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Tsinghua Alumni Association of Environment Established

Tsinghua Alumni Association of Environment (TAAE) was established in SOE of THU on April 28.

Of those who attended and delivered a speech, included Li Ganjie, Vice Minister of Ministry of Environmental Protection, Chen Xu, Executive Deputy Secretary of THU Committee of CPC, Qian Yi, Academician of Chinese Academy of Engineering and Yu Gang, Dean of SOE. Du Pengfei, Secretary of SOE Committee of CPC, presided over the ceremony. Attendees discussed and passed



articles and the list of the Council and Secretariat of TAAE. Guo Liang, Secretary-General of TAAE, declared that Li Ganjie was elected as the first

Chairman of the Council of TAAE. More than 200 alumni presented in the ceremony.

Shanghai Alumni Association Celebrates THU's 101th Birthday



Shanghai Alumni Association celebrated the THU's 101st Birthday in the Shanghai International Convention Center on April 21. The 2012 THU East China Environmental Forum was held at the same time.

Chen Xu, Executive Deputy Secretary of THU Committee of CPC, Fang Minglun, President of the Shanghai Alumni Association, and

Zhangquan, Director of the Shanghai Environmental Protection Bureau, attended this ceremony. Chen Xu introduced the recent developments and long-term goals of THU. Fang Minglun delivered a congratulatory speech to the forum. Yu Gang, Dean of SOE, gave a report on environmental cooperation and He Kebin, Professors of SOE, gave a

report on the PM2.5. XieRongxing, an expert on the capital market in China, talked about the relationship between the environment and the capital, and Zhang Quan delivered a presentation on the 12th five-year environmental plan of Shanghai. Attendees discussed the issues of the PM 2.5 over the forum.

Du Pengfei, Secretary of SOE Committee of CPC, presided over the ceremony. The meeting was also co-hosted by THU Shanghai Alumni Association and SOE and sponsored by the SOE East China Alumni Association. More than 500 Alumni were present at the forum.

Prof. Liu Wenjun Appointed as Director of Asia Division for IUVA

International Ultraviolet Association (IUVA) appointed Prof. Liu Wenjun from Tsinghua University as the Director of the Asia Division on March 28.

Prof. Liu has been dedicated to doing research on disinfection technology over the last few years. He directed the first full-scale municipal tap water ultraviolet disinfection project in China in 2010 and won the Best UV Engineering Project of 2010 from IUVA in 2011. The outcome of another project of his was also selected as the promoting technology in the 12th five-year period.

Prof. Liu is currently the Deputy Secretary of the SOE Committee of CPC, the Director of the Ultraviolet Radiation Sterilization Technical Committee of Standardization Administration of China and the Secretary-General of Water Engineering for China Civil Engineering Society. He has been the Executive Director of IUVA since 2005 and was elected as the Director responsible for the region of Asia and Australia.

Prof. Jia Haifeng Elected Member of Core Group of ASCE/EWRI and Candidate of IFA

The 2012 World Environmental & Water Resources Congress of the Environmental and Water Resources Institute of the American Society of Civil Engineers (ASCE/EWRI) were held in Albuquerque, USA, from May 20 to 26. Associate Prof. Jia Haifeng from SOE, THU, was invited to the conference and elected as a member of the Control Group of ASCE/EWRI and Candidate of the International Fellow Award (IFA) for ASCE next year. He will be in charge of the future affairs of the Urban

Watershed Management Committee (UWMC) of ASCE/EWRI.

Prof. Jia has been a member of ASCE/EWRI's UWMC and the member of the Urban Water Resources Research Council of ASCE/EWRI. He was also the first D.WRE certified by the American Academy of Water Resources Engineers (AAWRE) from PRC. This year, he attended the 8th annual conference of AAWRE.

Academician Liu Hongliang Wins Guanghua Engineering Science and Technology Award



The 9th Guanghua Engineering Science and Technology Awards ceremony was held in the Beijing Conference Center on June 13, 2012.

