



# ECOSF NEWSLETTER



## ECOSF and Partners hosted a 5 Day Capacity Building Workshop on Climate Change Education in Islamabad

Pakistan is one of the most vulnerable countries to the impacts of climate change in the world. The country is expected to face severe extreme climate events. Hence there is an urgent need for the adaptive capacity of communities through adequate science education and enabling citizens to make informed decisions in the context of climate change.

Recognizing this need, the ECO Science Foundation (ECOSF) in collaboration with Sukkur IBA University (SIBAU), UNESCO and the Pakistan National Commission for UNESCO (PNCU) organized 5 days **Capacity Building Workshop for Science Teachers on Climate Change Education** in Islamabad from March 28- April 1, 2022. It is important to mention that ECOSF won the grant under participation programme of the UNESCO for hosting this workshop in Pakistan.



The prime purpose of this training was to produce a cadre of science teachers who can effectively deliver training programmes on climate change education for their peers using Inquiry Based Science Education (IBSE) pedagogy. Over 30 science teachers from across Pakistan participated in the workshop. The training workshop underscored that science education plays a vital role to prepare societies for the future global challenges, including the climate change.

During the inaugural ceremony of the workshop, renowned scientist **Prof. Pierre Léna** delivered his keynote speech. Prof. Léna is the Co-Founder La main à la pâte (LAMAP) Foundation, & Renowned French Astrophysicist, based in Paris, France. Prof. Léna presented the global scientific overview of the climate change and suggested the interventions to integrate climate change education into the classroom.



**Academician Dato' Ir. (Dr.) Lee Yee Cheong**, Honorary Chairman of the Governing Board of International Science Technology and Innovation Centre for South-South Cooperation under the auspices of UNESCO (ISTIC) Malaysia, President of Belt and Road International Science Education Consortium (BRISEC), Member of the UN Broad Band Commission and Former Chairman Global Council of InterAcademy Partnership (IAP) Science Education Programme, who is also a member of ECOSF's International Advisory Board, participated as the Chief Guest through a video link.



President ECOSF, Prof. Dr. Manzoor Hussain Soomro welcomed the participants and underlined the role of ECOSF in promoting science education and ongoing capacity building programme for science teachers in the ECO region. Representatives of partner organizations including, Secretary General PNCU Syed Junaid Akhlaq and Mr. Mujeeb ur Rehman from Sukkur IBA University also spoke during the ceremony. Mr. Khalil Raza Science Officer of ECOSF was the master of inaugural ceremony and as the coordinator of the project, presented an overview and objectives of the workshop.



Lead Trainers from Institute of Teacher Education, Kuala Lumpur Malaysia; Prof. Abdul Muhaimin Osman and Prof. Rajab Aziz conducted the training workshop with their core expertise in Science Education using Inquiry Based pedagogy. Prof. Osman is the Director of Institute of Teacher Education, Perlis Malaysia, while Prof. Aziz had been associated with this institute as former faculty and science educator. Dr. Simon Clien from the Office of Climate Change Education (OCE)- a UNESCO Category-2 Centre in Paris-France also virtually shared the OCE programme of Climate Change Education and the online resources with the workshop participants.

Prof. Osman and Prof. Aziz in the past have designed and conducted several training modules for science teachers to help them develop effective learning and teaching delivery skills and practices in many countries. Science teachers during the workshop were quite excited, engaged and inspired as the trainers during workshop employed interactive approach with many hands-on activities on climate science.

During the intense five days workshop, participants learned about the impacts of climate change in Pakistan and the major concepts related to climate change: change, biosphere, greenhouse phenomena, impacts, mitigation, adaptation and Disaster Risk Reduction (DRR).



Workshop also equipped science teachers to understand better on learning methodologies and enhanced their skills, knowledge and competency around climate literacy and discussed how to best integrate climate change education in the classroom.

One of the major takeaways of the workshop was recognition of immediate need for integrating climate change education for mainstreaming and replicating this workshop at much larger scale for widespread adoptability of climate science content at Pakistani schools. In the concluding ceremony, certificates were distributed among the participants.

