



ECOSF NEWSLETTER



ECOSF Participates in 10th Belt and Road Teenager Maker Camp and Teacher Workshop in Nanning

The Economic Cooperation Organization Science Foundation (ECOSF) participated in the 10th Belt and Road Teenager Maker Camp and Teacher Workshop, held in Nanning, Guangxi Zhuang Autonomous Region, China, from 18–23 September 2026 under the theme “AI Education for a Better Future.” The event brought together more than 200 participants from 24 countries and autonomous regions for youth science education, hands-on learning, teacher exchange, technological exposure and cultural interaction.



As a supporting organization, ECOSF facilitated the participation of 48 students and teachers from seven ECO Member States—Azerbaijan, Iran, Kazakhstan, Kyrgyzstan, Pakistan, Tajikistan and Türkiye. The ECO contingent comprised 46 participants, while the ECOSF delegation included Prof. Seyed Komail Tayebi, President ECOSF, and Mr. Ghulam Abbas Rahar, Manager (Administration), ECOSF.

The programme featured a diverse range of science, technology and cultural activities. ECOSF delegates and ECO participants visited the 23rd China-ASEAN Expo, the Guangxi Subtropical Botanical Garden, Guangxi Science and Technology Museum, Anthropology Museum of Guangxi, China-ASEAN Artificial Intelligence Collaborative Innovation Center and China-ASEAN Satellite Remote Sensing Application Center. These visits provided participants with practical exposure to artificial intelligence, robotics, satellite remote sensing, natural sciences, environmental knowledge and cultural heritage.

During the programme, an official meeting was also held with Mr. Feng Shenhong, Vice-President of the China Association for Science and Technology (CAST). Discussions highlighted opportunities for international cooperation, including young scientist exchanges, talent and youth capacity building, engineering experience-sharing, and the promotion of science, technology and innovation.



A notable highlight was the interview of ECOSF President Prof. Seyed Komail Tayebi by CCTV during the visit to the Guangxi Science and Technology Museum. Prof. Tayebi highlighted the Maker Camp as an important platform for science, technology and innovation and people-to-people exchange, providing young people with opportunities for hands-on scientific activities, cultural exchange and international networking.



The participation of ECOSF and seven ECO Member States strengthened the visibility of the ECO region within the Belt and Road science-education exchange and reinforced ECOSF's role as a platform for regional cooperation in science, technology and innovation education. The programme also provided opportunities to explore future collaboration with CAST, CYSC, BRISEC and other international science-education partners, particularly in AI literacy, maker education, STEM and teacher capacity building.

[Click here](#) to view the report.

ECOSF attended 2026 Annual Meeting of BRISEC held in Nanning, China

The Annual Meeting of the Belt and Road International Science Education Consortium (BRISEC) was held on September 22, 2026, in Nanning, China. The meeting was chaired by Prof. Manzoor Hussain Soomro, Vice President of BRISEC, who welcomed the members attending both physically and online.



Ms. Xin Bing, Director General, Children and Youth Science Center of CAST (CYSC), presented the highlights of BRISEC's annual work covering July 2025 to August 2026. She emphasized BRISEC's continued efforts to advance international science and education cooperation and promote people-to-people exchanges among science and education institutions, youth and science and technology teachers of member countries.

During the reporting period, BRISEC strengthened multilateral and bilateral cooperation. Its members participated in the 40th China Adolescents Science and Technology Innovation Contest (CASTIC), involving youth from 27 countries, and supported the Initiative on Advancing AI-enabled Cultivation of Future Innovative Talents. Ms. Xin Bing also highlighted cooperation with UNESCO and other partners, including the World Science Day for Peace and Development event in Islamabad, STEM Summer Science Camp and other science and education activities. The Secretariat published three quarterly newsletters, initiated quarterly online exchanges on AI education and regional science education, developed 21 science-popularization videos for African youth, and introduced an online maker course on intelligent transnational transportation robots. Regional cooperation platforms covering ASEAN, Central Asia, ECO region, Arab States, and the Lancang-Mekong region were also established to promote youth science and people-to-people exchanges.

The meeting was attended physically and online by the representatives from 27 national, regional and international member institutes/organizations who presented the progress of the activities done during the reporting period.

Prof. Seyed Komail Tayebi, President ECO Science Foundation (ECOSF), also made a presentation, introducing ECOSF, its objectives and major activities undertaken during the reporting period. He highlighted the Islamabad STEM Camp, observance of World Science Day and World Water Day 2026, and science webinars organized in collaboration with regional and international organizations.



