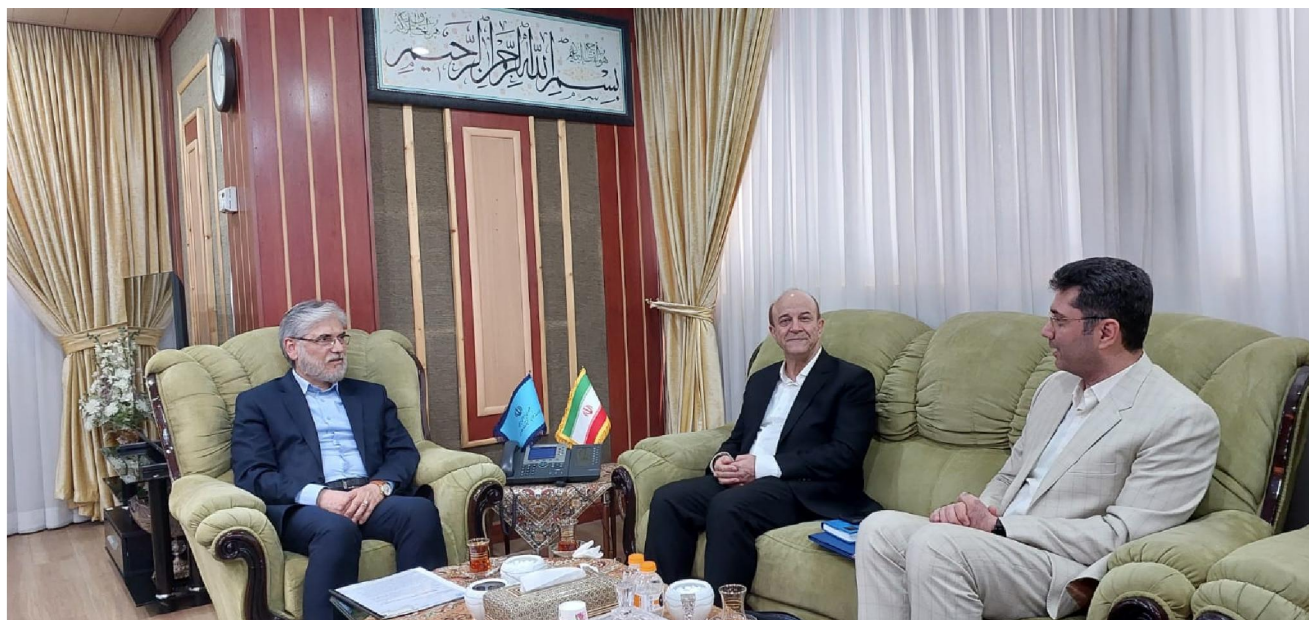


ECOSF NEWSLETTER



Iran's Minister of Science, Research & Technology Reaffirms Support for ECOSF's STI Agenda



Tehran, June 1, 2026 - H.E. Prof. Hossein Simaee Sarraf, Minister of Science, Research and Technology of the Islamic Republic of Iran, received Prof. Seyed Komail Tayebi, President ECO Science Foundation (ECOSF), at the Ministry in Tehran. Prof. Ehsan Ghaboul, Head of the International Scientific Cooperation Center, MSRT, accompanied Prof. Tayebi. The President ECOSF expressed appreciation to the Minister and the Government of Iran for their continued cooperation and support for ECOSF's efforts to promote Science, Technology and Innovation (STI) across the ECO region. He also briefed the Minister on ECOSF's programmes and collaborations with Iranian institutions since the inception of the Foundation.

The meeting discussed enhanced support for ECOSF, including Iran's mandatory budget contribution for and outstanding arrears, expanding cooperation plans between MSRT and ECOSF, and closer engagement with Iranian universities and national and regional technology institutions. Prof. Tayebi also invited MSRT to participate in the 6th ECOSF Board of Trustees Meeting in Pakistan in July 2026. The Minister appreciated ECOSF's activities, underlined the Foundation's potential to contribute to STI advancement in Iran and the ECO region, reaffirmed the support of MSRT and the Iranian Government, and approved participation in the forthcoming Board of Trustees Meeting.

