



ECOSF NEWSLETTER



ECOSF hosted a comprehensive Training Workshop on Scaling Up Electric Mobility in the ECO Member Countries in Partnership with NEVC China.

The National New Energy Vehicle Technology Innovation Center (NEVC) of China in collaboration with the Economic Cooperation Organization Science Foundation (ECOSF), Pakistan successfully held the two-week training workshop on China New Energy Vehicle Technology, held from April 15 to April 28, 2024. As part of the concluding ceremony of the Training Workshop, NEVC and ECOSF organized a Joint Regional Forum on Electric Mobility on April 27.



Hosted by the Department of International Cooperation, Ministry of Science and Technology of the People's Republic of China, the Forum was organized under the theme "**Leverage China's technological prowess for advancing electric mobility in the ECO Member Countries.**"

Dr. Ghulam Muhammad Memon, Executive Director ECOSF and Mr. Zheng Guangzhou, Vice General Manager of NEVC signed MoU on behalf of their respective organizations during the concluding ceremony for the training workshop.



The Forum was supported by key collaborators including Beijing International Science and Technology Exchange Center (BISTEC), Shanghai Launch Automotive Technology Co., Ltd., Beijing Huaxia Hanhai Education and Technology Co., Ltd., JaevRI (Changzhou) Alternative Energy Vehicle Technology Co., Ltd., and Beijing Lixing Shiyuan Education and Technology Co. Ltd.

The two-week training workshop focused on enhancing the technological and policy-making capacities of ECO Member Countries in various aspects of Electric Mobility technology and solutions. Over 15 participants from ECO Member Countries, including Iran, Pakistan, Turkey, Azerbaijan, Kazakhstan, Tajikistan, and other countries contributed to the training workshop. The training workshop was led by leading Chinese experts in the field of electric vehicles (EVs) who delivered insightful sessions and lectures on various important topics such as electric vehicle policies, drivetrain technologies, battery technologies, smart manufacturing, autonomous driving, and charging and battery swapping infrastructure etc.

Read more: <http://ecosf.org/Scaling-Up-Electric-Mobility-1>

President ECOSF, Prof. Tayebi participated in the International Conference on Energy Resilience and Sustainability (ICERS) 2024

President of ECOSF, Prof. Seyed Komail Tayebi participated in the International Conference on Energy Resilience and Sustainability (ICERS) 2024, organized by Sharif University of Technology (SUT) in Tehran from April 18-21, 2024. The 4-day conference was held at the Iran National Library and the Faculty of Computer Sciences, SUT in cooperation with ECOSF.

The conference addressed important aspects of energy challenges across seven panel sessions: Energy Policy and Planning, Energy Governance and Management, Energy Security, Energy Financing and Investment, Energy and Environment, Emerging Technologies and Industries, and Energy Resources. The session on “Energy Security” was moderated by Prof. Tayebi. As the first speaker, Prof. Tayebi delivered a presentation on "Energy Security in the ECO Region: Assessing Resilience and Sustainability." He discussed how energy security is closely linked to economic growth and development and is a fundamental requirement for industrialization, transportation, and agriculture, which are the pillars of modern economies.



Read more: <http://ecosf.org/ICERS-1>

President ECOSF delivered presentation at TED-TALKS 5 at ICERS Conference

On April 20, 2024, as part of the ICERS conference organized by Sharif University of Technology, TED talks were delivered by experts, including scientific paper presentations in oral and poster formats, as well as technical exhibitions. Prof. Tayebi presented

on the importance of international organizations, particularly focusing on the role of ECOSF in TED-TALK 5 during the ICERS Conference.

Prof. Tayebi first explained that an international organization is an entity with international/regional memberships, scope, benefits, limitations, and diverse functions. Additionally, international organizations facilitate technical cooperation through supervisory methods and technical assistance. He emphasized that among all activities of international organizations, negotiating and setting up multilateral agreements are the most important. Minimizing transaction costs can strengthen cooperation between different countries.



Read more: <http://ecosf.org/TED-TALKS-5>

ECOSF Delegation Visited Yufa Town and Explored Business Opportunities in Beijing's Airport Daxing Economic Zone



The Economic Cooperation Organization Science Foundation (ECOSF) delegation, led by Engr. Khalil Raza, Programme Manager Energy and Climate, embarked on a significant visit to Beijing's Daxing Economic Zone on April 27, 2024. The visit, part of a broader agenda that included a Training Workshop on China's New Energy Vehicles hosted by the National New Energy Vehicle Technology Innovation Center (NEVC), aimed to explore investment and business opportunities in the thriving economic landscape of Daxing.

Read more: <http://ecosf.org/Yufa-Town>

ECOSF participated in the 2024 Zhongguancun (ZGC) Forum and Contributed to the Panel Discussion on ‘Green Energy and Green Finance for Sustainable Society’.