### **World Water Day – 2022 with the theme “Groundwater-making invisible visible” celebrated**

World Water Day (WWD)– 2022 was celebrated on 30 March 2022 by Pakistan Council of Research in Water Resources (PCRWR) in partnership with ECOSF, UNESCO, WaterAid, UNICEF and other national and international organizations. The theme of WWD for year 2022 was “Groundwater-making the invisible visible”. The event was attended by the water experts, scientists, students and representatives of organizing institutes. Mr. Ghulam Abbas Rahar, Assistant Director attended on behalf of ECOSF.

Chairman PCRWR Dr. Muhammad Ashraf welcomed all the distinguished guests and highlighted the importance of water especially groundwater. In his keynote speech, Dr Muhammad Ashraf, emphasized on the joint key efforts of PCRWR with partners, such as; piloting groundwater recharge wells in Islamabad, establishing a real-time groundwater monitoring network along the eastern border of Pakistan, and formulating a regulatory framework for groundwater governance in ICT region.

A round-table discussion was organized inviting key water experts from the country to shed light with reference to this year's theme "Groundwater-making the invisible visible". Taking the benefit of this event, the United Nation's World Water Development Report 2022 was also launched in Pakistan.



Speaking on the occasion, the Chief Guest, Lt. Gen (R). Nadeem Ahmed, national advisor, Asian Disaster Preparedness Centre (ADPC) remarked that the subject of water needs to be incorporated into the syllabus starting from the primary education level. He further emphasized to use satellite technology for monitoring groundwater on a broader scale.

In his remarks, Mr. Haile Gashaw, Chief WASH, UNICEF remarked that his organization is willing to support the government of Pakistan in developing national strategic planning and allied assistance for the protection of groundwater in Pakistan.

Mr Arif Jabbar Khan, Country Director Water Aid stressed the need to involve public at different level while developing any policy. The message of Director General UNESCO highlighted deep concern for depleting groundwater aquifers in the face of challenges posed by climate change and food insecurity of the growing population.

### A Journal on 'Science Diplomacy Perspectives' launched by Ministry of Foreign Affairs

The Ministry of Foreign Affairs Islamic Republic of Pakistan (MoFA) launched a journal on 'Science Diplomacy Perspectives' on 15 March 2022 to promote Science Diplomacy. The Journal was jointly inaugurated by the Foreign Secretary H.E. Mr. Sohail Mahmood, Coordinator General of COMSTECH Prof. Dr. Muhammad Iqbal Choudhary, President ECO Science Foundation Prof. Dr. Manzoor Hussain Soomro, the former Foreign Secretary Mr. Aizaz Ahmad Chaudhry and the Director General of Science Diplomacy Science Division of MoFA, Mr. Muhammad Kamran Akhtar.

In his inaugural speech the Foreign Secretary Mr. Sohail Mahmood congratulated the MoFA team for taking this initiative and also congratulated the Authors and the Editorial Team of the Journal. The Foreign Secretary spoke about the importance of timing of launching the journal and said that the issue came at a time when the world was gradually recovering from Covid-19 Pandemic. The Recovery came on the back of extraordinary scientific sociotechnical achievements in developing vaccines and devising emergency health measures, he added. Mr. Mahmood highlighted the significance of science diplomacy in helping to address global challenges and bridging the gap between innovation and policy community. He announced that the Journal was an effort to provide inter-disciplinary stakeholders such as scientists and diplomats a platform to write on themes related to science diplomacy. He further said that the Scientists and diplomats work at the Interference of innovation and Negotiation which a path way for societal Programme and this interdisciplinary engagement can provide truly sustainable solutions for Global Challenges such as Food security and Climate Change.





In his comments, Director General (Science Diplomacy) Muhammad Kamran Akhtar thanked the authors for their contributions and taking the challenge of looking beyond conventional boundaries to offer innovative and multi-sectoral inputs. The Journal would provide thought leadership to the country's science diplomacy efforts and also be a source of rendering science advice on technology-related issues. He said that by launching the journal



In his remarks, Coordinator General COMSTECH Prof. Dr. Iqbal Choudhary welcomed the pioneering effort to initiate a publication platform on the subject of science diplomacy. He informed that COMSTECH was playing a significant role as a science diplomacy platform to improve the status of science in the Muslim World.

