen in Science and Nature. He shared the 1992 Finley Prize of UNESCO for research contributions in microbiology of international significance, is Fellow of the AAAS (The American Association for the Advancement of Science), the American Academy of Microbiology, and the Soil Science Society of America, and is a member of the U.S. National Academy of Sciences. He was the President of the American Society for Microbiology in 2004-2005.

## Exchanges & Cooperation

### Joint Practice Base in Chengdu Institute of Planning & Design inaugurated

On July 19, the Tsinghua-Chengdu Institute of Planning & Design (CDIPD) Joint Practice Base for Graduate Students was inaugurated.

President and Secretary of CDIPD CPC Branch Hu Bin, Vice President Zeng Jiuli, Vice Secretary of SOE's CPC Committee Liu Jianguo, group leader of graduate affairs of SOE Sun



Fu, and representatives of CDIPD and SOE graduate students attended the ceremony. The meeting was presided over by Vice Secretary of CDIPD's CPC Committee Zhang Shijin.

The establishment of Joint Practice Base was a win-win situation for both sides, as it could help the students to

learn more about the society and industry, and also promote talent selection and the combination of production, education and research, Hu Bin said. Liu Jianguo hoped for more cooperation between both sides and encouraged the graduate students to learn from the front-line engineers to help them prepare for future careers.

### Joint Practice Base in Jiangsu Institute of Urban Planning & Design inaugurated

On July 20, the Tsinghua-Jiangsu Institute of Urban Planning & Design Joint Practice Base for graduate students was inaugurated.

President of Jiangsu Institute of Urban Planning and Design (JUP) Zou Jun and Vice Secretary of SOE Committee of CPC Liu Jianguo unveiled the placard of the Practice Base. Vice Secretary of JUP's CPC Committee Zhang Qiyun, chiefs of different departments, group leader of graduate affairs of SOE Sun Fu, and seven SOE graduate students

who took part in internship of the practice base attended the ceremony.

In order to make JUP a leader of low carbon and ecological urban and rural planning institute, JUP needs universities like Tsinghua to deliver talents with strong expertise and interdisciplinary vision, Zou Jun said. Liu Jianguo hoped the cooperation could help improve the personnel training of SOE, and also the geographical and industry employment distribution of graduates.

### SOE and GIT launch summer exchange program

The first Summer Exchange Program between the Division of Environmental System Analysis of SOE and Brook Byers Institute for Sustainable Systems (BBISS) of Georgia Institute of Technology (GIT) was launched on July 20 and lasted for 12 days. 7 graduate students from BBISS and 11 students from SOE joined the program.

Dean Assistant of SOE Liu Shuming made an opening address at the opening ceremony. Professor Liu Yi from the Division of Environmental System Analysis chaired the meeting. Vice Dean of SOE Zuo Jian'e gave a general introduction about Tsinghua and SOE. Students of the exchange program also presented their own research projects.

### The signing ceremony for cooperation between SOE and Xinjiang Academy of Environmental Science held

On September 7th, the signing ceremony for the cooperation between the School of Environment, Tsinghua University (SOE) and Xinjiang Academy of Environmental Science (XAES) was held in Room 209 of the school's Building.

Director Wang Lin from the Science and Technology Department of the Ministry of Education, Director Zhang Hua Ping from the Planning and Finance Division of the Envi-

ronmental Protection Department, Yu Gang, Dean of SOE, Du Pengfei, Secretary of the party committee of SOE, Jia Erheng, President of XAES, Vice President Zhao Chenxi of XAES and leaders and teachers concerned attended the signing ceremony. Duan Lei, Vice Dean of School of Environment hosted the signing ceremony.

During the signing ceremony, Director Wang Lin and Director Zhang Huaping made speeches respectively. Their

opinions are summarized below. During the twelve five-year plan period, the State Council put forward two options of sustainable development in Xinjiang which are the sustainable development of resources and sustainable development of the eco-environment. The state paid much attention to the environmental protection of the Xinjiang area. The speakers expressed their good will to the cooperation between SOE and XAES and wished them the best on achieving the desirable results.

Jia Erheng hoped the cooperation could witness a fruitful result with the broad platform of XAES and the scientific research capabilities of

SOE and could contribute to the environmental protection of Xinjiang. He also thanked Tsinghua University for its delivery of a number of talents to Xinjiang. Yugang indicated that SOE and XAES would collaborate at three areas as research services, cultural

heritage and personnel training.

Subsequently, Jia Erheng, President of XAES and Yu Gang, Dean of SOE co-signed the cooperation agreement.



## Student Development

### The 6th Environmental Friendly Science & Technology Competition goes to final round

The final round of Tsinghua University's 6th Environmental Friendly Science & Technology Competition was held in SOE on the July 2nd, 2011. There was a total of 30 teams got the tickets for the final round. Among these competitors were students from Tsinghua University, Tongji University, Xi'an University of Architecture and Technology. Pro-

fessor of SOE Zuo Jian'e, Liu Jianguo, Wen Xianghua, Zhang Pengyi, Xi Jinying, Jiang Jingkun, Professor Xia Siqing of Tongji University, Professor Bu Longli of Xi'an University of Architecture and Technology, President of Tsinghua Scientific Association Zhang Shaojun, President of the SOE Scientific Association Zheng Bo, and Diao Huifang from the sponsor

company HACH were invited to be the judges for the competition.