ECOSF participated in the 2024 Zhongguancun Forum – Reflecting the theme of "Innovation: Building a Better World, held in Beijing on April 26, provided a platform for renowned experts from around the world to delve into innovative solutions and foster partnerships in these critical fields. This year's forum featured a diverse range of events aimed at promoting collaboration and exploring cutting-edge advancements in science and technology.

The Forum, jointly organized by the Chinese Academy of Sciences and the National Energy Administration, gathered experts from renowned institutions and industry leaders to discuss the implications and applications of energy storage and hydrogen technology within the context of the dual carbon strategy.



On behalf of the Economic Cooperation Organization Science Foundation (ECOSF), Engr. Khalil Raza, Programme Manager Energy and Climate ECOSF, was invited to participate in this prestigious event by the Beijing Association for Science and Technology (BAST).

Read more: <http://ecosf.org/Zhongguancun>

ECOSF Participated in the Beijing Auto Show Highlights Electric Mobility and Innovation

On April 28, Mr. Khalil Raza, Programme Manager Energy & Climate at ECOSF, represented the ECOSF at the Beijing Auto Show in China. His experience shed light on the automotive industry's shift towards electric mobility and cutting-edge innovation.



Read more: <http://ecosf.org/the-Beijing-Auto-Show>

ECOSF Delegation's Industrial Tour at Great Wall Motors Headquarters

The ECOSF delegation had the privilege of an engaging industrial tour to the headquarters of Great Wall Motors (GWM) in China. This tour was arranged by the National New Energy Vehicle Tehnology Innovation Center (NEVC) as part of the training workshop

on China's New Energy Vehicles, as co-organized by the ECOSF. This tour provided a comprehensive insight into GWM's pioneering advancements in electric and hybrid electric vehicles, solidifying its reputation as a leader in the automotive industry.

Great Wall Motors is a renowned Chinese privately owned automobile manufacturer based in Baoding, Hebei. Established in 1984, the company has garnered international acclaim for its expertise in electric and hybrid electric vehicles. Named after the Great Wall of China, GWM is the largest producer of sport-utility vehicles (SUVs) and pick-up trucks in China. The company boasts a diverse portfolio of vehicle brands, including GWM, Haval, Wey, Tank, Poer, and Ora, with a significant focus on electric vehicle production under these brands. Notably, GWM entered a joint venture with BMW Group in 2019, forming Spotlight Automotive to produce electric Mini vehicles in China.



L-R: Mr. Cao Mingxing NEVC, Mr. Liu Yuxin, General Manager of GWM, Mr. Khalil Raza from ECOSDF and Mr. Majid Azimi from Iran.

Read more: <http://ecosf.org/Great-Wall-Motors>

ECOSF Delegation Visited to Baidu Apollo Park for Autonomous Driving Experience in Beijing

April 23, 2024 - The ECOSF delegation had the opportunity to visit Baidu's Apollo Park, a hub for autonomous driving technology, in Beijing. This visit provided an immersive experience of autonomous driving and showcased Baidu's pioneering efforts in the automotive industry in fully self-driving capabilities.



Baidu, often referred to as China's Google, is a leading technology company known for its innovations in artificial intelligence and autonomous driving. The Apollo Project, a collaboration between Baidu, Kinglong, and a consortium of over 40 companies, focuses on developing driverless vehicles. This project represents a significant leap towards the future of transportation, emphasizing fully autonomous driving capabilities.

Read more: <http://ecosf.org/Baidu-Apollo-Park>

Advisor ECOSF addresses the 6th International Conference on Advances in Biosciences at GCU Lahore

The 6th International Conference on Advances in Biosciences was organized by the Biological Society of Pakistan (BSP) and the Government College University (GCU) Lahore, Pakistan on 18-19 April 2024 at the GCU. The conference was supported by the GCU, Punjab Higher Education Commission and Pakistan Science Foundation.

The conference was opened by Prof. Dr. Kauser Abdulla Malik, the Former Federal Minister of Food Security and Research of Pakistan, President of Pakistan Academy of Sciences and the Dean of Postgraduate Studies at the Foraman Christian College University Lahore. In his speech Prof. Kauser Malik, highlighted the importance of biosciences and the global developments taking place especially in the wake of pandemics and food insecurity and emphasized on scientific community to address the newer issues of plant and animal as well as human sciences in the wake of climate changes badly affecting Pakistan.



On behalf of ECO Science Foundation (ECOSF), its Advisor and Immediate Past President Prof. Manzoor Hussain Soomro joined the conference. He chaired the first plenary session, where Prof. Kauser A. Malik and Prof. M. Qaiser, both renowned Pakistani scientists were the plenary speakers.