The inaugural issue of Science Diplomacy Perspectives features 17 articles from researchers, diplomats and policy practitioners on different cutting-edge themes including scope and regulatory perspectives of new and emerging technologies, science popularization, and multilateral governance of science. COMSTECH and the Particle Team at LUMS facilitated the Ministry with the editorial and peer review process.

Science Diplomacy Perspectives would be regularly published and provide a permanent platform for scholars and practitioners to submit articles on science diplomacy related themes.

### 1<sup>st</sup> International Conference on Plant Protection Sciences (ICPPS-2022) organized in hybrid mode- President ECOSF attended as a keynote speaker

1<sup>st</sup> International Conference on Plant Protection Sciences (ICPPS-2022) was organized by Sindh Agriculture University Tandojam Pakistan on 29-30 March 2022. The conference was organized in hybrid mode wherein, over 300 participants joined which included; Dr. Syed Asadullah Shah from Malaysia, Dr. Marshall from Netherlands, Dr. Hisham Naseeruddin from Sudan, Noor Muhammad Baloch, DG Research, Dr. Yubak from FAO Regional Office for Asia and the Pacific, Dr. Anne-Sophie from the FAO Headquarters in Rome Italy and a large number of experts, farmers and students attended physically whereas, many participants from Egypt, Australia, China, India, Azerbaijan, Bangkok, Malaysia attended virtually.



The Vice Chancellor of the University Dr. Fateh M. Marri welcomed the distinguished speakers, local and international participants for their attendance in the conference. In his welcome note, he said that most of the land of Sindh is desert but the importance has been given to agriculture in irrigated areas from the very beginning; thus, most of the desert lands have been neglected. Therefore, by focusing on rain-fed agriculture, organic agricultural production can be expanded.

Guest of Honor and Founder Vice Chancellor of Sindh Agriculture University Dr. AQ Ansari said that the farmers believe that the only solution to get rid of harmful pests and diseases in the crops is to use pesticides due to lack of awareness. He added that due to the lack of a system and testing laboratories, the effects of pesticides have not been tested, which raises many questions around the world about our country's agricultural products and their quality.

President ECOSF Prof. Dr. Manzoor Hussain Soomro, in his keynote speech said that the importance of plant protection in agriculture is very vital. He added that the developed countries use natural methods to eradicate harmful diseases and pests from agricultural crops and the harmful effects of pesticides must be studied; however, technical expertise is required in this regard among farmers and related institutions. The title of presentation of Prof. Soomro was "Climate Change- A Challenge for Sustainable Agricultural Production in ECO Region". In his presentation, Prof. Soomro said that "Climate"



is the long-term weather that our planet normally experiences. Since the first industrial revolution of the 1800s, our planet has been heating up at a much quicker rate than ever before – with damaging consequences. As a result of extreme weathers, from floods to droughts across the globe are being experienced. It is also causing glaciers and ice caps to melt, making sea levels rise. Globally, agriculture directly accounts for 13.5 % of greenhouse gas emissions and indirectly for another 17% due to deforestation and land-use change. At the same time, the sector holds a large mitigation potential, mainly through reduced deforestation, soil management and increased productivity. Therefore, the Agriculture is a part of the problem, as well as a part of the solution to Climate Change, he said.

He further said that there is a growing evidence of climate change and its adverse impacts on agriculture in the ECO Region. Unprecedented effects on the region’s water resources, agricultural productivity, and farm incomes are badly under extra stress. And given the region’s wide topographic and climatic diversity, ECO region is prone to various natural disasters, including earthquakes, floods, avalanches, mudflows, landslides, and extreme weather events. The effects of such disasters are likely to become more severe with climate change. The question is, whether the present-day producers- the growers, are capable enough to tackle the challenges of climate change and remain competitive? How to build and enhance the capacity of farmers/growers? Some of them might be unable to even read or write! Opening the minds of growers is a must for building their capacities; and the time-tested methodology or approach has been the inquiry-based and hands-on training of farmers- The Farmer Field School (FFS) approach for understanding the science of climate change and mitigation, use of technologies, skill development, technology use and management as a whole.