Academician Liu Hongliang, the Adjunct Professor and famous

alumnus of SOE, Professor Nie Jianguo from THU and Ge Xiurun, the Research Fellow of Chinese Academy of

Science and famous alumnus of THU, were rewarded the "Guanghua Engineering Award" during the ceremony. Academician Liu is an expert in the field of Environmental Engineering. He graduated from the Department of Civil Engineering at THU in 1954 and was elected a member of the Chinese Academy of Engineering in 1994. He is also the Research Fellow of Chinese Research Academy of Environmental Sciences and the Deputy Director of the Science and Technology Advisory Committee of the State Environmental Protection Administration.

Project KIDEAFR Passes National Evaluation

The Chinese Society for Environmental Sciences (CSES) held the outcome validation meeting for the project of the Key Industries Development Environmental Assessment for Five Main Regions (KIDEAFR) on April 5.

KIDEAFR is the world's first large-scale regional key industries environmental evaluation project. Chen Jining, Leader of KIDEAFR, President of THU and Professor of SOE, introduced the main research

results and achievements in the opening report. After a careful deliberation, the committee of experts including 11 academicians validated the results of KIDEAFR.

The Ministry of Environmental Protection directly supported KIDEAFR which evaluated five main economic regions, including Bohai Economic Cycle, Straits Economic Zone, Beibu Gulf Economic Zone, Chengdu-Chongqing Economic Zone

and the Upper and Middle Yellow River Energy Chemical Industry Zone. These five main regions comprise 15 provinces cover an area of 1.11 million km² and account for 1/5 of the total economy. It involves more than 10 key industries, e.g. petrochemical industry, energy, metallurgy and equipment manufacturing. KIDEAFR was launched two years ago.

Prof. He Kebin Publishes One Review Paper in Nature

Collaborating with Zhang Qiang, Associate Researcher of Center for Earth System Science, THU, and Huo Hong, Associate Researcher of Institute of Nuclear and New Energy Technology, THU, Professor He Kebin co-authored one review paper titled "Cleaning China's air" in the Nature on April 12.

This paper introduced the latest air quality standards for PM 2.5 issued in China, discussed the possible challenges and global environmental benefits and rendered a few suggestions on policy making. PM2.5 has become a hot issue in the area of atmosphere environmental protection in recent years. Professor Zhang and

Professor He did a lot of research on the formation of secondary particles, the source and sink mechanism of global aerosols and the climate and environment-friendly energy development strategies. This paper summarized the initial conclusions on their former studies.

IIASA Director Pavel Kabat Delivers Speech at SOE

Professor Pavel Kabat, the Director of the International Institute for Applied Systems Analysis (IIASA), was invited to Tsinghua Environmental Forum and delivered an academic report entitled, "Integrated Science and Systems Approaches in Support of Global

Transitions: Case Study of Energy and Water" on May 8.

Yu Gang, Dean of SOE, presided over the forum and around 50 students and teachers attended the lecture. Prof. Kabat discussed some hot issues existing in the process

of globalization, especially on food, water, energy and climate change. He systematically elucidated the relationship between the above four aspects by means of the integrated analysis and introduced the frontier of the realm of system analysis. He also talked about the methodology

of Global Energy Assessment (GEA) and its database development using several real cases.

Prof. Kabat's research focuses on Water Cycle, Climate Hydrology, Water Resources and Climate Change. He has more than 200 papers and 8 books that have been published.



SOE Co-hosts China POPs Forum 2012



China POPs Forum 2012 & the 7th National Symposium on Persistent Organic Pollutants (China POPs Forum 2012) was held in Tianjin on May 17. Its theme was, "Eliminating POPs, Ensuring Environmental Safety".

The forum was launched by POPs Research Center of Tsinghua University (PRCTU), and co-organized by the Stockholm Convention Implementation Office of Ministry of Environmental Protection (CIO/MEP), Professional Committee of POPs of Chinese Society for Environmental Sciences (PCPCSES), and Environmental Chemistry Commission of Chinese Chemical Society.