Then, Prof. Tayebi proposed ECOSF proposes establishing a joint working mechanism among interested member institutions to identify priority activities, participating institutions and available expertise. A pilot programme could initially focus on AI and STEM educator training, student maker activities, and digital resource sharing, followed by expansion into joint research and regional standard-setting. Hence, BRISEC platform can be used for this purpose.

Through coordinated efforts, he added, the initiative can contribute to developing a new generation of scientifically literate, technologically skilled and innovation-oriented young people, while strengthening mutual exchange and cooperation among the participating countries.

Prof. Tayebi appreciated the BRISEC Secretariat for its efforts in organizing and supporting science and education activities among countries along the Belt and Road.

During the meeting, the organizations/institutions from China, Algeria and Iran that had expressed interest in joining BRISEC were granted observer status.

Ms. Xing Bing DG of CYSC was unanimously elected as Vice President and Secretary General of BRISEC and Mr. Qian Cheng, Deputy Director of CYSC elected as Vice Secretary General of BRISEC.

The meeting concluded with a vote of thanks.

CECECO and ECO Science Foundation Hold Regional Webinar on Sustainable Transport and Electric Mobility in the ECO Region

Islamabad/Baku, 28 September 2026 — The ECO Science Foundation (ECOSF) and the Economic Cooperation Organization Clean Energy Center (CECECO) jointly organized a regional webinar titled “**Sustainable Transport and Electric Mobility in the ECO Region**,” bringing together policymakers, experts, and practitioners to discuss transport emissions, electric vehicle adoption, and the transition towards sustainable mobility across the ECO region.

The webinar, moderated by Ms. Nigar Shukurova from CECECO, addressed the growing importance of sustainable transport amid increasing mobility demand. Discussions focused on electric vehicle adoption, renewable energy, charging infrastructure, regulatory frameworks, and investment opportunities.



In his welcoming remarks, **Prof. Seyed Komail Tayebi**, President ECOSF, highlighted the importance of regional cooperation, sharing experiences, common standards, and capacity building to advance sustainable transport and electric mobility. He also

highlighted the region's transport emissions, growing electric vehicle market, and opportunities for joint action among ECO Member Countries.

Ms. Aysel Yagubova, Executive Director of CECECO, underlined the position of integrating electric mobility with the broader clean energy transition. She emphasized the role of renewable energy, reliable electricity grids, energy storage, and charging infrastructure in supporting sustainable transport, reducing transport-related emissions, improving urban air quality, and strengthening energy security.

H.E. Ambassador Silapberdi Nurberdiyev, Deputy Secretary General of the ECO Secretariat, delivered special remarks on behalf of the Secretariat, emphasizing the role of sustainable transport and electric mobility in strengthening economic resilience, reducing environmental impacts, and promoting green innovation across the region. He also referred to the importance of regional cooperation and knowledge exchange among ECO Member Countries.

Mr. Jinlei Feng, Programme Officer for Policy Advice at the International Renewable Energy Agency (IRENA), presented a global perspective on policies for the electrification of road transport, addressing policy approaches and enabling frameworks for accelerating the transition.

Prof. Madjid Abbaspour, Professor at the Energy & Environment Group of Sharif University of Technology, discussed the regional perspective on scaling up electric vehicle adoption in the ECO region, highlighting key challenges and opportunities, including higher purchase cost, charging infrastructure gaps etc.

Mr. Khalil Raza, Programme Manager – Energy & Climate at the ECO Science Foundation (ECOSF), presented an analysis of transport emissions and electric vehicle trends across the ten ECO Member Countries. He highlighted the region's growing EV-market and outlined key policy priorities, including clean energy integration, predictable incentives, local manufacturing, and sustainable financing to accelerate electric mobility.

The webinar stressed the significance of harmonizing standards, developing interconnected charging networks along regional transport corridors, and strengthening cooperation in research, technology, and knowledge exchange.

The event provided a platform for sharing experiences, identifying common challenges, and exploring practical opportunities for regional cooperation in sustainable transport and electric mobility, reaffirming the importance of collaboration in supporting a cleaner, more connected, and sustainable ECO region.

At the end, the vote of thanks was delivered by Prof. Tayebi and Ms. Aysel Yagobova.

ECOSF Co-organizes the "Best Practices in Education" Session at International Conference on Research and Practices in Education (ICRPE) 2026

Islamabad, 22 September 2026- The ECO Science Foundation (ECOSF) co-organized the "Best Practices in Education" session of the 9th International Conference on Research and Practices in Education (ICRPE 2026), held at Allama Iqbal Open University (AIOU), Islamabad, on 22 September 2026. The session brought together education leaders, institutional heads and sector experts to discuss innovative frameworks, inclusive practices and systemic advancements in the learning ecosystem. The session was moderated by Dr. Tahira Bibi of the Faculty of Education, AIOU.