World Water Day 2026 Highlights Urgent Need for Climate-Resilient and Gender-Responsive Water Governance in Pakistan

Islamabad, 16 June 2026 — The ECO Science Foundation (ECOSF) partnered with UNESCO, UNICEF, WHO, UNDP, the UNESCO Water Chair at COMSATS University Islamabad, the Pakistan Council of Research in Water Resources (PCRWR), the Global Climate-Change Impact Studies Centre (GCISC) to co-organize the World Water Day 2026, held in Islamabad under the theme **“Water and Gender.”** The event brought together policymakers, United Nations agencies, researchers, development partners, and civil-society representatives to strengthen action on water security, climate resilience, and gender-responsive governance in Pakistan.



The event marked the launch of three major publications: the United Nations World Water Development Report 2026, the UN-Water Global Analysis and Assessment of Sanitation and Drinking-Water (GLAAS) 2025 Report, and the Guidelines for Science, Policy, Practice Interface for Achieving Water Security in Pakistan.

In his address, Mr. Mian Muhammad Mueen Wattoo, Federal Minister for Water Resources, underscored the severity of Pakistan’s water challenge, noting that per-capita freshwater availability has declined from more than 5,000 cubic metres at the time of independence to below 1,000 cubic metres today.

The discussions highlighted Pakistan’s increasing water stress, driven by rapid population growth, heavy dependence on agriculture, groundwater depletion, inefficient water use, pollution, and the growing impacts of climate change. A central focus of the event was the unequal burden borne by women and girls. Globally, women and girls spend an estimated 250 million hours every day collecting water — more than three times the time spent by men and boys. This burden affects their education, health, safety, livelihoods, and ability to participate in decision-making.

Mr. Mohamed Yahya, United Nations Resident Coordinator in Pakistan emphasized the importance of context-specific solutions, stating that water interventions should be inclusive, practical, and rooted in local knowledge.

Prof. Seyed Komail Tayebi, President ECOSF, participated in the panel discussion titled **“From Evidence to Action: Advancing Climate-Resilient and Gender-Responsive Water Governance.”** The panel discussion was moderated by Dr. Dan Fang, Cluster Lead at WHO Pakistan. The panel brought together Dr. Hifza Rasheed, Director General of PCRWR; Dr. Umair Bin Nisar, Lead Scientist at COMSATS University Islamabad; Prof. Seyed Komail Tayebi, President ECOSF; and Ms. Sadia Munawar, Section Officer (Development), Ministry of Climate Change and Environmental Coordination. Prof. Tayebi highlighted that Pakistan and other ECO Member Countries face common challenges, including water scarcity, groundwater depletion, inefficient irrigation, water pollution, climate-induced floods and droughts, and dependence on shared water systems.



Prof. Tayebi emphasized that water governance must be grounded in scientific evidence, including reliable data, basin-level monitoring, groundwater mapping, climate projections, water-quality assessment, and research that informs practical policy and community-level action. He noted that countries with stronger human-resource development, research institutions, education systems, essential infrastructure, and economic resilience are better positioned to address climate and water risks and to enable meaningful participation by women in water-related decision-making. President ECOSF also offered valuable lessons and best practices in Iran, Türkiye and Central Asia on governance and resource efficiency in water management in the wider ECO region.

ECOSF Explores Cooperation with MERC and INN in Materials, Energy and Nanotechnology

Karaj, Iran, June 2, 2026 - The Materials and Energy Research Center (MERC) and the Inter-Islamic Network on Nanotechnology (INN) hosted Prof. Dr. Seyed Komail Tayebi, President ECO Science Foundation in Karaj, Iran. The meeting was attended by MERC's top leadership, including Dr. Abouzar Massoudi, MERC Vice President for Technology; Dr. Abolhassan Imani, Chair of MERC's International Strategic Committee and Secretary- General of INN; and Dr. Fatemeh Sadat Torknik, INN Director of Educational Affairs and Secretary of MERC's International Strategic Committee. Dr. Massoudi presented MERC's infrastructure and research



capacities, highlighting its four specialized institutes in Semiconductors, Energy, Ceramics, and Nanotechnology and Advanced Materials.