This year's competition has gotten increasing popularity among other schools and even other institutes in Tsinghua. There were a total of 99 pieces of work submitted and the final list of those who will be awarded will be announced in mid July.

### The 2011 Graduation Ceremony of the SOE undergraduate held

The Commencement ceremonies of the SOE undergraduates graduation of 2011 was held at SIEEB on July 6.

President of Tsinghua Academician Committee Qian Yi, President of SOE Academic Degree Evaluation Committee Hao Jiming, Alumni Represent-

ative Xu Guodong, who is now the CEO of CSD (Beijing) Environmental Protection, Dean of SOE Yu Gang, Vice Dean Zuo Jian'e and Jiang Jian-

guo, Vice Secretary of SOE Committee of the CPC Liu Wenjun and Jiang Jianguo, Assistant Dean Liu Shuming



### The Award Ceremony of CASTIC held

The award ceremony of the 26th China Adolescents Science and Technology Innovation Contest (CASTIC) was held in the capital of Inner Mongolia Province Hohhot on August 7.

Ten programs from nine provinces won the "Tsinghua Environmental Friendly Adolescents Science and Technology Innovation Award." They were presented by Vice Secretary of SOE Committee of CPC Liu Jianguo. The competition with the theme of "Experience, Innovation and

and Wang Yujue, and other teachers and representatives concerned attended the ceremony.

Among the 81 graduates of 2011 academic year of SOE, 69 of them received the Bachelor's Degree on Environmental Engineering, and the other 12 received Bachelor's Degrees on water supply and waste water engineering. Among the graduates, 12 of them found jobs after graduation, while the rest of them will continue their post graduate studies, 44 at Tsinghua or some other university and 25 will go abroad to study.

Growth", was held from August 2 to 8. It was sponsored by China Association for Science and Technology, Ministry of Education, Ministry of Science and Technology, National Development and Reform Commission, Ministry of Environmental Protection, General Administration of Sport of China, Central Committee of the Communist Youth League, the All-China Women's Federation, National Natural Science Foundation of China, and the Inner Mongolia provincial government.

### SOE plans for future student events

The summer symposium of student affairs of 2011 was held on August 11. It was agreed that SOE should center on the innovative personnel training in their future work and plans.

Dean of SOE Yu Gang, Vice Secretary of SOE Committee of CPC Du Pengfei, Vice Dean Zuo Jian'e, Vice Secretary Liu Jianguo, Assistant Dean Liu Shuming and representatives of head teachers of all grades and student affair offices attended the meeting to share their experience and lessons in student affairs.

Cadres of all grades made reports on the current situation of sports

and party building of SOE, and also made suggestions for further development. Representatives of head teachers shared their experience in training students, and offered the fresh head teachers some tips on how to make their work easier.



### SOE welcomes freshmen party members

The welcome meeting for the freshmen Party members of Tsinghua University SOE was held at the SIEEB (school's building) on August 14.

Of those who attended included Vice Secretary of SOE's CPC Committee Liu Jianguo, group leader of undergraduate affairs Liu Yanchen, as well as outstanding party members from the senior grades and new party

members from this year's freshman class. During the meeting Liu Jianguo warmly welcomed the new members of SOE's CPC committee. They were the first newly arrived party members of Tsinghua since it has entered its new century and also new students after the founding of SOE. He said party members of freshmen class they should recognize that they have two forms of identity: first, as fresh-

men they should be active in making friends and integrating into their classes. Second, as party members they should be self-disciplined and serve as role models to other students. In addition, some common issues which freshmen party members concerned about were also brought up and discussed.

### Enviro-Net Forum: Unveil Career Opportunities in UN

The Enviro-Net Forum to unveil career opportunities in UN was held on August 16. SOE Alumnus of the graduating class of 1989 Tang Chunlin was invited to share his career stories in UN.

Tang Chunlin, now working at the Office of Program Planning, Budget

and Account of UN, briefly introduced his work experience in the UN, and then gave a detailed introduction on the organization, core values, and recruitment of the UN. The secretary of SOE's CPC Committee Du Pengfei hoped the forum could help students be aware of the potential job oppor-

tunities in international organizations. SOE would strengthen the personnel training for talents suitable for international organizations, such as the undergoing planned "Global Environmental Opportunity Class", Vice Secretary Liu Jianguo said.

### SOE welcomes the first freshmen of Tsinghua's New Century

SOE held a welcoming party for the 85 new undergraduate students at SIEEB on August 17.

Dean of SOE Yu Gang, Secretary of SOE's CPC Committee Du Pengfei, Vice Dean Zuo Jian'e, Vice Secretary Liu Jianguo, head teachers for the new students Yue Dongbei, Liu Huan, and Lu Yun, group leader of undergraduate affairs Liu Yanchen, Assistant Wang Fengyang, and parents of the freshmen all attended the welcome party which was presided over by Zuo Jian'e.