Prof. XuJingjun, Vice President of Nankai University (NKU) gave a welcoming speech on behalf of the host. Prof. Yu Gang, Director of PCPCSES and PRCTU and Dean of SOE, presided over the opening ceremony. Attendees exceeded 300 including delegates from domestic and international scientific research institutes, administrative offices and enterprises. Experts from USA, Switzerland and France were also invited to the forum. The three main topics of this forum

were, "Demand and Strategy of POPs Elimination", "POPs Scientific Research and Decision-Making" and "POPs Elimination Technology Development and Application".

Prof. Dai Shugui from NKU, one of the founders of the discipline of Environmental Chemistry, received a 2012 Award for Outstanding Achievement in the ceremony for his long-term contribution to the development of Environmental Chemistry and professional personnel training. PCPCSES also summarized the last year's work and discussed the plan for the next year during the meeting.

SOE Co-hosts Workshop on Dioxin Sampling and Analysis

SOE co-hosted a Workshop on Dioxin Sampling and Analysis with the United Nations Industrial Development Organization (UNIDO) Regional Plan for Introduction of BAT/BEP Strategies to International Source Categories of SC Annex C of Article 5 in ESEA region and Foreign Economic Cooperation Office(FECO), Ministry of Environmental Protection on May 28.

Nearly 20 technicians and managers who work with dioxin from Cambodia,

Indonesia, Laos, Mongolia, Philippines and Thailand attended this workshop. Representatives from UNIDO and FECO each delivered welcoming speeches. They also introduced the background, the purpose and the preparing process of this workshop. Prof. Yu Gang, Director of PRCTU and Dean of SOE, gave a report on the scientific research, the laboratory development and social activities of PRCTU during the last ten years, hoping to

strengthen the cooperation between East and Southeast Asia in solving regional POPs problems.

The workshop lasted 4 days during which professors of SOE, technicians of the dioxin lab and a few experts from Japan introduced the theory of dioxin sampling and analysis. Moreover, the technicians showed the operation of pre-treating samples and data analysis and took attendees to visit the real sampling process in the waste incineration plant.

Environmental Management and Environmental Technology Assessment Conference Held

Conference on Environmental Management and Environmental Technology Assessment sponsored by the State Environmental Protection Engineering Center for Technology Management and Evaluation (SEPECTME) of SOE, THU, was held in Beijing on May 24 and 25.

Mr. Zhou Fengbao, Director of the Office of Major Science and Technology Program for Water Pollution Control and Treatment, delivered a welcoming speech during the opening ceremony. Prof. Wang Kaijun, Research Fellow of SOE, presided over the ceremony and introduced the top-level design and the road map of

China's Environmental Management and Environmental Technology Assessment. Prof. ZuoJian'e from SOE discussed the technologies and management of ammonia pollution control. Associate Prof. Wen Zongguo from SOE cited the case of coal chemical industry to elaborate the Guideline on Best Available Technology (BAT) of Pollution Prevention and Control and its application.

More than 100 Experts from the European IPPC Bureau, USEPA, California EPA, Fukushima University and Veolia Environmental Group, etc. attended the conference. Discussion topics included the BAT design,

establishing standards, technology verification, cleaner production and industry pollution control technology, issues concerning the chemical industry, pharmaceutical industry, textile industry, metallurgy industry, sludge treatment and livestock and poultry production.

SEPECTME was set-up in 2010. It aims to promote the development of China's Environmental Technology Management System.



Fund for International Academic Exchanges of SOE launches

The Fund for International Academic Exchanges of SOE sponsored by Lao Niu Foundation (LNF) was launched in THU on April 25.

Lei Yongsheng, Secretary-General of LNF, Deng Wei, Deputy Secretary of the THU Committee of CPC, Huang Jianhua, Vice Chairman of the board of Tsinghua University Education Foundation, and Yu Gang, Dean of SOE, attended the ceremony and each delivered a speech. LNF donated 5 million RMB to set this fund in order to promote international academic exchanges of SOE students. Deng Wei offered Lei Yongsheng the certificate of honor to express the gratitude of THU. Nearly 30 attendees were present at the celebration.