Dr. Imani outlined INN's role in advancing nanotechnology cooperation through scientific events, training, Olympiads, and joint research programmes, while Dr. Torknik presented a proposed ECOSF–INN education and skills-development package, including specialized courses, workshops, internships, nanotechnology schools, and joint programmes for researchers and students.



Prof. Tayebi highlighted the value of leveraging MERC's technical capabilities and INN's international network to address shared regional challenges, strengthen human capital, and promote collaborative STI initiatives across ECO Member States. Prof. Tayebi presented ECOSF's mandate and regional priorities, emphasizing that MERC's technical infrastructure and INN's international network could be linked with ECOSF's network of institutions across the 10 ECO Member States. He proposed joint educational, research, technology-transfer, and capacity-building initiatives to address shared regional challenges, enhance skills, create employment opportunities, and advance sustainable development.

ECOSF and Iran Academy of Sciences Explore Enhanced Scientific Cooperation

Tehran June 2, 2026 - Prof. Seyed Komail Tayebi, President ECO Science Foundation (ECOSF), visited the Iran Academy of Sciences (IAS) in Tehran and met with its senior officials to discuss collaboration on the proposed ECO Sciences Forum. Prof. Mohammad Reza Shams Ardakani, Secretary of IAS, welcomed the President ECOSF and reaffirmed IAS's readiness to deepen cooperation. Prof. Ali Akbar Mousavi Movahedi, Head of the Science Committee of IAS, highlighted the longstanding scientific collaboration between Iran and Pakistan and noted that, as IAS had initially proposed the establishment of the ECO Sciences Forum, Iran would be well positioned to host its Secretariat.



Prof. Tayebi highlighted ECOSF's efforts to strengthen linkages among Iranian scientific institutions and their counterparts in Pakistan and other ECO Member Countries through research, technology and innovation cooperation, information exchange, and capacity-building programmes. He also outlined ECOSF initiatives in STEM education, science camps, and technology park promotion. The participants reviewed the concept note for the ECO Sciences Forum and proposed its finalization for consideration at the 6th ECOSF Board of Trustees Meeting, following input from the academies of sciences of Pakistan and Türkiye. IAS, in collaboration with the academies of sciences of Pakistan and Türkiye, will also explore convening the first virtual session of the Forum in the coming months.

President ECOSF visited the Center for Innovation and Development of Artificial Intelligent Technologies (CIDAIT) at the University of Isfahan (UI).

Isfahan, June 8, 2026 - Prof. Seyed Komail Tayebi, President ECOSF, visited the Center of Artificial Intelligent (AI) at the University of Isfahan on June 08, 2026, and met with Prof. Rasoul Roknizadeh, the President of UI, Prof. Hamid Reza Marateb, the Head of the CIDAIT, and other senior members. Prof. Tayebi appreciated the UI for initiating this new center and said that this center should play a crucial role in promoting capacity building of modern technologies in the ECO region. Prof. Roknizadeh, President of the UI, expressed gratitude to President ECOSF for his visit of the center, and noted that the CIDAIT has been established as an interdisciplinary hub for advancing applied artificial intelligence, translating research into practical solutions.

Prof. Marateb presented the Centre's work across engineering, computer science, biomedical sciences, health, education, agriculture, public services, and emerging technologies. He emphasized CIDAIT's focus on trustworthy, explainable, ethical, and validated AI solutions that can progress from scientific concepts to prototypes, products, services, and measurable societal impact. The Centre also supports capacity-building, innovation management, responsible AI governance, project-based collaboration, training, standardization, and technology-readiness assessment, with particular attention to robust and fair AI, causal modelling, digital health, complex systems, AI in education, and industry-oriented applications.



