





# UNESCO Chair on Environmental Education Progress Report

April 2021- January 2025

#### UNESCO CHAIR/UNITWIN NETWORK PROGRESS REPORT FORM

Title of the Chair/ Network	UNESCO Chair on Environmental Education
Host Institution	Payam Noor University (PNU)
Date of Chair/Network Establishment	April 2021
(mm/ yyyy)	April 2021
Period of activity under report	April 2021 - January 2025
(mm/ yyyy- mm/ yyyy)	71pm 2021 - January 2025
Report established by (name, position)	Professor Seyed Mohammad Shobeiri- Chair holder

To be returned by electronic mail to both: <a href="mailto:unitwin@unesco.org">unitwin@unesco.org</a> and <a href="mailto:i.nichanian@unesco.org">i.nichanian@unesco.org</a> Or by mail to UNESCO, Division for Teacher Development and Higher Education,

Section for Higher Education

7, place Fontenoy – 75352 Paris 07 SP, France

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#### 1. Executive Summary:

Significant outcomes, results and impact of the Chair, including on national policies, about its objectives as stated in Article 2 of the Chair Agreement (between the Institution and UNESCO) (Not exceeding 300 words)

UNSESCO Chair on Environmental Education seeks to pursue the following objectives through research, educational and cultural approach:

- ✓ Enhancing the national and international status of environmental education
- ✓ Development and promotion of environmental culture and morality, moving toward achieving sustainable development goals
- ✓ Enhancement of the public participation in environmental protection
- ✓ Promotion of environmental literacy through awareness raising, change of attitude and environmental behaviors of citizens

The main implemented activities are as follows:

- ✓ Establishment of scientific, specialized and technical infrastructures for running a national online Center of Excellence for educational environment.
- ✓ Collaboration with national and international institutions, specialized research and development organizations, NGO activists and environmental researchers.
- ✓ Collaboration with UNESCO National Commission and other UNESCO chairs and exchanging lecturers, tutors, students and researchers.
- ✓ Publication of quarterly journals, books, newsletters, and provision of electronic contents.
- ✓ Presentation of educational and research projects based on demand and supply in various environmental topics.
- ✓ Conducting feasibility studies for identifying the methods of attracting public participation in environmental protection.
- ✓ Organizing lectures, seminars and conferences on environmental education at the national level.

#### 2. Activities:

Overview of activities undertaken by the Chair during the reporting period

#### a) Education/Training/Research

(key educational programs and training delivered and research undertaken by the Chair during the reporting period, target group and geographical coverage)

- i) Education(leading to the certificate)
- Ph.D. Program in Environmental Education, with the participation of 13 students at Payam Noor University.
- M.A Course in Environmental Education, with the participation of 80 students at Payam Noor University.
- ii) Training(Short-term)
- ❖ Workshop on 40-piece embroidery of small fabrics (suitable for Clean Earth Day) – 21 April 2021



Blended training workshop (online and face-to-face at the choice of the participants) on 40-piece embroidery of small fabrics suitable for Clean Earth Day with the cooperation of the sustainable fashion working group of this chair and taught by Dr. Maryam Famil Samak, Doctor of Traditional Embroidery Arts. The workshop was held for two hours, organized, and certificates for participants were issued by the UNESCO Chair in Environmental Education.

Workshop on making eco-friendly dolls using leather, fabric, and papier-mâché (suitable for Clean Earth Day) – 22 April 2021



Blended training workshop (online and face-to-face at the choice of the participants) on making eco-friendly dolls using leather, fabric, and papier-mâché suitable for Clean Earth Day by sustainable fashion working groups and waste management training of this chair. It was taught by Mozhdeh Mushafi Tawana, Samia Abdulhamidi, and Darna Izadipanah in a 6-hour workshop, and participants' certificates were issued by the UNESCO Chair in Environmental Education.

\* Academic Green Management Meeting - Water Issue (special for Payam Noor

#### *University employees*) – 29 April 2021

The Academic Green Management Meeting - Water Issue (special for Payam Noor University employees) was organized by the chair with the approval of the Cultural and Social Committee of the Strategic Council of Green Management of the university. Permission was obtained from the Program, Budget, Administrative Transformation, and Productivity Office of Payam Noor University for the administrative staff of Payam Noor University Tehran Province and the central organization of Payam Noor University. It was conducted virtually with Dr. Laden Razi Kord Mahaleh, Chair member and Director of the Soil Pollution Department of the Environmental Protection Organization, along with a question and answer session.

\* Academic Green Management Meeting - Waste Management Topic (special for Payam Noor University employees) - 30 April 2021

The Academic Green Management Meeting - Waste Management Topic (special for Payam Noor University employees) was organized by the chair with approval from the Cultural and Social Committee of the Strategic Council of Green Management of the university. Permission was obtained from the Program, Budget, Administrative Transformation, and Productivity Office of Payam Noor University for the administrative staff of Payam Noor University Tehran Province and the central organization of Payam Noor University. It was conducted virtually with Mr. Engineer Saeed Moradi Kia, Director of Citizenship Education of Tehran Municipal Waste Management Organization, along with a question-and-answer session.

#### ❖ Academic Green Management Meeting - Energy Topic (special for Payam Noor University employees) - 6 May 2021

The Academic Green Management Meeting - Energy Topic (special for Payam Noor University employees) was organized by the chair with approval from the Cultural and Social Committee of the Strategic Council of Green Management of the university. Permission was obtained from the Program, Budget, Administrative Transformation, and Productivity Office of Payam Noor University for the administrative staff of Payam Noor University Tehran Province and the central organization of Payam Noor University. It was conducted virtually with Dr. Laden Razi Kord Mahaleh, Chair member and Director of the Soil Pollution Department of the Environmental Protection Organization, along with a question-and-answer session.

#### ❖ Academic Green Management Meeting – General Topic (special for Payam Noor University employees) - 7 May 2021

The Academic Green Management Meeting - General Topic (special for Payam Noor University employees) was organized by the chair with approval from the Cultural and Social Committee of the Strategic Council of Green Management of the university. Permission was obtained from the Program, Budget, Administrative Transformation, and Productivity Office of Payam Noor University for the administrative staff of Payam Noor University. It was conducted virtually with Dr. Mahdieh Rezaei, Chair member and Assistant Professor of the Environmental Education Department of Payam Noor University, along with a question-and-answer session.

#### Meeting on the End of the Story of the Earth (on the occasion of Environment Week) - 9 June 2021



The scientific meeting on the end of the story of the earth as described in the works of Iqbal Lahori and Stephen Hawking, with the participation of the Research and Development Institute of Human Sciences (SAT) and on the occasion of Environment Week, featured the scientific speech of Dr. Mansoor Shah Wali, professor of Shiraz University. It was held virtually and included a question-and-answer program.

\* Meeting on What We Should Know About Plastics (on the occasion

#### of No Plastic Bags Day) - 10 July 2021



A specialized webinar was held on the occasion of No Plastic Bags Day with the participation of the University's Environment and Sustainable Development Research Institute and Mehrgan Parto Pajo Institute. It included the presence of a group of experts and activists in this field, along with a question-and-answer program.

# \* The First Educational-Cultural Meeting on University Green Management (Special for academic staff members of Payam Noor University) - 6 September 2021

The academic-cultural meeting on university green management for the academic staff members of Payam Noor University was organized by the chair and the Research Institute of Environment and Sustainable Development of the university. It was held with the approval of the cultural and social committee of the Green Management Strategic Council and with permission from the Article 1 Commission for the promotion of academic staff members of Payam Noor University. The course was conducted for faculty members across the country in the form of an 8-hour course with 4 themes: water, energy, waste, and general green management. It was taught by Dr. Laden Razi Kardamehle, Dr. Mahdieh Rezaei, and Dr. Saeed Moradikia, and held virtually with a question-and-answer program.