LNF was initiated by Niu Gensheng and aims to collect money for charity activities, which mainly cover areas of environmental protection, culture and education, medical care and sanitation, rural issues and aid to those suffering



disasters and difficulties. Niu Gensheng donated all his stocks and part shares of Inner Mongolia Mengniu Dairy (Group) Co., Ltd. for the foundation of LNF. LNF has cooperated with over 80 institutions and finished more than 100 charity projects. The total amount of money donated exceeds 305 million RMB.

Director of GMV Chalmers Visits

Prof. Katarinna Gardfeldt, Director of the Centre for Environment and Sustainability, GMV, visited SOE with other four teachers from Chalmers University of Technology (CUT) on May 9. Prof. Zuo Jian'e, Vice Dean of SOE, and Prof. Wang Yujue, Dean Assistant attended the welcome meeting.

The issue of the graduate's joint-training program was discussed in the meeting. Prof. Gardfeldt made a brief introduction of GWV and CUT and then discussed several cases of cooperation between GWV and other famous

universities and enterprises. Prof. Zuo presented the sample of International Advanced Master Program in Environmental Management between THU and Ecole Poly Technique. Both sides expressed willingness to strengthen cooperation after five years of communication and signed at the end of the meeting an agreement on a joint master training program.

Tsinghua-Yale Environment and Sustainable Development Leadership Program Opens

The opening ceremony of Tsinghua-Yale Environment and Sustainable Development Leadership Program (ESDLP) co-hosted by THU, Yale University and China Association of Mayors (CAM), was held on June 4.

Prof. Qiu Yong, Vice President of THU, attended the opening ceremony and delivered a welcoming speech. Ms. Cheng Guilan, Deputy Inspector of The Organization Department of the Communist Party of China Central

Committee, and Ms. Tao Siliang, Executive Vice President of CAM, both delivered speeches at the meeting.

Around 22 secretaries of municipal committees of the CPC and mayors from 12 cities joined in the program

this year. They attended classes at SOE from June 4 to June 8 and then continued the program at Yale University and the city of New York and Portland from June 9 to June 22.

ESDLP was initiated in 2003 and

lasted 3 years for the first period. More than 60 students participated in the program. The second period began in 2009 and there have been about 40 officials who have completed the program.

Director of National Energy Conservation Center Visits

Director Li Yangzhe of the National Energy Conservation Center (NECC) with other 17 delegates visited SOE on June 15.

Prof. Yu Gang, Dean of SOE, on behalf of SOE, introduced the Green University project of THU and the development of SOE. He expressed SOE's willingness to collaborate with NECC on energy conservation industry. Li Yangzhe commended THU and SOE for their hard work

in building the Green University. He made a brief introduction of NECC, discussed the challenges and opportunities facing the energy conservation industry in China. The two sides made an agreement for future cooperation at the end of the meeting.

In the seminar for more detailed discussion, Prof. Duan Lei, Vice

Dean of SOE, introduced the energy conservation system of SIEEB (the building of the School). Associate Prof. Wen Zongguo reviewed the energy conservation technology selection of SOE and the latest research progress on energy conservation evaluation.

Student Development

SOE Wins "Challenge Cup" Technology Innovation Competition

The 30th "Challenge Cup" Technology Innovation Competition came to an end on April 29. SOE's team ranked No. 4 and wins the "Challenge Cup".

Among all entries submitted, four won the second prize, including works on modified chitosan, microbial desalination cell, vehicle emission and aerosol generation system. Two

other pieces received the third prize. The main topics of the projects were the Electrochemical Degradation of POPs and development of software on the carbon footprint in Android.

SOE Championed in Ma Yuehan Cup

Tsinghua's 55th Ma Yuehan Cup track and field competition was held from April 28 to 29.

After two day's competition, SOE's women track and field team remained the top for continuous eight-time defending. SOE's men team moved up to their new perch at No.5. The total score of SOE's men and women team ranked No.2 in track and field competitions. At last, SOE's team moved to the top for all competitions and won the Ma Yuehan Cup after three years.

In the Ma Yuehan Cup football game, SOE's men football team beat the team of the Department of Chemical Engineering 1-0 in the final on April 19 and defended the



championship. The MVP Peng Bo headed the only goal in the game.