Read more: <http://ecosf.org/Advances-in-Biosciences>

ECOSF and UISMS Jointly Host Lecture on Popularizing Mathematics and Science by Dr. Sadegh Dorri Nigoorani

April 24, 2024 - As part of the Lecture Series on Popularizing Mathematics and Science, jointly hosted by the ECO Science Foundation (ECOSF) and the Union of Iranian Societies of Mathematical Sciences (UISMS), a webinar entitled "Cybersecurity and Privacy Skills Necessary for Today's Life" was organized, featuring speaker Dr. Sadegh Dorri Nigoorani. The session was moderated by Prof. Manzoor H. Soomro, Advisor to the ECOSF.

Dr. Sadegh Dorri Nigoorani is an assistant professor and the head of the Blockchain Laboratory at the Electrical and Computer Engineering Faculty of Tarbiat Modares University. He is also an active member of the Iranian Society of Cryptology. He holds an M.S. in Computer Networks and a Ph.D. in Computer Engineering from Sharif University of Technology. His research interests include blockchain and distributed ledger technology, security, privacy, trust, and distributed systems design.

In this webinar, Dr. Dorri explained the importance of general knowledge and abilities in the field of cybersecurity and privacy in cyberspace, highlighting the most important issues that every citizen should master in this field.

Recording of the webinar is available at: <https://www.youtube.com/watch?v=MRob-Jt1K-A>

President ECOSF visited INSF to discuss areas of mutual collaboration and promote STI in the ECO region.

President of ECOSF, Prof. Seyed Komail Tayebi visited the Iran National Science Foundation (INSF) on April 7, 2024 and held a meeting with Prof. Ali Mohammad Soltani, Vice President for Research and Technology at INSF, and Dr. Saeid Maddah, Head of International Affairs at INSF.



The discussion focused on implementing joint research collaborations between Iran and Pakistan via INSF, the Higher Education Commission (HEC), and the Pakistan Science Foundation (PSF). They aimed to promote bilateral cooperation in basic and applied research across all fields of science, humanities, and technology. They agreed to support mutually agreed-upon areas and regional research priority areas of the ECO region.

Science promotion activities of mutual interest also included joint scientific meetings, conferences, symposia, workshops, exhibitions, and more. The exchange of individual scientists for conducting research work, sharing information about ongoing research activities, adopting scientific methods, and establishing scientific contacts for developing research projects were also recommended. Read more: <http://ecosf.org/INSF-2>

President ECOSF was invited by ICCIMA to deliver presentation on “Digital Trade, STI and Sustainable Development: Implications for ECO Region.”



April 13, 2024 - Following an invitation from Mr. Keshani, Chairman of the Isfahan Chamber of Commerce, Industries, Mines, and Agriculture (ICCIMA), President of ECOSF, Prof. Seyed Komail Tayebi, delivered a presentation on “Digital Trade, STI, and Sustainable Development: Implications for the ECO Region” Professor Tayebi discussed that development is about people, not necessarily the economy. He added that sustainable development is a process that improves the welfare of the population by

creating an enabling environment for people. He emphasized that enhancing the digital economy, STEM, and STI are key instruments to achieve the SDGs.

Prof. Tayebi also discussed the Digital Economy, which incorporates all economic activities reliant on or significantly enhanced by digital inputs, including digital technologies, digital infrastructure, digital services, and data. He mentioned that we are in the midst of a 4th Industrial Revolution, where entire sectors of the economy are going digital. Even though we may not know what tomorrow's occupations will be, most research agrees that these future jobs will require strong critical thinking, adaptability, and continuous learning. It is therefore urgent to develop global competencies and technological skills that will allow individuals and SMEs to thrive in the world of tomorrow for a sustainable future.

Read more: <http://ecosf.org/ICCIMA-2>

President ECOSF visited University of Sistan and Baluchestan

April 17, 2024 - Prof. Seyed Komail Tayebi, President of ECOSF, traveled to Zahedan, Sistan and Baluchestan Province, to attend a one-day meeting at Sistan and Baluchestan University (USB). The invitation was extended by the President of USB, Prof. Gholam Reza Rezaei. Dr. Ali Ghannadi and Dr. Ehsan Sheikhou from MSRT accompanied President Tayebi on this trip. Representatives from Kerman University, Hormozgan University, and Zabol University also attended the meeting, which was hosted by USB.

At the beginning, Prof. Rezaei warmly welcomed President Tayebi and the other participants expressing USB's willingness to cooperate with ECOSF on leading scientific projects in the ECO region. Dr. Ahmad Nasser, Director of the International Office at USB, delivered an introduction to USB's capabilities and facilities, highlighting opportunities for collaboration in the region. Other representatives then introduced their respective institutions.