Representing ECOSF, **Mr. Khalil Raza**, Program Manager delivered a talk titled "**Beyond the Classroom: Innovative Approaches to STEM Education through Inquiry, Climate Action and Experiential Learning**". He highlighted the links between sustainability, climate literacy and capacity building in education, and stressed the role of regional cooperation and modern technological tools in building future-ready learning ecosystems.

Mr. Muhammad Irfan, Founder and Principal/CEO of Kingston School for Inclusive Education, shared grassroots implementation models and practical classroom-level interventions for mainstreaming inclusive education in schools. **Mr. Ali Asghar**, Director General of the National Commission for Human Development (NCHD), presented large-scale literacy initiatives and community-based non-formal education frameworks aimed at bridging educational gaps in remote and underserved areas.



Mr. Bilal Aziz, Program Specialist at the Japan International Cooperation Agency (JICA) Pakistan, outlined international technical cooperation frameworks, bilateral education projects, and technical and vocational education and training (TVET) best practices supported by JICA in Pakistan. **Dr. Shagufta Khanum**, Vice President of VOICE Society for the Rehabilitation of Persons with Disabilities, Lahore, addressed strategies for barrier-free learning environments and the policy measures needed for the educational and social inclusion of persons with disabilities.

The session concluded with the following key recommendations:

- Integrate inquiry-based, experiential STEM learning linked to climate action into school curricula, backed by teacher training and regional cooperation.
- Mainstream inclusive education by equipping schools with practical classroom-level tools and trained staff, scaling up proven grassroots models.
- Expand community-based non-formal education and literacy programs to reach out-of-school children and adults in remote and underserved areas.
- Strengthen technical and vocational education and training (TVET) through international partnerships aligned with labour-market needs.
- Ensure barrier-free learning environments and supportive policies so that persons with disabilities have full access to education.

UNESCO, COMSATS and ECOSF Launch Regional Webinar Series with Session on Bioethics and Human Rights

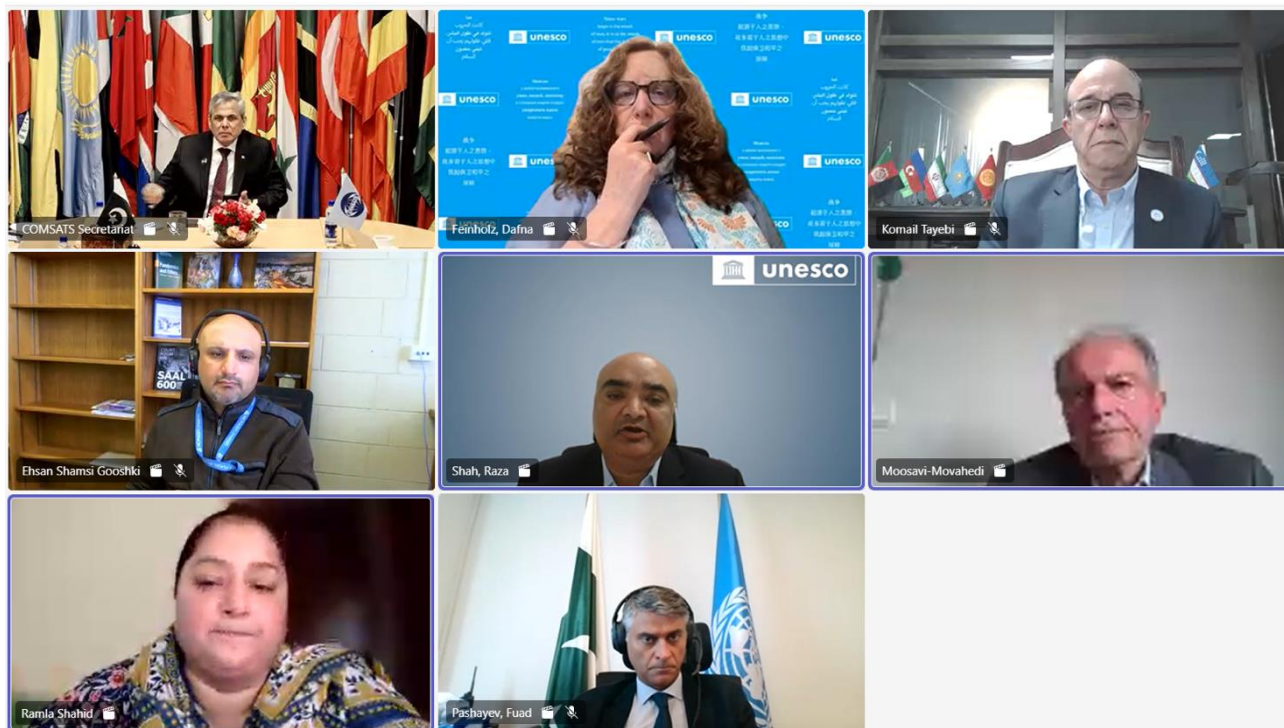
The ECO Science Foundation (ECOSF), in partnership with UNESCO and COMSATS, launched the joint UNESCO–COMSATS–ECOSF Regional Webinar Series on 9 September 2026. The inaugural session focused on UNESCO initiatives on bioethics and human rights.