The host of the conference, Dean Prof. Dr. Jan Mohammad Marri, said that the conference would focus on agricultural research through expert suggestions, and research by experts from around the world, especially in agriculture, will benefit from pests and diseases, and suggestions on temperature, climate change and the environment.

During the conference, 288 research papers were presented by experts from 17 countries. The experts proposed to formulate a plant protection policy in Pakistan, according to the recommendations made during the closing ceremony of the conference, the risk of new infectious diseases and invasive species in the country is increasing due to non-testing and quarantine of imported plants, seeds, and agricultural products from different countries. It was concluded that unnecessary use of pesticides be minimised and rationalized as they are main cause of various diseases including skin, stomach, eyesight, and respiratory problems in men, women, and children of Pakistan including Sindh, and cancer in rural women.

A Book entitled, “Textbook of Plant Nematology” was also launched during the Conference. The book has been written by Prof. Manzoor Hussain Soomro, President ECOSF together with his two co-authors; Dr. Erum Iqbal and Dr. Firoza Kazi of National Nematological Research Centre (NNRC), University of Karachi, Karachi- Pakistan. The book has been published by the Pakistan Society of Nematologists (PSN) in March 2022.

The book contains 16 chapters covering the latest information on the major fundamental and advanced aspects of plant parasitic nematodes. It includes; basic introduction, global and local historical development of Nematology, as well as its importance in agriculture. Prof. Dr. Manzoor Hussain Soomro also presented the book to the Vice Chancellor, Sindh Agriculture University Tandojam.



**President ECOSF addresses the FAO FFS Training of Facilitators at Tandojam Pakistan**

On 30 March 2022, President ECOSF Prof. Manzoor H. Soomro was invited to visit the ongoing Farmer Field School (FFS) Training of Facilitators (ToF) at Tandojam- Pakistan. FFS is an inquiry-based learning approach used by Food and Agriculture Organization (FAO) of the United Nations for capacity building of agriculture extension and development personnel as well as the farming community. However, before the farming community is trained, the Training of Facilitators (ToF) is organized to build the capacity of trainers as facilitators. Since, the FFS approach in Pakistan was pioneered by the team that included Prof. Manzoor Hussain Soomro, who in early 2000s worked for FAO-UN, he was invited by the FAO FFS Expert and National Programme Officer (NPO) Mr. Jam M. Khalid, to join the ToF on 30 March 2022 and share his experiences and wisdom with around 30 district officers across Sindh province as trainees.



Prof. Soomro was warmly received by Mr. Jam Khalid and Dr. Ashfaq A. Nahiyyun the FFS Coordinator for Sindh at the ToF. The NPO introduced Dr. Soomro to the participants and invited him to speak with the participants.

Dr. Soomro shared the original development of the programme in Pakistan by saying that FFS for integrated pest management (IPM) was first piloted in Pakistan by Dr. M. Ashraf Poswal from the CAB International Pakistan in 1996, and then in an EU funded Regional FAO IPM Programme for Cotton in Asia by the troika- Dr. M. Ashraf Poswal (CABI), Dr. Iftikhar Ahmad (PARC-GoP) and Dr. Manzoor H. Soomro (FAO) in 2001.



He also shared how the impact the IPM FFS was assessed and that the programme not only increased the knowledge, empowerment and decision making capacity of the participating farmers, but it had reduced the poverty of trained farmers by 12%. It also helped the biodiversity conservation and rural development as a whole, he said. Dr. Soomro also emphasized on the

participants to train the participants in hands-on activity for climate change education and shared with them that ECOSF is holding a training workshop for school teachers in climate change education and would be happy to support the FAO programme of FFS in Pakistan and beyond in the ECO Region.