President ECOSF visited Tavan Jam Medical & Industrial Manufacturing Company in Isfahan

Isfahan, June 8, 2026 - In line with efforts to strengthen economic, industrial, and technological cooperation among the member states of the Economic Cooperation Organization (ECO), Prof. Seyed Komail Tayebi, President ECOSF, visited Tavan Jam Medical & Industrial Manufacturing Company. During the visit, Prof. Tayebi met with Mr. Kourosh Elhaki, Managing Director, Mr. Keivan Ansari pour, Business Development Manager, and Dr. Azadeh Javanbakht, Focal Point to ECOSF.

During the visit, President ECOSF was introduced to the company's production capacities, advanced manufacturing technologies, quality control processes, and engineering capabilities. During his visit, Prof. Tayebi described Tavan Jam's products as highly promising in terms of quality, innovation, and performance, highlighting their strong potential for entering and expanding within

the markets of ECO member countries. He also emphasized the importance of strengthening industrial and commercial cooperation among economic stakeholders across the region.



ECOSF attended the International Training Workshop on Disaster Risk Reduction and Green Development for the China-Pakistan Economic Corridor

Islamabad, June 18, 2026 - President ECOSF, accompanied by Mr. Khalil Raza, ECOSF Program Manager, attended the Inaugural Ceremony of the International Training Workshop on Disaster Risk Reduction and Green Development for the China-Pakistan Economic Corridor, at COMSATS University Islamabad (CUI).

At the opening session, welcome and opening Remarks were delivered by the Rector, CUI Islamabad, the Executive Director, CPJRC, and the Executive Director, COMSATS. The keynote address is also delivered by the Chief Guest, Mr. Fuad Pashayev, Representative of UNESCO in Pakistan. The inaugural session emphasized the importance of universities, science-based policymaking, international cooperation and South-South collaboration in addressing climate-induced hazards, particularly in ecologically fragile and disaster-prone regions along CPEC.



The five-day workshop, scheduled from 18 to 22 June 2026, was endorsed as an official activity of the United Nations International Decade of Sciences for Sustainable Development (IDSSD 2024-2033). It brought national and international participants to exchange knowledge and strengthen capacity in disaster risk reduction, climate resilience and green development.



President of ECOSF Participates in a Seminar on Emerging Health Technologies at the Pakistan Academy of Sciences

Islamabad, June 15, 2026 - The Pakistan Academy of Sciences (PAS) Islamabad and the Aga Khan University (AKU) Karachi jointly organized a Hybrid Seminar on “Emerging Health Technologies” at the A.Q. Khan Auditorium of the Academy in Islamabad. As invited, Prof. Tayebi attended the seminar and communicated with the senior participants on the relevant subject.



The main objective of the event was to promote health sciences education and research and contribute to developing a regulatory framework for National Health Plan.

A large numbers of Participation Over 85 scientists, academicians, medical practitioners, and scholars from various Universities (Quaid-e-Azam University, Aga Khan University, NUST, Riphah International University, City University, Islamabad Medical and Dental College, Virtual University, NUTECH); Healthcare Institutions (Helping Hand Institute of Rehabilitation Sciences, GAK HealthCare International); International Organizations (OIC-COMSTECH, ECOSF), Government Organizations (PSF); R&D Institutions/Organizations (NILOP, PINSTECH, PNRA), Hospitals-Health Institutions & clinical laboratories (Health Science Academy), and NGOS (NAYS) attended the event physically; while over 40 researchers attended the event online.

In his opening address, Dr. Muhammad Wasay (Prof. AKU & Fellow, Pakistan Academy of Sciences) highlighted the distinctive challenges confronting Pakistani population in the domain of health and life sciences and the urgent need to address these challenges through integrated and innovative approaches to ensure sustainable resource management.



In their technical presentations, the expert speakers highlighted the role of nanomedicine in health care; evolution of nanotechnology in Pakistan; indigenous development and applications of clinical lasers in Pakistan; genomic technologies in precision medicines; focused ultrasound in neurological diseases; drugs evaluation using laser breakdown spectroscopy; and printed wearable ECG electrodes and wireless readout.