The webinar opened with remarks by distinguished organizational heads and followed by technical presentations.

Dr. Fuad Pashayev, UNESCO Representative in Pakistan, welcomed the launch of the series and said that science must respect and serve the communities in the best possible way.

Dr. Dafna Feinholz, Chief of the Bioethics and Ethics of Science and Technology Section, UNESCO Headquarters, introduced UNESCO's work on bioethics and noted that the challenge is not technology itself, but how it is developed and used.

Prof. Seyed Komail Tayebi, President ECOSF, stressed that innovation must be balanced with rights, privacy and informed consent, and reaffirmed ECOSF's commitment to promoting ethical science across the ECO region.



Ambassador Dr. Mohammad Nafees Zakaria, Executive Director, COMSATS, emphasized that ethical principles must be translated into practical institutional mechanisms, and highlighted the value of South–South cooperation in this area.

Dr. Ehsan Shamsi Gooshki, Coordinator, Medical Ethics Program, Monash University, presented ethical challenges in medical research and clinical practice, with emphasis on informed consent and patient rights.

Prof. Ali Moosavi Movahedi, UNESCO Chair on Interdisciplinary Research in Diabetes, University of Tehran, spoke on the ethical responsibilities of researchers in interdisciplinary biomedical research.

Prof. Dr. Ramla Shahid, Director ORIC, Kohsar University Murree, highlighted the role of universities in embedding ethics review and research integrity within their institutions.

The discussion reinforced a central message: scientific progress must remain responsible inclusive and people centred.

ECOSF participated in the ANSO-COMSATS Conference on Artificial Intelligence Enabled Solutions for Sustainable Water Governance, Security and Safety

A four-day international conference on the use of artificial intelligence (AI) for sustainable water governance, security and safety was held at COMSATS University on September 22–25, 2026 bringing together experts and researchers from across the world to explore technology-driven solutions to growing water challenges.

The conference was organized by COMSATS Secretariat and the Alliance of National and International Science Organizations for the Belt and Road Regions. Executive Director ECOSF, Dr. Ghulam Muhammad Memon and Mr. Khalil Raza, Program Manager participated in the closing ceremony on behalf of the ECOSF. The conference brought together 34 experts from Bangladesh, Belgium, China, Egypt, Germany, Indonesia, Jordan, Jamaica, Nigeria, Pakistan, Saudi Arabia and Türkiye.

Coordinator to the Prime Minister on Climate Change and Environmental Coordination, Ms. Romina Khurshid Alam, who was chief guest at the closing ceremony, appreciated the gathering of experts to explore the transformative potential of AI in addressing water safety and said the government was committed to integrating climate resilience into national policies and leveraging AI to help secure the country's water future.

Executive Director COMSATS Ambassador Dr. Mohammad Nafees Zakaria expressed his gratitude to ANSO for financing the conference. He underlined that it as an initiative of strategic importance, provide a number of strategic pathways to address the

water challenges were common to countries and required a collective approach, particularly among developing nations. The closing ceremony was attended by the senior diplomats, and representatives of the national, international organizations and academia.



Tuesday September 1, President ECOSF visits University of Isfahan to inaugurate IBSE Center

Isfahan, Iran, September 01 2026- Prof. Se yed Komail Tayebi visited University of Isfahan, Isfahan (UI), to inaugurate IBSE Center at the campus. Prof. Rasoul Roknizadeh, UI President, Dr. Mohammad Reza Abedi, Vice President for Education, and Dr. Azam Naghavi, Director of the UI IBSE Center, attended the event. Prof. Roknizadeh appreciated ECOSF supporting the establishment of the IBSE Center at the University of Isfahan and highlighted the role of the center in promoting inquiry-based science education in all fields. Referring to the MOU between UI and ECOSF, Prof. Tayebi mentioned that the Center could play a pivotal role to train



the science teachers, policy makers, educationists and others for promotion and implementation of IBSE in all over Iran as well as other countries in the ECO region which will help improving science education in the countries.