Yu Gang introduced the history of

SOE's development, and its achievements in discipline construction, personnel training, scientific research and social service. Du Pengfei gave an introduction on the training and employment of SOE undergraduates.

Liu Jianguo, along with head teachers and assistants summarized the typical problems that come up at the beginning of college life. The SOE leaders also answered questions from the parents.



### SOE welcomes new graduate students

The new graduate students totaling one hundred seventy arrived on August 25th. They are the first class of post-graduate students of the School of Environmental after Tsinghua University celebrated the 100th year of its founding. Before 8 o'clock in the morning, Zhang Ying from the academy office of the School of Environment and Li Ying from the party committee accompanied by other teachers led the assistants of the academy office and the new students of the graduate summer league school to set up the new students welcoming tent on the tennis court west of the Sports Center. They assisted the new students with their enrollment paperwork and guided them through all the procedures.

The new post-graduate students enrolling this year are not only the first grade of post-graduate students to enroll

after Tsinghua entered its new century, but they are also the first post-graduate students to enroll after the founding of SOE. The enrollment of international students totaled around 20, also the highest in the history of the school. All the teachers and students are well prepared to welcome the new students and help them to adapt to the new environment. The new student assistant Nie Xuebiao made a commemorative roll-up banner, so that the new students can take pictures with it in commemoration. The graduate students committee also specially designed a series of postcards.

Over the next few weeks, the new students will be involved in professional academic training to get prepared for the coming life in Tsinghua University.

### Wang Jun of SOE wins the first prize of Environmental Friendly Science & Technology Competition

On September 9th, the 6th Environmental Friendly Science & Technology Competition (ESTC) awards ceremony was held in School of Environment, Tsinghua University. Wang Jun from the School of Environment won the first prize of concept competition by the article "A new way to highly regenerate gas NOx catalyst for efficient coal-fired power plant flue", Li Mengkai from Chinese Academy of Science won the first prize of practice competition by the article "Monitoring system of operation systems based on UV disinfection equipment of fluorescent probe".

The ESTC aims to promote resource-saving and environmental-friendly philosophy by way of science competition and encouraging college students to get involved in the development of resource-saving and environmental-friendly society with their unique philosophy and inventions. Since the first competition in 2006, the popularity of ESTC have increased constantly in terms of the number of participating units as well as geographic distributions, which made the ESTC as one of seven notable five-star competitions in Tsinghua University.

The ESTC competition received 190 works in total, with



101 valid pieces of work thus reaching the highest it has been in the past six years.

Finally, seventeen pieces of work in concept and practice competition categories were picked out through the propaganda, start-up event, initial review, final reviews and defenses. The ESTC was sponsored by Tsinghua University, Tongji University and Xi'an University of Architecture and Technology. The leaders from Xi'an University of Architecture and Technology and Tongji University as well as the teachers and students from Tsinghua University attended the ceremony

### 2011 Summer School launched

From August 30th to September 7th, sixteen students and teachers from Japanese Kanazawa University attended the one-week study in the Summer School sponsored by School of Environment, Tsinghua University.

The students and teachers from Japanese Kanazawa University visited the sewage treatment plant in Gaobeidian, sewage treatment plant in Beixiaohe, Sangde Group and Asuwei life wastes treatment project. In addition, the students and teachers from Japanese Kanazawa University conducted comprehensive communication with the teachers and students of SOE.

It is reported that this is the first time that SOE launched summer school. With the success of this year, the school will further improve the development of summer school and

information exchange and knowledge sharing in order to broaden the horizons of the students and deepen friendships with other universities.



### Secretary of SOE Committee of CPC delivers speech for freshmen

On September 17, 2011, Du Pengfei, Secretary of SOE Committee for CPC, spoke to the freshmen of SOE in which the main theme was about understanding the past so as to shape the future. In his speech, Du Pengfei introduced the history of CPC, as well as the future

of environmental protection in China. He further emphasized the significance of the reform policy to open up China and expressed determination for improving the quality of education and personal cultivation. Finally, he requested that freshmen party members strive to practice the ability for

critical thinking, conscious study, and reasonable judgment, live a balanced life style, recognize the complicated situations, and set lofty ideals while being realistic in life. All undergraduate and graduate freshmen joined the meeting.

### SOE to strengthen engineering education

According to the "List of Disciplines for Excellent Engineer Training" published in 2011 by the General Office of the Ministry of Education, the environmental engineering department of SOE was included in the excellence training plan for both undergraduate and graduate

disciplines. This plan aims to train engineers and technicians with a high quality of education and to promote education of engineering in China. SOE applied to the plan under the circumstance of lacking front-line environment engineers in China. In line with this plan, SOE will combine

theoretical studies with practice, and strengthen engineering technical abilities for undergraduates. It is believed that the plan will help improve the progress of environmental protection as national and global environmental problems are getting more and more complicated and severe.



**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](http://www.env.tsinghua.edu.cn)