#### Child and Environment Educational Meeting (on the occasion of World Children and Environment Day) - 9 October 2021



The scientific-educational meeting on children and the environment was organized on the occasion of World Children and Environment Day with the participation of the University's Environment and Sustainable Development Research Institute. It featured a speech by Dr. Zahra Shoara, a child and adolescent educational consultant, along with a question-and-answer program.

#### The First Educational-Cultural Meeting on Islam and the Environment (Special for academic staff members of Payam Noor University) - 16 and 22 December 2021

The educational-cultural meeting on Islam and the environment for the academic staff members of Payam Noor University was organized by the chair and the Research Institute of Environment and Sustainable Development of the university. It was held with the approval of the cultural and social committee of the Green Management Strategic Council and with permission from the Article 1 Commission for the promotion of academic staff members of Payam Noor University. The program was conducted for faculty members across the country in the form of two 4-hour courses. The themes included the sustainable development and environment, environment





in divine religions, environmental teachings in the Quran and Hadith, environmental ethics, and the concept of an Islamic University. It was taught by Dr. Abbas Alizadeh, a member of the academic staff of Payam Noor University, Dr. Vahid Mahmoudi, assistant professor of the Research and Development Institute of Humanities (Samt Organization), Dr. Yaqub Ali Borji, associate professor of Al-Mustafa International University, and Dr. Hosseini, a member of the academic staff of Imam Sadiq University. It was

held virtually and included a question-and-answer program.

#### Workshop on Renewable Energy, Sustainable Development, and Energy Imbalance in Iran (special for Payam Noor University employees) - 19 January 2022

The workshop on renewable energies, sustainable development, and energy imbalance in Iran, organized on the occasion of National Clean Air Day, was held virtually with the cooperation of Payam Noor University in North Tehran. It included a question-and-answer program, and certificates of participation were awarded to the participants by the UNESCO Chair.

Meeting on Environmental Education and UNESCO's Contribution to Environmental Protection - 5th National Conference of Environmental Education - 26 January 2022



The meeting on environmental education and UNESCO's contribution to environmental protection took place on the sidelines of the programs of the 5th National Conference of Environmental Education. It featured a speech by Ms. Dr. Nasreen Fakhri, Director of the Education Group of the UNESCO National Commission, and was held virtually with a question-and-answer program.

\*\*\*Linguistic-Social Reflection Meeting on Human Self-Control Towards Animals - 5th National Conference of Environmental Education - 26 January 2022



The scientific meeting on linguistic-social reflection of human self-control towards animals was held on the sidelines of the 5th National Conference Environmental Education. It featured a scientific speech by Dr. Bahman Zandi, Professor of the Department of Linguistics of Payam Noor University, and was conducted virtually with a question-and-answer program.

\* Clean Earth Day Meeting: Environmental Culture and Sustainable

#### Consumption Pattern - 25 April 2022



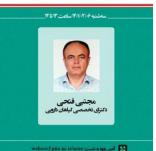
The Clean Earth Day meeting focused on environmental culture and sustainable consumption patterns. Key topics included the role and position environmental culture in optimal management, the role and position of sustainable consumption patterns optimal waste in management, and an analysis of environmental culture and sustainable consumption patterns in the field of waste management in the country. The session included contributions from Mr. Engineer Saeed Moradi Kia, an expert in urban waste, and

speeches by Mr. Reza Naqvi, an expert in extracting energy from urban waste; Hamidreza Pouralagheh Bandan, an expert in waste management; Massoud Rezaei, Ph.D. in Waste Environmental Engineering; and Homan Gholampour Arbastan, an expert in hazardous waste management. The event was conducted virtually with a question-and-answer program.

#### Meeting on Herbal Treatment, Vegetarianism, and Clean Earth Day -26 April 2022



The meeting on herbal treatment, vegetarianism, and Clean Earth Day was conducted virtually and featured a speech by Dr. Mojtaba Fathi, along with a question-and-answer program.



#### The Second Educational-Cultural Meeting on University Green Management (Special for academic staff members of Payam Noor University) - 28 April 2022

The academic-cultural meeting on university green management for the academic staff members of Payam Noor University was organized by the chair and the Research Institute of Environment and Sustainable Development of the university. It was held with the approval of the cultural and social committee of the Green Management Strategic Council and with permission from the Article 1 Commission for the promotion of academic staff members of Payam Noor University. The course was conducted for faculty members across the country in the form of an 8-hour course with 4 themes: water, energy, waste, and general green management. It was taught by Dr. Laden Razi Kardamehle, Dr. Mahdieh Rezaei, and Dr. Saeed Moradikia, and held virtually with a question-and-answer program.

#### Meeting on the Persian Gulf: The Area of Life, Participation, and Protection Needs - 30 April 2022



The Persian Gulf meeting, titled "The Area of Life, Participation, and Protection Needs," was held on the occasion of Persian Gulf Day. Key topics included the tourism potential of Persian Gulf Islands (opportunities and threats for the marine and coastal environment), the importance of the participation of the local community and volunteer groups in protecting the marine ecosystems of the Persian Gulf, and the social responsibility of athletes in protecting the marine and coastal environment.

The event featured Ms. Shahed Shoa'ei, the Director of Environment at the non-governmental organization Mehrgan Parto Pajo, who served as secretary. Speakers included Mr. Mohammad Ghavasi, a marine biologist; Dr. Mohammad Hossein Bibi Kabadi, Director of the Red Crescent Rescue Centers; and other experts. The session was conducted virtually and included a question-and-answer program.

#### Meeting on Strategies to Strengthen Children's Sense of Responsibility Towards the Environment - 7 June 2022



The meeting on ways to strengthen children's sense of responsibility towards the environment was held on 7 June 2022 on the occasion of Environment Week. It featured the secretary and speeches of Dr. Saeedeh Karimi and Dr. Zahra Shoara in a virtual format and included a question-and-answer program.

## \* The Second Educational-Cultural Meeting of Islam and the Environment (Special for academic staff members of Payam Noor University) - 23 June 2022

The educational-cultural meeting of Islam and the environment for the academic staff members of Payam Noor University was organized by the chair and the Research Institute of Environment and Sustainable Development of the university. It was held with the approval of the cultural and social committee of the Green Management Strategic Council and with permission from the Article 1 Commission for the promotion of academic staff members of Payam Noor University. The program was conducted for faculty members across the country in the form of two 4-hour courses with the themes of the sustainable development and environment, environment in divine religions, environmental teachings in the Quran and Hadith, and environmental ethics and the Islamic University. It was taught by Dr. Abbas Alizadeh, a member of the academic staff of Payam Noor University, Dr.

Vahid Mahmoudi, assistant professor of the Research and Development Institute of Humanities (Samt Organization), and Dr. Mohammadsadeq Jamshidirad, a member of the academic staff of Payam Noor University. The program was held virtually and included a question-and-answer session.

The First Educational-Cultural Meeting of the Complementary Course on University Green Management (Special for academic staff members of Payam Noor University) - 5 January 2023



The first educational-cultural meeting of the complementary course on university green management for academic staff members of Payam Noor University was organized by the chair and the Research Institute of Environment and Sustainable Development of the university. It was held with the approval of the cultural and social committee of the Strategic Council of Green Management and with permission from the Article 1 Commission for the promotion of academic staff members of the university. The course was



conducted for faculty members across the country in the form of an 8-hour course with 4 themes: green management in the sixth program of the development and cultural-social mission of the university, green university-environmental and interdisciplinary culture building, green management and the model of sustainable development, and green management and social responsibility of

university professors. It was taught by Dr. Laden Razi Kardamahleh, Dr. Mahdieh Rezaei, Dr. Abbas Alizadeh Shoushtari, and Dr. Majid Saffarinia, and was held virtually with a question-and-answer session.

Meeting on Environmental Education from the Perspective of UNESCO and Related Incentive Activities - 6th National Conference of Environmental Education - 25 January 2023



The meeting on environmental education from the perspective of UNESCO and related incentive activities was held on the sidelines of the programs of the 6th National Conference of Environmental Education. It featured a speech by Ms. Peimneh Porhadi, Director of the Education Group of the National Commission of UNESCO, and was conducted virtually with a question-and-answer program.