Upcoming Events posted on ECOSF website and Facebook page

Invitation to Webinar: Ethics of Science and Technology



2024 • 2033
International Decade of
Sciences for Sustainable
Development



Webinar on Ethics of Science and Technology

Webinar Series on Science, Ethics and Innovation

Advancing Science Diplomacy and South-South Cooperation under the International Decade of Sciences for Sustainable Development (2024–2033)



Dr. Fuad Pashayev
Representative of
UNESCO in Pakistan



Dr. M. Nafees Zakaria
Executive Director
COMSATS



Prof. Seyed Komail Tayebi
President
ECO Science Foundation



Prof. Dr. Adel Smeda
Expert on Science & Environment
Sector, ICESCO, Morocco



Dr. Mehdi Sabooripour,
UNESCO Chair for Human
Rights, Peace and Democracy,
Shahid Beheshti University, Iran



Prof. Dr. Zabta Khan Shinwari,
Vice Chancellor, Federal Urdu
University of Arts, Science &
Technology, Pakistan

Lead Organization: UNESCO Office in Pakistan

Partners: Commission on Science and Technology for Sustainable Development in the South (COMSATS) and ECO Science Foundation (ECOSF)

**7 October 2026
10.00am Pakistan time**

The ECO Science Foundation (ECOSF) in partnership with the UNESCO Office in Pakistan and the Commission on Science and Technology for Sustainable Development in the South (COMSATS) invites scholars, researchers, and academia to the second webinar of the Webinar Series on Science, Ethics and Innovation, organized under the framework of the International Decade of Sciences for Sustainable Development (2024–2033).

Webinar 2: Ethics of Science and Technology

7 October 2026

10:00 AM Pakistan Time

Online via Microsoft Teams

The webinar aims to increase awareness of UNESCO's approach to the ethics of science and technology and promote dialogue on how scientific and technological innovation can contribute to sustainable development while respecting ethical values and fundamental human rights.

The session will bring together policymakers, researchers, universities, technology experts and scientific institutions, UNESCO Chairs and Centres, early-career researchers, development partners and other stakeholders from across the COMSATS and ECO regions.

Read more: <https://ecosf.org/ethics-of-science-and-technology/>

Call for Applications: TechOlympics 2026

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- 106** Countries in Qualifiers (▲ From 2 to 106)
- 1,800+** International Competitors in 2025 (▲ From 2 to 1,832)
- 16** Countries in the Final Round
- 200+** Job Opportunities in 2025 (▲ 52% vs. 2024)
- 50+** International Media Outlets (From 20+ Countries)

6 CUTTING-EDGE COMPETITION FIELDS

PROGRAMMING	ARTIFICIAL INTELLIGENCE	CYBERSECURITY	INTERNET OF THINGS	DRONE TECHNOLOGIES	COMBAT ROBOTICS
Algorithms, Python/Django, Go, Front-End Development	Data, Computer Vision, Natural Language Processing	Jeopardy CTF, Attack & Defense, Hardware CTF, PWN!Y Racing	Smart Systems, Secure Networks, Real-world IoT Challenges	Autonomous Flight, Swarm Simulation, Aerial Innovation	Engineering, Control, Strategy, Head-to-Head Robot Battles
5,600+ Competitors in 2025	3,500+ Competitors in 2025	1,900+ Competitors in 2025	100+ Finalists in 2025	700+ Competitors in 2025	400+ Competitors in 2025

KEY DATES 2026

- REGISTRATION OPENS: May 28, 2026
- PRELIMINARY ONLINE ROUNDS: September 2026
- FINAL ROUND: November 2-5 2026

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The ECO Science Foundation (ECOSF), in collaboration with Pardis Technology Park – Iran International Innovation District, invites students, engineers, developers, researchers, innovators, and technology professionals from ECO member countries to participate in TechOlympics 2026—an international technology competition bringing together talented minds from across the region and beyond.

TechOlympics 2026 provides participants with an opportunity to test their technical skills, compete at an international level, showcase their capabilities, learn from others, and build valuable connections within the global science, technology, and innovation community.

Participants can compete in six cutting-edge technology fields:

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- Programming
- Artificial Intelligence
- Combat Robotics
- Internet of Things (IoT)
- Drones

Whether you are a student developing your first innovative project, an experienced developer, an engineer, researcher, or technology enthusiast, TechOlympics 2026 offers a platform to demonstrate your skills and compete with talented participants from different countries.

On-site Finals: November 2–5, 2026

Venue: Pardis Technology Park, Iran International Innovation District

Read more: <https://ecosf.org/techolympics-2026/>