Student Green Association Co-hosts Carnival of Earth Hour

The Student Green Association of Tsinghua University (SGATU) and Student Union of THU co-hosted the carnival of Earth Hour with 13 other student associations on March 31. More than one thousand students joined in the carnival.

"This carnival might be the most attractive activity this semester, and more student associations are taking part in environmental protection. It has been a common issue," said Zhou Hui, the president of SGATU. This carnival comprised three parts, including the pre-video, the scene performance and the post-research. SGATU invited many student stars to join the video-making and uploaded it onto

the Internet. As a result, it received more than a million of page viewers and become a very popular video show in many famous websites.

Earth Hour is a worldwide event organized by the World Wide Fund for Nature (WWF) and is held on the last Saturday of March annually. Its goal is to encourage households and businesses to turn off their non-essential lights for one hour to raise awareness about the need to take action on climate change. This year's theme in china was, "Everyone has an environmental expert in their heart".

SGATU Team Visits Taiwan

A team of Student Green Association of Tsinghua University (SGATU) made a visit to Taiwan from April 30 to May 5.

All 14 members visited Beitou Incinerator in Taipei on the first day. They were showed around the whole Incinerator and got a general idea of the process of garbage incineration. The second place of interest where they stopped on the second day was the Institute of China



and Asia-Pacific Studies (ICAPS), National Sun Yat-Sen University (NSYU). Prof. Lin, Teh-chang from ICAPS talked about the development, status-quo and future plan of Taiwan's Non-governmental Organizations (NGO) on the meeting. After NSYU,

they moved on to the last destination: National Taiwan University (NTU). The Graduate Institute of Environmental Engineering (GIEE) of NTU and Root and Shoot Association held a welcoming ceremony. Prof.

Pen-Chi Chiang from GIEE delivered speeches on Taiwan's solid waste treatment and the environmental engineering research and education of Taiwan on the ceremony.

Dissertation Defenses of SOE Graduates Held

Dissertation defenses of SOE graduates in 2012 were held on June 13.

A total number of 96 undergraduates attended the defense and was divided into 4 groups, including 4 international students, 1 student in Grade 2007 and 1 student from department of biology. Prof. Huang Xia, Prof. Li Guanghe, Prof. Wang Chengwen and Prof. Duan Lei chaired each group, respectively. Over 40 teachers including the Vice Dean of SOE ZuoJian'e presented the defense as judges.

The research fields of undergraduates of 2012 covered areas of water, gas and waste treatment, environmental policy, environmental planning and design, etc.

Defense of master graduates in 2012 was also held in SIEEB from May 31 to June 1. Totally 73 master graduates were divided into 7 groups, where Prof. Liu Xiang, Prof. Wang Hongtao, Prof. Liu Yi, Prof. Jiang Jianguo, Prof. Zhang Xiaojian and Prof. ZuoJian'e chaired the Defense

Committee, respectively, along with 53 teachers who joined the defense.

Among these master graduates, there were 56 students of environmental science and engineering, 8 students with degrees in civil engineering, 9 students with masters of engineering in realm of environmental engineering and 7 international students.

Award Ceremony of Veolia Outstanding and Innovative Scholarship Held

The Award ceremony of 2012 Veolia Outstanding and Innovative Scholarship (VOIS) was held on June 18.

Asian CEO of Veolia Environmental Group Luc Zeller, Asian Vice President of Veolia Zhang Hong, Dean of SOE Yu Gang and Vice Dean of SOE ZuoJian'e attended the ceremony, while Vice Secretary of SOE Committee of the CPC Liu Jianguo presiding over the meeting.

There were 7 Comprehensive Awards, 139 Individual Excellence Awards, 3 Impressive Sports Clubs and 1 Outstanding Volunteer Group Awards declared during the ceremony. Luc Zeller and Yu Gang issued the award certificates.

VOIS is sponsored by the Veolia Environmental Group to support personnel training of SOE. Students with outstanding performances in scientific innovation, academic

research, social practice, voluntary service, sports and arts and social work shall be awarded. More than 300 students have received the scholarship over the last 3 years.