### President ECOSF Prof. Manzoor Hussain Soomro and Co-authors publish the “Textbook of Plant Nematology”

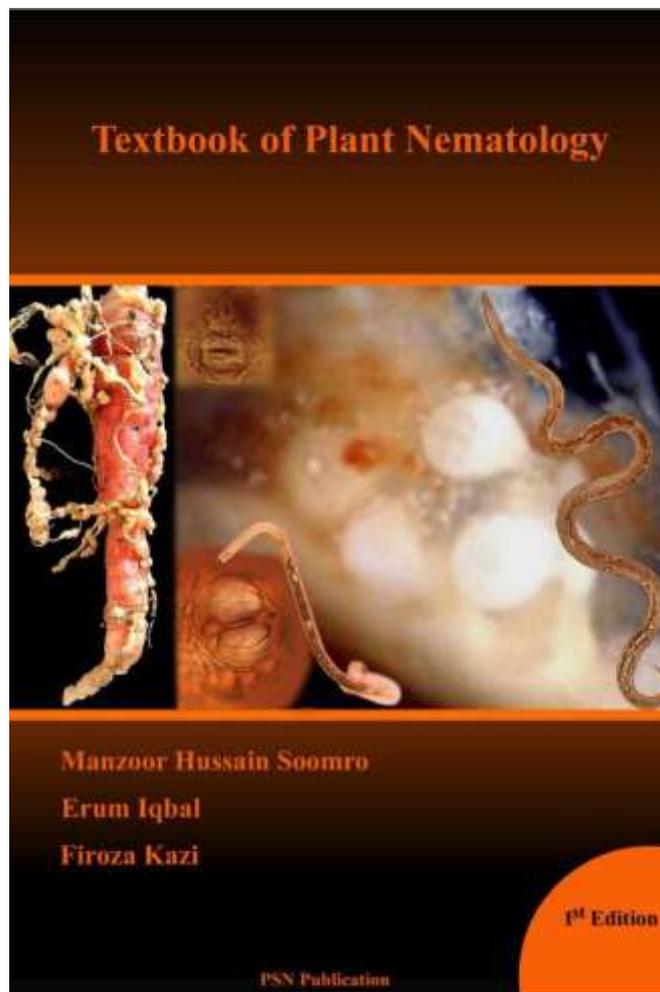
Prof. Manzoor Hussain Soomro, President ECOSF together with his two co-authors; Dr. Erum Iqbal and Dr. Firoza Kazi of National Nematological Research Centre (NNRC), University of Karachi, Karachi- Pakistan have written a book entitled, “**Textbook of Plant Nematology**”. The book has been published by the Pakistan Society of Nematologists (PSN) in March 2022.

Considering the importance of diversity and roles of nematodes in the ecosystem, and the fact that Plant Nematology is taught in degree programmes at various universities, not a single textbook on the subject has been produced in Pakistan. Thus, a dire need of such a textbook has been felt for quite some time for the benefit of students specializing in the subject at graduate and postgraduate levels. This book has been designed to cover the course outline of “Plant Nematology”, approved by the National Regulator- the Higher Education Commission (HEC) of Pakistan for B.S. and M.S. (Plant Nematology and Plant Pathology) degree programmes. It’s an open access book downloadable free of cost, DOI:10.33804/978.969.23704.0.0 and from the website <https://pjn.com.pk/>

The book contains 16 chapters covering the latest information on the major fundamental and advanced aspects of plant parasitic nematodes. It includes; basic introduction, global and local historical development of Nematology, as well as its importance in agriculture. It explains the techniques for the study of nematodes including their morphology, anatomy, structure and systematics; and the outline classification of the nematode fauna of Pakistan. The textbook also provides for taxonomy of important parasitic nematode genera along with their parasitism and habitat. It has a chapter on the most important nematodes including; root-knot and cyst nematodes; their life cycles, diseases caused by them, as well as disease symptoms, etiology and their management. Nematode-microbe interaction, nematode population dynamics and crop/yield loss assessment, also make part of the book. Exclusive chapters on nematodes as vectors of plant viruses, entomopathogenic nematodes and molecular nematology are also included in the book.

The authors hope that this “Textbook of Plant Nematology” with a touch of Pakistan perspective, would serve as a major guide book for students of Plant Nematology, Plant Pathology, Plant Protection, Microbiology, Environment, and Agriculture as a whole. Though the intended audiences of the book are students and researchers; the extension personnel, growers and those working in crop production and crop protection, would also benefit.

The book has been dedicated to the initiators of the science of Nematology in Pakistan but especially to the two dedicated Pakistani Nematologists, who got this science recognized in Pakistan, established Pakistan Society of Nematologists (PSN) and the National Nematological Research Centre (NNRC), i.e., Dr. M.A. Maqbool (1941-2016) and Prof. Dr. Shahina Fayyaz (1959-2020), who not only assisted Dr. Maqbool in all his endeavours, but further strengthened the NNRC, the PSN, and the Pakistan Journal of Nematology (PJNI).