The Third Educational-Cultural Meeting of University Green Management (Special for academic staff members of Payam Noor

#### University) - 2 March 2023

The academic-cultural meeting of university green management for the academic staff members of Payam Noor University was organized by the chair and the Research Institute of Environment and Sustainable Development of the university. It was held with the approval of the cultural and social committee of the Green Management Strategic Council and with permission from the Article 1 Commission for the promotion of academic staff members of Payam Noor University. The program was conducted for faculty members across the country in the form of an 8-hour course with 4 themes: water, energy, waste, and general green management. It was taught by Dr. Laden Razi Kardamehle, Dr. Mahdieh Rezaei, and Dr. Saeed Moradikia, and was conducted virtually with a question-and-answer program.

\* Meeting to Present the Concept of Circular Economy in the Functional Framework of Waste Management - 13 June 2023



The meeting to present the concept of circular economy in the functional framework of waste management was held by Dr. Amir Asgari, a social innovation and sustainable development researcher. It was conducted virtually with the participation of interested parties, and at the end, a question-and-answer session took place.

❖ The Meeting "Environmental Teachings in the Islamic View of Motherhood of the Earth" - 15 June 2023



The meeting on environmental teachings in the Islamic perspective of being the mother of the earth was held by Dr. Abbas Alizadeh Shushtri, a member of the academic staff and head of the working group on religions and environment of the UNESCO Chair in Environmental Education, with the participation of interested parties.

Meeting on the Role of Non-Governmental Organizations in Attracting Social Capital for Environmental Activities - 15 June 2023

The meeting on the role of non-governmental organizations in attracting social capital for environmental activities was held by Engineer Hejbar Kiani, a member of the academic staff and the secretary of the Nature and Environment Lovers Association. It was conducted virtually with the participation of the members of non-governmental associations, students, and faculty members.

#### UNESCO Chair on Environmental Education - Payame Noor University - Islamic Republic of Iran

#### iii) Research



- Content analysis of elementary school textbooks from the perspective of ecological literacy, water literacy, and sustainable agriculture components, 2023.
- Development of a waste management training manual for Arak City (2023–2024).
- Development of a comprehensive training and participation policy in the field of waste management and provision of citizenship training

in the Tehran metropolis (2022–2023).

- Development of a comprehensive training and participation system in the field of water management, 2023.
- Development of an environmental education encyclopedia project.

#### b) Conferences/Meetings

(Key conferences and meetings organized by the Chair or to which its Chair holder contributed)

#### i) Key conferences hosted by the Chair

#### 5th National Conference of Environmental Education - 26 January 2022

The 5th National Conference of Environmental Education aimed to create a suitable environment for thinking, exchanging scientific information, and transferring the experiences and achievements of researchers in this field. The goal was to provide new solutions in sync with current scientific and educational technologies, creating a context for conducting scientific and practical research and studies to achieve sustainable development. The conference was held on 26 January 2022.

This conference was conducted completely online to align with the policies of university green management. It was hoped that this scientific event would provide an opportunity to exchange the latest related achievements to deeply examine future developments. By using its results, the necessary planning for the scientific evolution and development of the country could be facilitated.



The purpose of organizing the conference as a webinar:

• Removing geographical constraints on environmental education and learning

- Interaction with experts and researchers to exchange and share experiences and knowledge on collaborative education, environmental awareness, and information in the field of the environment, with an emphasis on blended learning
- Time-saving access to educational, scientific, and research information
- Showcasing the ability of Payame Noor University to provide e-learning to all audiences in the country
- Advancing the mission of the university in the Sixth Development Plan of the country—Payame Noor University as an International E-Learning Center
- Achieving the University Green Management Indicators, one of the university's priorities Reducing costs and organizing conferences using environmental indicators and electronic capacities in the form of blended learning

#### **\*** Conference Themes:

- Environmental Education and Water and Wastewater Management
- Environmental Education and Environmental Hazards
- Environmental Education and Sustainable Consumption Management
- Environmental Education and Philosophy of Education
- Environmental Education and Environmental Psychology
- Environmental Education and New Technologies
- Environmental Education and the Covid 19 Pandemic
- Environmental Education and Waste Management
- Environmental Education and Sociology
- Environmental Education and Sustainable Development
- Environmental Education and Green Management
- Environmental Education and Public Rights
- Environmental Education and Religions

#### **\*** Opening Ceremony:

The event began with the recitation of the Holy Quran and the national anthem of the Islamic Republic of Iran at Payame Noor University. Then pre-recorded speeches were played for the audiences in offline mode.

#### **\*** Keynote Speakers:

Professor Seyed Mohammad Shobeiri Head of UNESCO Chair on Environmental Education and Secretary of the Conference:



In the first speech, Professor Seyed Mohammad Shobeiri stated that people's views on the environment play an important role in the formation of their favorable or unfavorable environmental behaviors. He emphasized that the way out of environmental problems requires a change in thinking and acting and stated: "Creating a change in this field is inevitable and necessary for managers, planners, decision-makers, and general citizens".

He acknowledged that universities and scientific and research centers should be effective in defining and explaining the ethical approaches required to protect the environment by playing their educational and research roles while influencing people's environmental thinking and beliefs.

#### Dr. Mohammad Ali Ebrahimi Deputy of Research and Technology of Payame Noor University:



Referring to the successful holding of four prior conferences in the field of the environment, Dr. Ebrahimi said: "The holding of the fifth environmental conference demonstrates the importance of environmental education in the sustainable development of the country. It has provided a very valuable capacity and opportunity for the scientific community of the country".

He mentioned that the adoption of strategies, findings, and policies in the field of environmental education is one of the advantages of holding such conferences. He added: "Universities have a special capacity to expand environmental education, and we hope that this conference will be a platform for exchanging information and creating a foundation to transfer experiences.

Dr Somayeh Rafiei Member of the Islamic Council and Head of the Environment Faction



Dr. Somayeh Rafiei (Member of the Islamic Council and Head of the Environment Faction):

Dr. Somayeh Rafiei described environmental education and its fundamental understanding as one of the important bottlenecks facing the country. She said: "Education is the only way out of the country's environmental challenges, and special investment should be made in this area".

She added: "Environmental education worldwide has received very favorable feedback. If the necessary awareness is given to the people in our society through education, it will be very effective." She also stressed that the country's officials and decision-makers should view environmental education as a major topic of focus.

Dr. Hojatollah Ayoubi Secretary General of the Iranian National Commission for UNESCO



Dr. Hojatollah Ayoubi, stating that humanity's record of environmental treatment has not been brilliant, added: "Iran, with its proud historical and cultural history, should be a model for promoting environmental culture".

He added: "Dealing with the environment is either civilized or uncivilized. Iran, as a country with a thousand years of cultural history

and the presence of intellectuals, scientists, and poets, has the capacity to serve as an educator for humanity. We should seek to reform uncivilized behaviors regarding the environment".

He considered the holding of this meeting to be very effective and desirable for increasing people's awareness of the environment and added: "The first step for growth and progress in the field of the environment is to become aware of unwise behavior. Fortunately, we have achieved this awareness, and we should leverage our religious, historical, and cultural background to become a leading example for other countries in this field."

#### **Paper Presentations and Panel Discussions:**

After the opening ceremony, on the morning of the conference, 18 selected papers were presented and judged in three separate panels conducted online, with two judges in each panel and the participation of interested parties. Researchers from all over the country shared their findings and answered the questions of the panel's judges.