Read more: <http://ecosf.org/Sistan-and-Baluchestan>

President ECOSF visited Sistan and Baluchestan Science and Technology Park of Sistan and Baluchestan (STPSB) in Zahedan

April 17, 2024 During his trip to Zahedan, Prof. Tayebi was invited by the president of STPSB, Prof. Dr. Mohammad Nabi Sheihaki to visit the Science and Technology Park of Sistan and Baluchestan located in the city of Zahedan, Province of Sistan and Baluchestan, Iran.

Delegates from MSRT, USB, Kerman University, Hormozgan University, and Zabol University accompanied Prof. Tayebi. During the visit, Dr. Sheihaki, President of SBTP, explained the park's activities in science, technology, and innovation. Prof. Tayebi highlighted the important role of this park and its potential to collaborate with other technology parks in the ECO region. He added that since the Province of Sistan and Baluchestan neighbors the Province of Baluchistan in Pakistan, there would be a good opportunity for technological institutions in the region to explore collaboration possibilities. Dr. Sheihaki mentioned that the park welcomes any technology and scientific groups to visit STPSB.



Read more: <http://ecosf.org/STPSB>

President ECOSF received appreciation of the ECOSF2024 for his contribution to the ICERS Conference

April 22, 2024- on the final day of the ICERS conference, professor Tayebi attended the International Conference on Energy Resilience and Sustainability (ICERS2024) conference at Sharif University of Technology. Prof. Abbaspour, the conference chair, appreciated the important role of the ECOSF in the conference, specially moderating the Session of Energy Security as well as delivering the TED Talk of ECOSF introduction at the conference participants. Prof. Tayebi also shared the points with the Conference Statement. A part of statement addresses one of humanity's most pressing problems as energy is crucial in achieving all goals formulated in the Sustainable Development Goals (SDGs) as resolved by the Member States at the UN General Assembly in 2015. With this conference, the first step has been made to attract the attention of the scientific community, educators, government agencies, private sectors, international organizations economic actors, and all affected stakeholders in a dialogue that needs to accompany the transition period ahead of us.



Read more: <http://ecosf.org/ECOSF2024>

President ECOSF Meets Univeristy of Tehran's Vice-President for International Affairs

President of ECOSF met with Prof. Elham Aminzadeh, Vice-President for International Affairs at the University of Tehran (UT), to discuss collaboration under their signed MOU. Both parties explored the potential for expanding international and regional academic relations to create a broader scientific network among active nations in the field.

Prof. Tayebi emphasized that scientific collaboration transcends political borders, highlighting the diverse ways in which ECOSF has fostered connections with non-ECO member countries. Dr. Aminzadeh acknowledged the crucial role of ECOSF in scientific diplomacy within the ECO region, noting that UT and ECOSF can form a cooperative front to enhance higher education development beyond regional boundaries.



President ECOSF met with Vice-president for Education at the University of Isfahan.



President ECOSF, Prof. Seyed Komail Tayebi met Dr. Mohammad Faramarzi, Vice-president for Education at the University of Isfahan (UI), to discuss cooperation between ECOSF and the UI on April 24, 2024. Dr. Mohammad Amiryousefi, Director of International Scientific Cooperation office also attended the meeting. During this discussion, Prof. Tayebi brought up the importance of the University's IBSE (Inquiry Based Science Education) center and asked Dr. Faramarzi to look into the topic further. Dr Faramarzi also reaffirmed that the University will offer some scholarships to the ECO region in the near future.

Upcoming Events posted on ECOSF website and Facebook Page

Call for Papers: The 21st International ISC Conference on Information Security and Cryptology (ISCISC 2024)

The 21st International ISC Conference on Information Security and Cryptology (ISCISC 2024), is being organized by Tarbiat Modares University, Tehran, Iran, in collaboration with the Iranian Society of Cryptology (ISC). The conference will take place on October 16-17, 2024. ISCISC 2024 aims to bring together researchers, engineers, and practitioners who share a keen interest in various aspects of information security and cryptology.

Important Dates

- Paper submission: June 15, 2024
- Workshop proposals: June 15, 2024
- Decision Notification: August 14, 2024
- Conference : October 16-17, 2024

More information:

- Visit the conference website for further details: <https://iscisc2024.modares.ac.ir>
- Fax: +98 (21) 82884325
- Email: iscisc2024@isc.org.ir, iscisc2024@modares.ac.ir
- Skype: <https://join.skype.com/invite/DMa4cyrvhj59>

The 2024 International Photo Competition for the Future: Save the Earth, Save Us All



National Science Museum (NSM) is organizing the International Photo Competition for the Future themed "**Save the Earth, Save Us All**"

Proposal submissions are open for selection and join presentations, divided into 2 categories.

- Reportage Photo
- Campaign Photo

The deadline of submission: 20 June 2024 (5 p.m., UTC+7)

Read more: <http://ecosf.org/International-Photo-Competition>