The authors were very grateful to the two outstanding champions of agricultural research for writing the Forewords to the book; a living legend and developer of Pakistan's National Agricultural Research System and the Founder Chairman of Pakistan Agricultural Research Council (PARC)- Dr. Amir Muhammed and Dr. Z. A. Handoo, a very senior Nematologist at the US Department of Agriculture, ARS, Beltsville, MD, USA.

Publication of the book has been sponsored by Pakistan Science Foundation through Pakistan Society of Nematologists.

### President ECOSF attended the 2022 Academic Forum on Engineering Education and Engineering Culture

The 2022 Academic Forum on Engineering Education and Engineering Culture was hosted by Tsinghua University on March 1-2, 2022 under the theme "Engineering Education Reform and Sustainable Development—Call for Young People and Women to Participate in Engineering Education."

The forum attracted altogether over 1,500 scholars and experts from around the world. On behalf of ECOSF, President ECOSF, Prof. Dr. Manzoor Hussain Soomro attended the forum.

The forum held to mark the third World Engineering Day was organized by the UNESCO International Center for Engineering Education (ICEE), and co-organized by Tsinghua Symposium, with support from the World Federation of Engineering Organizations, the UNESCO International Science, Technology and Innovative Center for South-South Cooperation, and the Chinese Women's Research Society.



The particular emphasis of the forum on increasing women's participation in engineering education couldn't have come at a better time as it fits well with the theme of this year's International Women's Day "Gender equality today for a sustainable tomorrow."

Yang Bin, Vice President and Provost of Tsinghua University, who is also the Executive Director of the ICEE, delivered opening remarks at the forum.

He said that Tsinghua University hoped to leverage the platform of the ICEE to share China's best practices in engineering education with countries around the world, jointly promote global engineering education and call for more young people and women to participate in engineering education.

"We managed to put in place a complete engineering education system that suits the realities in China. Remarkable achievements have since been made. The Chinese government has been a champion of gender equality and equal opportunities to create a better policy environment for women to unleash their full potential and play their due part in society," he said.

Yang noted in his speech that engineering education undertakes the mission of producing highly qualified engineers, and that numerous highly skilled and professional engineers and technologists have entered the workforce across the globe thanks to the advances in engineering education programs. He, however, mentioned that, although women engineers and technologists represented a vital part of the community, a lack of highly qualified professionals and the prevalent glass ceiling still pose great challenges.

Yang pointed out that in recent years, Tsinghua University has invested more in engineering education, established the Engineering Doctoral Program for innovative leaders, and strengthened international exchanges and cooperation.

He also informed the forum that Tsinghua held the Global Forum of University Presidents 2021 and issued the GFUP Tsinghua Consensus. Likewise, on World Engineering Day last year, the ICEE and UNESCO jointly released the Engineering for Sustainable Development report. The report was jointly supported by Tsinghua University and the Chinese Academy of Engineering. Audrey Azoulay, Director-General of UNESCO, praised it as an important milestone in UNESCO standards-setting work.

H.E. Ms. Irina Bokova, the former Director-General of UNESCO, noted in her speech that engineering education as well as a call for young people and women to participate in engineering education are essential to achieving the 2030 Sustainable Development Goals. She emphasized that engineering was the engine that drives the great transformation of China which amazed the world. There could hardly be a place better than Tsinghua University to celebrate the power of engineering. Moreover, the ICEE is a highly effective organization as evidenced by its continuous efforts to deepen cooperation among international organizations amidst the COVID-19 pandemic.



She also said that engineering education should go beyond the traditional boundaries and take an inter-disciplinary approach. Participation of young people and women is vital to engineering as their bright minds prove to be invaluable assets, and this is also consistent with the guiding principles of the Engineering for Sustainable Development report.