	Panel Discussion 01			
	Prof. S. Mohammad Shobeiri	Dr. Sadegh Salehi		
	Paper Topic	Author		
1	Presenting a model with an emphasis on environmental education in order to evaluate and identify the appropriate place to collect electronic waste using AHP	Mr. Mehdi Mozafari		
2	Social sacrifice and environmental protection of Iran	Mr. Davood Mehrabi		
3	Application of philosophy program for children in environmental protection education	Mr. Abbas Izadi		
4	A successful experience of art-based air pollution education for children	Dr. Sahar Rashidi		
5	Labor market decisions with a sustainable development approach during COVID-19	Ms. Roya Rozegari Khanghah		
6	Novel as a Form to Save the Environment an Ecocritical Reading	Mr. Sorena Zandi		

	Panel Discussion 02			
	Dr. Fatemeh Parasteh		Dr. Maryam Larijani	
	Paper Topic		Author	
1	The role of green entrepreneurial orientation and market orientation on the realization of competitive advantage with the mediating role of intra-organizational learning (case study: Isfahan Tejarat Bank branches)		Dr. Mosaieb Abdoli Arani	
2	Assessing the health risk of construction environments using the TOPSIS phase method		Dr. Eghbal Sekhavati	
3	Sociological study of the pro-environmental point of view of children in the first year of elementary school (6 to 8 years old)		Ms. Sousan Tahmasbi	
4	4 Investigating the effectiveness of distance education for Tehran women in the field of covid 19 waste management		Ms. Shahed Shoa'ei	
5	Evaluation of wetlands protection training worksho	ps	Dr. Elham Forotan	
6	Factors related to the tendency towards environn under study: citizens of Naqdeh city	nental behaviors	Ms. Mohammad Allah Verdian	

	Panel Discussion 03			
	Prof. Fahimeh Haghighi		Dr. Mahdieh Rezaei	
	Paper Topic		Author	
1	Presenting a model for predicting optimal energy consumption among secondary school students in Shiraz city (based on Agen's theory of planned behavior)			
2	Analyzing the environmental consequences of the Covid-19 pandemic in research articles		9 Ms. Rihane Ashena	
3	Quantitative analysis of the components of environmental literacy among the citizens of Mashhad		Dr. Paria Dorry	
Investigating the position of environmental education in Iran's formal and informal education system in 1400		's Mr. Mona Ghaforian		
5	Investigating the relationship between teache	rs' skills	in Dr. Manizhe Ahmadi	

environmental education and creating attitudes in primary school students (case study: Isfahan schools)		
6	Environmental and safety risk management in educational and research centers	Mr. Mohammad Mojtabaei

#### **Specialized Online Meetings:**

In the afternoon of the conference, two specialized sessions and seven scientific panels were presented virtually in various environmental topics with the participation of the scientific associations of social psychology, geography and rural planning of Iran, comparative education and organization SAMT, and according to the announced program, each Speakers presented their content and at the end of each panel, question and answer sessions were held.

	Meetings			
	The main topic	Sub topic	Presenter	
		How to construct and analyze ecological linguistics speech and its impact on society	Dr. Ferdous Agha Golzadeh	
1	Environmental education and linguistics - Scientific secretary (Dr. Zahra Abolhasani Chime)	Language bias in environmental language: a critique on the term selection process for environmental concepts	Dr. Hossin Davari	
		Language and Representation of the Natural World: Animals in the Symbolic World	Dr. Amir Ghorbanpour	
	Enviroenmntal education and integrated management of	Statement of the problem and the broad dimensions of the meeting	Dr. Mostafa Taaleshi	
2	Iran's water resources- Scientific secretary (Dr. Mostafa	Management of exploitation of water resources and leading challenges	Dr. Seyyed Ahmad Hidarian	
	Taaleshi)	Stakeholder theory and thoughtful management of water resources	Dr. Ghadir Firoznia	
3	Environmental education and UNESCO's contribution to environmental protection		Dr. Nasrin Fakhri	
	Environmental education and	Psychology of environmental protection	Dr. Majid Safarinia	
4	environmental psychology- Scientific secretary (Dr. Majid	Effective factors in environmental protection behaviors	Dr. Zohre Rafezi	
	Safarinia)	Attitudes and behaviors of sustainable environmental protection	Dr. Shiler Kikha vei	
	Religion and environment-	Environmental perspectives in the spiritual traditions of world religions	Dr. Vahid Mahmoudi	
5	Scientific secretary (Dr.  Mohammad Sadegh	Man's position in environmental theology of Islam: Caliph or Abd	Dr. Masoud Shaavarani	
	Jamshidirad)	Christian theology and the challenge of restoring the earth	Dr. Zarin Monajati	
6	Environmental education and comparative education-	Outdoor learning: Looking beyond the classroom walls	Dr. Afsaneh Abdolahi	
U	Scientific secretary (Dr. Abbas Madandar Arani)	Examining different approaches to educating environmental citizens	Dr. Mohammad Sharif Taherpour	
7	Environmental education and citizenship rights-	Environment and citizenship rights in international documents	Dr. Asgar Jalalian	
,	Scientific secretary (Dr. Asgar Jalalian)	Urban environment in the light of legislation and supervision	Ms. Somayeh Rafiei	

#### UNESCO Chair on Environmental Education – Payame Noor University – Islamic Republic of Iran

		Participation of citizens in waste management	Dr. Seyed Habib Razi
environment in the rig Guaranteeing the violations of environment in the		Waste management and urban environment in the light of citizenship rights	Dr. Hasan Pasandideh
		Guaranteeing the implementation of violations of environmental regulations and the right of citizens to sue	Mr. Houshang Moradi
	Circular economy in waste	Circular economy in plastic waste management	Mr. Hamidreza Panahande
8	management- Scientific secretary (Dr. Saeideh Karimi)	Circular economy in textile waste management	Dr. Aboali Golzari
		Circular economy in food waste management	Dr. Behnaz Raheli
9	Social-linguistic reflection of human self-control towards animals		Dr. Bahman Zandi

#### ❖ 6th National Conference of Environmental Education was held as webinar, 25 January 2023

The 6th National Conference of Environmental Education aimed to create a suitable environment for thinking, exchanging scientific information, and transferring the experiences and achievements of researchers in this field. Its goal was to provide new solutions in sync with current scientific and educational technologies, creating a context for conducting scientific and practical research and studies to achieve sustainable development. The conference was held on 25 January 2023.

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The purpose of organizing the conference as a webinar:

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- Interaction with experts and researchers to exchange and share experiences and knowledge on collaborative education, environmental awareness, and information in the field of the environment, with an emphasis on blended learning
- Time-saving access to educational, scientific, and research information
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- Achieving the University Green Management Indicators, one of the university's priorities Reducing costs and organizing conferences using environmental indicators and electronic capacities in the form of blended learning

#### **\*** Conference Themes:

- Environmental Education and Covenants, Holy Quran and Shia and Sunni Hadiths
- Environmental Education and the Words of Amir al-Mominin with Emphasis on Nahj al-Balaghe
- Environmental Education and Curriculum
- Environmental Education and the Covid 19 Pandemic
- Environmental Education and Sustainable Development
- Environmental Education and Biodiversity
- Environmental Education and Sociology
- Environmental Education and Local Communities
- Environmental Education and Public Law

- Environmental Education and Environmental Psychology
- Environmental Education and Philosophy of Education
- Environmental Education and New Technologies
- Environmental Education and Environmental Hazards

#### **\*** Opening Ceremony:

The event began with the recitation of the Holy Quran and the national anthem of the Islamic Republic of Iran at Payame Noor University. Then pre-recorded speeches were played for the audiences in offline mode.

#### **\*** Keynote Speakers:

Professor Seyed Mohammad Shobeiri Head of UNESCO Chair on Environmental Education and Secretary of the Conference:



Dr. Seyed Mohammad Shabeiri produces, modifies, or transfers new knowledge. Many of the environmental challenges that we are currently facing at the national and international levels stem from the failure of the higher education system to play the correct role in training graduates equipped with the knowledge of sustainable development and environmental protection. To achieve sustainable progress, the higher education system must be a leading system and a model for other organizations and institutions in integrating

sustainability, including its environmental aspects, into its programs and activities. The UNESCO Chair in Environmental Education and the Environmental and Sustainable Research Institute of Payam Noor University, as specialized groups in this field, have planned their activities towards this goal.