The event was concluded with the address by the Co-Chair of the Seminar Prof Dr. Anwar-ul- Hassan Gilani (Fellow PAS) who congratulated the organizers for holding this important seminar and emphasized the need for innovative research in Pakistan in the domain of health/clinical sciences, training and as well as national and international collaboration.

World Environment Day 2026 Seminar Highlights Community-Led Climate Action

Islamabad, 5 June 2026 — Welfare Organization for Reformist and Social Development (WORDS) and the Pakistan Poverty Alleviation Fund (PPAF), in collaboration with the Prime Minister's Youth Programme, organized a high-level seminar and community mobilization event to mark World Environment Day 2026 at the Islamabad Club, Islamabad.

Held under the national theme **"Resilient & Rising Pakistan,"** the event brought together parliamentarians, government officials, environmental experts, development partners, civil-society representatives, and youth leaders to discuss Pakistan's growing climate vulnerabilities and practical pathways for community-led environmental action.



Farah Naz Akbar, Parliamentary Secretary, attended as Chief Guest, while Senator Jan Muhammad Bulledi and Dr. Sohrab Khan Sarki, MPA Sindh Assembly, joined as Guests of Honour. The proceedings were moderated by Dr. Fayaz A Soomro.

The expert panel discussion focused on climate policy implementation, inter-agency coordination, local adaptation, ecosystem restoration, and the role of research in climate-resilient development.

Mr. Khalil Raza, ECOSF Program Manager for Energy & Climate, participated as the panelist in the expert panel discussion. Mr. Raza highlighted that Pakistan's diverse geography makes its climate risks highly location-specific, with each region facing distinct

environmental threats. He emphasized that, given Pakistan's structural economic constraints, climate action must focus on practical, locally driven and resource-efficient solutions.

Mr. Raza further stressed that climate change is a cross-cutting development challenge and cannot be left only to the Ministry of Climate Change or provincial environment departments. He noted that every ministry, sector and community must play its role, and sector-led climate risk assessments can help build a credible pipeline of bankable projects to leverage international climate finance.

ECOSF President's Visit to Silicon Village Islamabad

Islamabad, June 20, 2026 - The President of ECOSF visited the office of Silicon Village Islamabad along with Dr. Aftab Ahmed, President of the National Academy of Young Scientists (NAYS), and Dr. Kubra Mehmood, Founder and CEO of Planet Bio Labs on 20 June 2026.



Mr. Abid Kabir Cheema, CEO of Silicon Village Islamabad, warmly welcomed the guests. During the meeting, productive discussions were held on potential collaboration in technology, innovation, and information sharing within the ECO region. Accordingly, President ECOSF highlighted opportunities for partnerships between institutions working in similar domains and explored ways to strengthen relationships with technology parks and innovation ecosystems in Iran, Türkiye, Uzbekistan, Azerbaijan, and other ECO members.

Mr. Abid Kabir Cheema expressed his commitment to building strong partnerships with regional institutions and emphasized the importance of fostering cooperation to promote technological advancement and innovation across the ECO member countries.

The meeting concluded with a shared vision for developing long-term collaborations and enhancing regional connectivity in science, technology, and innovation. Mr. Abid Kabir Cheema presented a shield to the President of ECOSF.





Using AI for Skills Development and Professional Growth for Medical Educators

Sunday - 12 Jul. 2026 10:00 am-12:00 pm IRST | 6:30am- 8:30 am UTC/GMT

This two-hour webinar strategically shifts its focus from the application of AI for students to its utility for the educator. It meticulously explores how medical educators can effectively leverage AI tools to cultivate new skills, streamline professional responsibilities, and sustain their continuous growth as proficient teachers, clinicians, and scholars. The session delves into practical applications, including the drafting of teaching materials, expediting scholarly writing, supporting reflective practice, and acquiring novel pedagogical skills through AI-assisted tutoring.

<https://us06web.zoom.us/j/88322931412?pwd=npkZ5VPa2sPLRHwAR8PLMEXj3IQGb5.1>

Meeting ID: 883 2293 1412
Passcode: 822804



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