In his speech, Gong Ke, President of the World Federation of Engineering Organizations (WFEO) who is also a member of ECOSF's International Advisory Board, said that the WFEO attaches great importance to the role of women in sustainable development and focuses on the well-being of humankind. He said that the WFEO hoped to deepen cooperation with the ICEE to jointly promote the progress of engineering education. He pointed out that the focus on sustainable development, integration into the digital economy, a cross-cultural and inter-disciplinary approach, and teaching students about professional ethics are crucial in engineering education.



Lee Yee Cheong, Honorary Chairman of Governing Board of UNESCO International Science, Technology and Innovation Center for South-South Cooperation (ISTIC), said that UN members should make efforts to achieve SDG 1: No Poverty. China has been a pioneer in poverty alleviation through building a moderately prosperous society and achieving progress in infrastructure construction. It can be said from China's experience in promoting engineering development that engineering technologies lay the groundwork for poverty alleviation.

Tan Lin, Vice President of the Chinese Women's Research Society and former Vice President of the All-China Women's Federation, highlighted the significance of gender equality in engineering education. She said prioritizing gender equality helps achieve UN SDGs, better implement the basic national policy, and encourage more young women to receive engineering education and even pursue their careers in this field.



Xiang Botao, Deputy Secretary of the CPC Tsinghua University Committee and Vice Chairman of Tsinghua Symposium, moderated the opening ceremony of the forum.

Following the opening ceremony, Prof. Ms. Wu Qidi, former Vice Minister of Education, China and Director of the ICEE, moderated the thematic symposium on "Reform and Strategic Thinking on Engineering Education."

On the last day of the forum, Han Jingyang, former Vice Chairperson of the Tsinghua University Council and Vice Chairperson of Tsinghua Symposium, moderated the first session of the thematic symposium on “Engineering Education and Engineering Culture, while Yuan Si, Vice Chairperson of the Tsinghua University Council and Executive Director of the ICEE moderated the second session.



Renetta Tull, Vice Chancellor of the University of California Davis, Peggy Oti-Boateng, Director of the Division of Science Policy and Capacity Building of the UNESCO Natural Sciences Sector, Norlida Buniyamin, President-Elect of the Institution of Engineers Malaysia, Li Zhengfeng, Deputy Director of the Institute of the Belt and Road Initiative of Tsinghua University and member of Tsinghua Symposium, and Cong-Thang Huynh, Co-founder and CEO of InnoLab Asia, delivered speeches.

Zhang Dongmei, Professor of Tongji University, Marlene Kanga, former President of the WFEO, Anette Kolmos, Director of the Aalborg Center for Problem Based Learning in Science, Engineering and Sustainability at Aalborg University in Denmark, and Jiang Hui, postgraduate of the Department of Chemical Engineering at Tsinghua University, delivered their remarks.

Kang Jincheng, special expert with the ICEE and former Chief of the Bureau of International Cooperation of the Chinese Academy of Engineering, Li Shuangshou, Director of the Fundamental Industry Training Center of Tsinghua University, Li Donghai from the Department of Energy and Power Engineering at Tsinghua University, and Lu Yang from the Institute of the Belt and Road Initiative of Tsinghua University, also attended the forum.

#### Upcoming Events posted on ECOSF website and Facebook page

##### **International Workshop on Development of Food Green Cities for Urban Sustainability**

To develop Food Green Cities combining urban agriculture and the land used in planning and management system along with solid waste management to provide healthy food and social living environments with improving socio-economic and employment generation in the cities, the Centre for Science & Technology of the Non-Aligned and Other Developing Countries (NAM S&T Centre), New Delhi jointly with Nepal Academy of Science and Technology (NAST), Lalitpur, Nepal is organizing a two days International Workshop on ‘Development of Food Green Cities for Urban Sustainability’ during April 26-27, 2022.

The Workshop will be hosted by NAST and organized in Virtual-Mode.

Read More: <http://ecosf.org/Food-Green-Cities-for-Urban-Sustainability>

##### **11th INOTEX Exhibition**

The International Innovation and Technology Exhibition (INOTEX) is the confluence of the most important and key players in the innovation and technology ecosystem of Iran and the region. 11th INOTEX Exhibition, the biggest innovation and technology event is being held at Pardis Technology Park, Iran from 10-13 May 2022.

Read More: <http://ecosf.org/11th-INOTEX-Exhibition>