Conference programs included 2 morning and afternoon sessions, comprising the opening program, 4 panels presenting articles with the themes of environmental education and social responsibility, education, environmental science and engineering, environmental education and educational innovations, and environmental education and the sciences of the Qur'an and Hadith. In parallel, 8 specialized webinars were held. It is hoped that these events and scientific discussions will help us fulfill the social responsibility of universities in an effort to achieve a local development model and realize a sustainable environment.

Dr. Mohammad Ali Ebrahimi Deputy of Research and Technology of Payame Noor University:



Dr. Mohammad Ali Ebrahimi, while thanking the participants in this conference, emphasized the importance of holding this conference considering the significant role of the environment. Referring to the 18 themes of the conference, he highlighted its role in improving the quality of scientific events.

He stated that the role and importance of environmental education are very valuable in terms of human survival and emphasized the need to

pay serious attention to the younger generation and teenagers in environmental education. He also stressed enriching educational, research, and cultural topics in this field. While emphasizing the need to create a dominant discourse in environmental education and the prominent role of UNESCO Chair

scientific conferences in this area, he highlighted the necessity of preserving the trust of the environment and passing it on to future generations, emphasizing the need for cooperation from all parts of society in this regard.

Dr. Halma Sadat Hosseini Director General of the Environment and Sustainable Development Department of Tehran Municipality:



Dr. Halma Sadat Hosseini, highlighting that with the increase in population and the development of urbanization, we are witnessing the expansion of environmental challenges and problems. She stated that the 18 axes of this conference, one of which is new technologies, offer hope that we will see the role of new technologies in environmental education become more prominent.

Referring to the report of the World Economic Forum and introducing existing risks for the next 10 years, she emphasized key environmental issues such as climate change and the role of environmental economics.

Dr. Hosseini also mentioned the creation of environmental houses by the municipality in 352 neighborhoods to promote voluntary activities among citizens. She reemphasized the importance of citizens' participation in environmental education and highlighted the importance of using electronic models for environmental citizenship education.

Dr. Ziaeddin Almasi head of the center for environmental education and training of environmentalists



Dr. Dr. Almasi pointed out that the environment is the basis for the development and survival of life and the foundation of any economic or non-economic activity. He emphasized the need to pay attention to and preserve it. He added that protecting the environment requires specific knowledge, literacy, and intelligence.

From this perspective, environmental education is the main pillar of stability and balance, ensuring a healthy environment while

fostering development. He stated that the goal of environmental education is to create a society that is aware of the environment and actively committed to its issues. He also emphasized the importance of formal environmental education and environmental education in jobs.

The head of the Center for Environmental Education and Training of Environmentalists further highlighted the need for the academic sector to expand its role in this area. He thanked the organizers of the 6th National Conference of Environmental Education and expressed hope for increased interactions.

Dr. Ali Akbar Matkan Secretary General of the Iranian National Commission for UNESCO:

Dr. Ali Akbar Matkan stressed that solving environmental problems requires strong dialogues in different fields, and education, coupled with appropriate policies and planning, can properly play the role of creating such dialogue. From this perspective, policymaking in all fields, especially in education, must align with environmental protection and ultimately human health.



In environmental education, components such as promoting public awareness, developing a deep understanding of the environment, increasing public motivation, building skills, and fostering participation in environmental problem-solving activities play critical roles. He also stressed the importance of environmental subsidies and incentives in ensuring the effectiveness of these components.

He posed the question: "What have we done for the environment, given its multiple functions and assistance to humanity"?

He emphasized that environmental education should take place in practice and turn every person in society into an environmental watcher. He stated: "Our expectation from this conference is such an approach, leading to the production of 'environmental education policy packages' that can become an 'environmental education document' available to policymakers and environmental planners."

#### **\*** Paper Presentations and Panel Discussions:

After the opening ceremony, on the morning of the conference, 19 selected papers were presented and judged in four separate panels held online, with three judges in each panel and the participation of interested parties. Researchers from all over the country shared their findings and answered the questions of the relevant panel's judges.

	Panel Discussion 01				
]	Prof. S. Mohammad Shobeiri	Prof. Mo	stafa Taale	shi	Dr. Sadegh Salehi
	Paper	Topic			Author
1	Sociological explanation of the r and environmental normality Khorramshahr city)	•	-		c. Ebrahim Mirzaei
2	Investigating the relationship between information literacy and		s. Sahar Niknam		
3	Identifying and prioritizing the key beneficiaries of the SIPAI program of the International Goiter Wetland in the Makran coasts		1 1 1	s. Samaneh Dalir	
4	Investigating the level of a environmental principles of to university employees)				r. Elham Frotan
5	Air pollution control training is responsibility of organizations	s a mandatory su	bject for so	ocial M	s. Shahed Shoa'ei

	Panel Discussion 02				
Dr. Babak Omidvar Dr. Maryam Larijani		Dr. Hassan Darabi			
	Paper Topic		Author		
	1 LCA life cycle assessment training in higher education		Dr. Ladan Razi kordmahaleh		
	2	Analyzing the fields of traini agriculture in order to increase sector in the face of climate char	Dr. Somayeh Oryan		

	Providing an educational program to improve the health, safety and hygiene of waste management agents	
Meta-analysis of environmental researches in the theoretical content of urban agriculture education		Ms. Rihane Ashena
5	Using the SWOT method for the optimal establishment of the green management system in the centers and units of Payam Noor University, Kerman province	Dr. Hamide Absalan

	Panel Discussion 03			
	Dr. Fahimeh Haghighi	Dr. Marjan Masomei Fard	Dr. Mahdieh Rezaei	
	Papa	er Topic	Author	
1	The effectiveness of environmental education based on the organizational excellence model on the level of environmental literacy (case study: waste reduction of Kosar tube rolling company, Spadana, Isfahan city)		Mr. Hamidreza Sameri Kamari	
2	Development of a policy model for environmental education in epidemic crises according to the lessons learned from the Covid-19 epidemic		Mr. Mohsen Fathi	
3	A look at environmental educati	on in Australia	Mr. Sorena Zandi	
4	The importance of the component of participation and action in environmental education, focusing on the content of Persian books in the first grade of elementary school		Mr. Kivan Salemi Feih	
5	Green schools, school garden a create ecological intelligence in	nd eco-pedagogy, a springboard to students	Ms. Nasim Roshani	

	Panel Discussion 04			
Pro	of. Mohammadhadi Amin Naji	Dr. Fatemeh Parasteh		
	Pape	er Topic	Author	
1	Comparative study of "food of Bani Israel" in "Holy Qur'an" and "Torah" with emphasis on "food pyramid"		Dr. Ali Hasannia	
2	2 Environmental processing in the Qur'an and Hadith focusing on air and wind		Dr. Hasan Mahdifar	
3	Environmental education in Islamic teachings and Nahj al-Balagha of Imam Ali (AS)		Mr. Saeid Sabet Navar	
4	Preventing and dealing with environmental water pollution from		Dr. samaneh Azizi	

#### **\*** Specialized Online Meetings:

In the afternoon of the conference, 1 specialized session and 7 scientific panels were held with the participation of organizations and institutions such as the Environmental Protection Organization, the National Commission of UNESCO, the Office of Human Rights and Pursuing Citizen Rights of the Ministry of Justice, the General Department of Environment and Sustainable Development of Tehran Municipality, and the scientific associations of Nahj al-Balagha Iran, Geography and Rural Planning of Iran, and Comparative Education. These panels were presented virtually on various environmental topics. According to the announced program, each of the speakers delivered their presentations, and at the end of each panel, question-and-answer sessions were conducted.

	Meetings				
	The main topic	Sub topic	Presenter		
1		Environment and citizenship rights in international documents	Dr. Asgar Jalalian		
	Environmental education and citizenship rights- Scientific secretary (Dr. Asgar Jalalian)	Urban environment and citizenship rights in the light of legislation and supervision	Dr. Somayeh Rafiei		
		Legislative capacities and challenges in the field of social damage caused by urban waste	Dr. Fatemeh Ghasempour		
		Environmental challenges of waste management in the country in the light of citizenship rights	Dr. Hasan Pasandideh		
		Citizen-oriented strategies in urban waste management	Dr. Masoud Ahmadi		
		Community-oriented participation and the right to the environment	Mr. Mohammad Alamoti		
		The position of citizens' right to sue and the guarantee of enforcement of environmental regulations in Iran's legal system	Mr. Houshang Moradi		
2	Environmental education and theology, sacred texts of Abrahamic religions and Islamic sources - Scientific secretary (Dr. Mohammadhadi Aminaji)	The relationship between the environment and humans during crises from the perspective of Nahj al-Balagha	Dr. Mohammadhadi Aminaji		
		Environment and its preservation in the traditions of Ahl al-Bayt and the perspective of hadith commentators	Dr. Alireza Tabibi		
		Ways to reach peace in the Holy Quran and Testaments with regard to the environment	Dr. Ali Hasannia		
		Rereading verses indicating environmental protection based on co- textual analysis	Dr. Mohammad Sanaeipour		
		The relationship between nature, nature and industry based on Islamic wisdom	Dr. Reza Rasoli Sharbiani		
	Environmental education,	Environmental education and applied linguistics: links and applications	Dr. Hossin Davari		
	linguistics and interdisciplinary studies- Scientific secretary (Dr. Bahman Zandi)	Environmental linguistics, a reflection on kinship terms	Dr. Fourogh Kazemi		
		Code of Iranian names from the perspective of environmental linguistics	Dr. Majid Tameh		
		Integrated analysis of environmental issues in rural areas of Iran	Dr. Farhad Azizpour		
4	Environmental challenges of rural areas in Iran- Scientific secretary (Dr. Mostafa Taaleshi)	Adaptation to climate change in rural areas	Dr. Asghar Tahmasbi		
		The challenges of international cooperation in the field of environment with an emphasis on the phenomenon of dust	Dr. Hossin Rabiei		
		Challenges of water and soil sources in watersheds of the country	Dr. Houshang Jazi		
	Environmental education, urban development and urban	Environmental education, urban waste planning and management	Dr. Seyed Mehdi Mosaa Kazemi		

#### UNESCO Chair on Environmental Education - Payame Noor University - Islamic Republic of Iran

	planning- Scientific secretary (Dr. Seyed	Environment and green educational centers	Dr. Hidar Jahanbakhsh
Mehdi Mosaa Kazemi)		Environment, participation of citizens and local communities	Dr. Esmail Ali Akbari
		Environmental challenges, architecture and urban design	Dr. Esmail Zarghami
	Environmental education and	International experiences in environmental education for adults	Dr. Morteza Ghobadi
6	comparative studies- Scientific secretary (Dr. Abbas	International experiences in environmental education	Dr. Davood Mirzaeifar
	Madandar Arani)	International experiences in children's environmental education	Dr. Afsane Abdoli
9	Environmental education from the perspective of UNESCO and related incentive activities		Ms. Pimane Pourhadi

#### 7th National Conference of Environmental Education Held as a Webinar - 5 March 2024

The 7th National Conference of Environmental Education aimed to create a suitable environment for thinking, exchanging scientific information, and transferring the experiences and achievements of researchers in this field. Its goal was to provide new solutions in sync with current scientific and educational technologies, creating a context for conducting scientific and practical research and studies to achieve sustainable development. The conference was held on 5 March 2024.

This conference was conducted completely online to align with the policies of university green management. It was hoped that this scientific event would provide an opportunity to exchange the latest related achievements to deeply examine future developments. By using its results, the necessary planning for the scientific evolution and development of the country could be facilitated.



The purpose of organizing the conference as a webinar:

- Removing geographical constraints on environmental education and learning
- Interaction with experts and researchers to exchange and share experiences and knowledge on collaborative education, environmental awareness, and information in the field of the environment, with an emphasis on blended learning

- Time-saving access to educational, scientific, and research information
- Showcasing the ability of Payame Noor University to provide e-learning to all audiences in the country
- Advancing the mission of the university in the Sixth Development Plan of the country—Payame Noor University as an International E-Learning Center
- Achieving the University Green Management Indicators, one of the university's priorities
- Reducing costs and organizing conferences using environmental indicators and electronic capacities in the form of blended learning

#### **\*** Conference Themes:

- Environmental Education and Religions
- Environmental Education and Curriculum
- Environmental Education and Sustainable Development
- Environmental Education and Biodiversity
- Environmental Education and Sociology
- Environmental Education and Local Communities
- Environmental Education and Family
- Environmental Education and Public Law
- Environmental Education and Environmental Psychology
- Environmental Education and Health
- Environmental Education and New Technologies
- Environmental Education and Environmental Hazards
- Environmental Education and Waste Management
- Environmental Education and Green Information and Communication Technology
- Environmental Education and Green Educational Centers
- Environmental Education and Water and Sewage
- Environmental Education and Interdisciplinary Studies
- Environmental Education and Economics, Management and Entrepreneurship

#### **\*** Opening Ceremony:

The event began with the recitation of the Holy Quran and the national anthem of the Islamic Republic of Iran in Payame Noor University. Then specified speeches were played for the audiences in offline mode.

#### **\*** Keynote Speakers:

Professor Seyed Mohammad Shobeiri Head of UNESCO Chair on Environmental Education and Secretary of the Conference:

Dr. Seyed Mohammad Shobeiri, while welcoming the online and offline participants of the conference, stated: "Without a doubt, many contemporary environmental challenges are rooted in human behavior, and people's views on the environment play an important role in shaping their environmental behaviors. Therefore, the way out of the contemporary environmental crisis requires a transformation in the way of thinking and acting. This development is both inevitable and necessary for all citizens and requires moving toward environmental citizenship".

#### UNESCO Chair on Environmental Education - Payame Noor University - Islamic Republic of Iran



Dr. Shobeiri announced the programs of this national conference, including the oral presentation of 15 selected articles in the form of 3 parallel specialized panels, the presentation of 30 articles as posters, and the holding of 8 scientific-specialized meetings. He expressed his gratitude to the Honorable Chairman of the Environmental Fraction of the Islamic Council, the officials of Payam Noor University, especially the Honorable Vice President of

Research, the participation of the Honorable Vice President of Education, and the contributions of the Environmental Protection Organization, Human Rights Headquarters of the Judiciary, the General Department of Environment and Sustainable Development of Tehran Municipality, and other participating institutions and organizations.

Dr. Khadijah Didehban Deputy of Research and Technology of Payame Noor University:



Dr. Khadijah Didehban stated at this scientific conference: "A major part of existing environmental problems is rooted in a lack of necessary awareness and cultural weaknesses in the field of the human-environment relationship and is actually cultural in nature. The important role of education and research at all levels in raising the level of knowledge, analytical ability, ethics, and responsibility of people towards society and the environment is undeniable".

She emphasized the mission of universities and scientific and research centers, particularly Payam Noor University, in addressing environmental challenges.

Dr. Didehban also stated that in the past 15 years, Payam Noor University has prioritized environmental education by establishing its specialized field for the first time at the higher education level in the country, particularly in postgraduate courses. Additionally, through research activities such as the publication of a scientific quarterly on this subject, the organization of annual national conferences, and the hosting of specialized festivals, the university has worked to fulfill its responsibilities in this area. Since 2016, with the designation of a UNESCO Chair in Environmental Education at this university, it has expanded its activities and sought to play a pivotal role in realizing sustainable development for the country's environment.

Dr. Halma Sadat Hosseini Director General of the Environment and Sustainable Development Department of Tehran Municipality:



Dr. Halma Sadat Hosseini thanked the secretary of the conference and Payam Noor University for holding annual conferences and noted that the main difference between this year's conference and previous ones was the introduction of environmental education at the national macro level and its approval for inclusion in the country's official calendar. She stated that Tehran Municipality, in 2023, prioritized environmental education, aiming to popularize environmental education and attract all

audiences to collaborate in solving environmental problems.

She considered popularization and increasing public participation in the field of the environment as a responsibility of all citizens and emphasized the role of officials in providing the necessary infrastructure to support this effort.

Dr. Noorullah Moradi, Deputy Director of Education and People's Partnerships of the Environmental Protection Organization



Dr. Noorullah Moradi, while congratulating the audience on Environmental Education Day for All and acknowledging the blessings of God for efforts in this field and those responsible for the inclusion of this day in the country's official calendar, stated: "Based on studies conducted, the risks of the next ten years for the world can be divided into two categories: environmental and virtual space/artificial intelligence. Six out of ten of these risks are directly related to the environment."

He considered the day of public education of the environment as valuable for all those interested in this watershed and considered strengthening the sense of national integration and the main elements of the identity of the national discourse possible through the environment and emphasized the need to educate people who are attached to the elements of the environment. He considered this day important for branding in the field of environmental education and emphasized the role of creative activities and using all the country's capacities in this field.

Dr Somayeh Rafiei Member of the Islamic Council and Head of the Environment Faction

Dr. Rafiei, while thanking Dr. Shobeiri and his colleagues, considered it appropriate to celebrate Environmental Education Day in the official sphere of the country and evaluated environmental education as a key solution to the country's problems. While appreciating the positive efforts made in this field, especially in the field of women and family, he considered environmental education to be very necessary to increase awareness and participation, and emphasized the importance of environmental education at the level of managers, policymakers, and decision-makers, and emphasized the need to address this issue.

Dr. Ansiyeh Khazali, Deputy President of the Republic for Women and Family Affairs

Dr. Khazali The issue of the environment and the role of the family and women in preserving the environment and preventing environmental threats, including pollution, etc., is not hidden from anyone, and its importance and priority are clear to everyone. Our religious teachings specifically emphasize avoiding waste and wasting natural resources to have a healthier and cleaner environment, so one of our important tasks is to institutionalize these values and create a culture in this field at the community level. He stated that the health of life, the environment, and human life are important tasks for women in this field, and some of the issues in this field are separation of waste and creation of dry land for animal feed and raising seedlings to participate in the One Billion Seedlings Project, and expressed hope that the important role of women will be seen and the necessary training will be transferred to women and from them to their children as the future builders of society.

#### Paper Presentations and Panel Discussions:

After the opening ceremony, on the morning of the conference, 15 selected papers were presented and judged in three separate online panels with three judges on each panel and the participation of interested parties. Researchers from all over the country presented their findings and answered questions from the panel judges.

Panel Discussion 01			
Prof. S. Mohammad Shobeiri		Dr. Sadegh Salehi	
	Paper Topic		Author
1	Costa Rica's experience in environmental education		Mr. Sorena Zandi
2	The role of environmental knowledge and education in the water vow project and increasing public participation in the endowment and development of sustainable water in the water crisis of 1401 Hamedan		Mr. Hasan Shiva
3	The role of education in promoting entrepreneurship and the resistance economy and its impact on the environment		Ms. Manizhe Ketabchi
4	The place of the principle of cooperation and collaboration in religious teachings (Islam)		Ms. Mahnaz Ranjbar
5	Developing an Environmental Behavior Mo Ecological Literacy Through Students' Contextual		Dr. Talat Sabbagh Hasanzadeh
6	Identification and validation of environmental educin the field of rural women: A documentary study	cation indicators	Dr. Siroos Mansouri

Panel Discussion 02				
Dr. Marjan Masomei Fard			Dr. Mahdieh Rezaei	
	Paper Topic		Author	
1	Evaluating the Role of NGO Environmental Education in Sustainable Development: A Case Study of Golkandi Village		Dr. Masoomeh Ghasemi	
2	Analysis of factors affecting citizens' environmental behaviors		Dr. Hossin Safari	
3	The role of environmental education in the control and management of microplastics		Ms. Parisa Safardokht Bahar	
4	Comparing the effects of traditional education and presence in the environment based on a constructivist approach on learning, memorization, and environmental attitudes of 11th grade students in the Human and Environment course		Ms. Siran Ahmadi	
5	Assessment of knowledge, attitude and performance of healthcare workers in the field of waste management (Case study: Kamali Educational and Medical Center, Karaj)		Mr. Farzad Nikzad	
6	Designing a model to improve environmental behavior management in Kowsar Clinic, Shiraz, based on the theory of open surface expansion (Pangreh Johari)		Dr. Shokoh Nozari	

Panel Discussion 03				
Dr. Fahimeh Haghighi			Dr. Maryam Larijani	
	Paper Topic		Author	
1	The effectiveness of environmental education on reducing nickel effluent from the plating unit		Mr. Hamidreza Sameri Kamari	
2	The role of organizational education in green excellence with a productivity approach		Ms. Shahed Shoa'ei	
3	The role of environmental education in sustainable	development	Mr. Mojtaba Yousefvand	

#### **Specialized Online Meetings:**

In the afternoon of the conference, 7 specialized sessions and scientific panels were presented virtually on various environmental topics with the participation of organizations and institutions such as the Environmental Protection Agency, the UNESCO National Commission, the Human Rights and Citizenship Rights Office of the Ministry of Justice, the General Directorate of Environment and Sustainable Development of Tehran Municipality, and the Iranian Geography and Rural Planning and Environmental Assessment Scientific Associations. According to the announced program, each speaker presented their material, and at the end of each panel, question and answer sessions were held.

## **❖** Scientific webinar on combating climate change, reviewing the plan to write a book on climate change and its consequences in Iran- 6 November 2021



On the occasion of World Climate Change Day and with the participation of the Humanities Research and Development Institute (SAMT), a webinar was held to review the plan to write the book Climate Change and Its Consequences in Iran, with the presence of a group of professors in this field and the author of this book, Dr. Azar Zarrin, and critics Dr. Qasem Azizi and Dr. Hassan Lashkari presented their opinions. At the end of the webinar, a summary of the opinions was made by Dr. Parvaneh Shahhosseini, the scientific secretary of the webinar and director of the Environmental Sciences Group of the SAM organization.

## **❖** Holding the third 3-minute presentation competition for master's theses and doctoral dissertations in the field of environmental education- 19 January 2022



The third round of the three-minute student thesis presentation competitions in the field of "Environmental Education" was held virtually on Wednesday, 19 January 2022, from 8:00 AM to 12:00 PM.

In this competition, students and graduates whose theses or dissertations were in the field of environmental education had to present their theses to the jury within three minutes. After the judges presented their scores, the first to third place winners were determined and introduced as the winners of the third round of the competition. This round of the competition was held in the presence of the jury members Dr. Sadegh Salehi (University of Mazandaran), Dr. Fahimeh Al-Sadat Haghighi (Member of the Environmental Education Chair at Payam Noor University), and Dr. Fatemeh Parseteh Qombavani (Islamic Azad University – Karaj Branch).

Also, due to the COVID-19 pandemic and the nature of Payam Noor University to provide services in an offline and virtual manner, the entire competition process was presented in an offline and virtual manner, which can be considered one of the notable points in this competition. After the presentations of all participants and based on the opinion of the jury, Ms. Farzaneh Askari won first place, Dr. Masoud Saeedi second place, Dr. Zahra Pazukinejad third place, and Ms. Fouzoie Dehzad Rostami won the title of the winner.

## ❖ Scientific Webinar on Environmental Education and Linguistics - 5th National Conference of Environmental Education - 26 January 2022



The scientific webinar on environmental education and linguistics was held virtually with the participation of the Humanities Research and Development Institute (SAMT) with the themes of " How to construct and analyze ecological linguistics speech and its impact on society" presented by Dr. Ferdous Agha Golzadeh, " Language bias in environmental language: a critique on the term selection process for environmental concepts" presented by Dr. Hossin Davari, and " Language and Representation of the Natural World: Animals in the Symbolic World" presented by Dr. Amir Ghorbanpour, and with the presence of a group of experts in this field, along with a question and answer program.

# ❖ Scientific webinar on environmental education and integrated water resources management in Iran- 5th National Conference of Environmental Education- 26 January 2022



The scientific webinar on environmental education and integrated water resources management in Iran was held virtually with the participation of the Iranian Society of Geography and Rural Planning, with the themes of "Statement of the problem and the broad dimensions of the meeting", "Management of exploitation of water resources and leading challenges" and "Stakeholder theory and thoughtful management of water resources" and was attended by Dr. Mostafa Taaleshi, professor at Payam Noor University and chairman of the board of directors of the Iranian Society of Geography and Rural Planning, Dr. Seyed Ahmad Heydarian, member of the academic staff of the Agricultural Research Organization, and Dr. Ghadir Firouznia, associate professor at Payam Noor University.

❖ Scientific webinar on Religion and environment - 5th National Conference of Environmental Education- 26 January 2022

#### UNESCO Chair on Environmental Education – Payame Noor University – Islamic Republic of Iran



The scientific webinar on religion and the environment was held virtually with the participation of the Humanities Research and Development Institute (SAMT) and the themes of "Environmental Perspectives in the Spiritual Traditions of World Religions," " Man's position in environmental theology of Islam: Caliph or Abd," and "Christian theology and the challenge of restoring the earth", with the presence of a group of experts in this field, along with a question and answer program.

## Scientific webinar on Environmental education and environmental psychology 5th National Conference of Environmental Education - 26 January 2022



The scientific webinar on environmental education and environmental psychology was held virtually with the participation of the Iranian Social Psychology Association and with the themes of "Psychology of Environmental Protection", "Factors Affecting Environmental Conservation Behaviors", and "Attitudes and Behaviors of Sustainable Environmental Conservation" in the presence of Dr. Majid Safarinia, Professor at Payam Noor University and President of the Iranian Social Psychology Association, Dr. Zohreh Rafezi, faculty member at Allameh Tabatabaei University, and Dr. Schiller Kaykhaveli, researcher in the field of social psychology.

## ❖ Scientific webinar on Environmental education and comparative education- 5th National Conference of Environmental Education- 26 January 2022



The scientific webinar on environmental education and comparative education was held virtually with the participation of the Iranian Association for Comparative Education and with the themes of "Outdoor Education" and "Examining Different Approaches to Educating Environmental Citizens" in the presence of Dr. Abbas Madandar Arani and Dr. Afsaneh Abdoli, faculty members of Lorestan University, and Dr. Mohammad Sharif Taherpour, faculty member of Malayer University. The webinar was held virtually and included a question and answer session.

## Scientific webinar on Environmental education and citizenship rights- 5th National Conference of Environmental Education- 26 January 2022



Scientific webinar on environmental education and citizenship rights with the participation of the Human Rights and Citizens' Rights Office of the Ministry of Justice, the Environmental Faction of the Islamic Consultative Assembly, the Waste Directorate of the Environmental Protection Organization, and the Environment and Urban Services Office of the Municipalities and Rural Areas Organization, with the themes "Environment and Citizens' Rights in International Documents", "Urban Environment in the Light of Legislation "Citizens' Supervision", **Participation** Management" and "Guaranteeing the Implementation of the Role of Environmental Regulations and Citizens' Right to Appeal" with the presence of Mr. Dr. Asgar Jalalian, Professor at Payam Noor University and Director General of the Human Rights and Citizens' Rights Office of the Ministry of Justice, Ms. Somayeh Rafiei, Head of the Environmental Faction of the Islamic Consultative Assembly, Dr. Seyed Habib Razi,

Director General of the Urban Services Office of the Municipalities and Rural Areas Organization of the Ministry of Interior, Dr. Hasan Pasandideh, Director General of Waste of the Environmental Protection Organization, and Mr. Houshang Moradi, Deputy Director General of the Human Rights and Citizens' Rights Office of the Ministry of Justice, virtually and with extensive participation. Mayors and urban affairs experts from all over the country were held.

## ❖ Scientific webinar on Circular economy in waste management- 5th National Conference of Environmental Education- 26 January 2022



The scientific webinar on circular economy in waste management was held virtually with the participation of the Tehran Municipality Waste Management Organization and focused on "circular economy in plastic waste management", "circular economy in textile waste management", and "circular economy in food waste management", with the presence of a group of experts and a question and answer program.

#### **❖** Environmental Education Festival: Only One Earth- 12 June 2022

In conjunction with the celebration of Environment Week, the UNESCO Chair in Environmental Education, in line with its policies to familiarize the public with environmental problems and



solutions to reduce them and attract citizens' participation in this matter, organized an Environmental Education Festival. This program was held in cooperation with the General Department of Environment and Sustainable Development of Tehran Municipality and the Municipality of District 2. This festival was held on Sunday, 12 June 2022, coinciding with Environment Week, at the Specialized and Intelligent Center for Dry Waste Recovery and Environmental Education in Tehran (MRF).

This program, which was very well received by environmental enthusiasts, was implemented with the participation of neighborhood centers, active environmental associations, environmental houses, etc. 6 in-person educational workshops were planned and implemented.

#### - Children's educational workshop

The special educational workshop for children was held simultaneously with the special program for adults from 10:30 to 13:00, and more than 30 students and preschool and kindergarten children attended the workshop. In this workshop, the concepts of water, waste, biodiversity, and global warming were taught using children's literature. Then, the children were asked to illustrate the materials taught. At the end, all the children were also given valuable gifts. The facilitator of this workshop was Ms. Zahra Razini.

#### - Adult workshops

This program was held with the participation of 150 citizens of Region 2, and the target group was present continuously until the end of the training. The program time was from 10/30 to 13:00.

- 1- Practical training workshop "Clothing Cycle": In this workshop, an effort was made to familiarize the audience with the environmental hazards of clothing, fast fashion, health clothing, and the recovery and reuse of fabrics. The instructor of this workshop was Ms. Neda Sarmeh, CEO of the Sustainable Green Fashion Institute.
- 2- "Earth in Mothers' Hands" training workshop: This workshop, facilitated by Dr. Shervan Shoaei and Ms. Shahed Shoaei, focused on training in the field of energy and the proper use of resources, as well as the role of health in the environment.
- 3- In the workshop on the experience of smart waste management in Region 2: How to move and transport waste, the wet and dry waste collection fleet in Region 2, and the collection system (RFID) were informed. The instructor of this workshop was Mr. Ali Hosseinzadeh.
- 4- The experience of successful women in making paper and cloth bags in Region 2: This workshop was held with the presence of two female environmental activists in Region 2, Ms. Abdollahi and Ms. Tayeb, and discussed how to make recycled bags that are generally produced from paper and cloth waste.

In the practical training workshop on wet waste management, which was held with the presence of Ms. Dr. Hoda Dargahi, an environmental activist and member of the Zero Waste Campaign, the lived experience of women in the Zero Waste campaign in wet waste management was discussed.

## ❖ Scientific webinar on Environmental education and citizenship rights- 6th National Conference of Environmental Education- 25 January 2023



Scientific webinar on environmental education and citizenship rights with the participation of the Human Rights and Citizens' Rights Follow-up Office of the Ministry of Justice, the Environmental Faction of the Islamic Consultative Assembly, the Waste Directorate of the Environmental Protection Organization, the Environment and Urban Services Office of the Municipalities and Villages Organization, the Social Damages Committee of the Social Commission of the Islamic Consultative Assembly, and with the themes of "Environment and Citizens' Rights in International Documents", "Citizen-Centered Strategies in Urban Management", "Urban Environment and Citizens' Rights in the Light of Legislation and Supervision", "Community-Centered Participation and the Right to the Environment", "The Place of Citizens' Right to Appeal and Guarantee of Enforcement of Environmental Regulations in the Iranian Legal System" and

"Environmental Challenges of Waste Management in the Country in the Light of Citizens' Rights" with the presence of Mr. Asgar Jalalian, Associate Professor of Payam Noor University and Deputy for Human Rights and International Affairs of the Ministry of Justice, Ms. Eng. Somayeh Rafiei, Head of the Environmental Faction of the Islamic Consultative Assembly, Dr. Masoud Ahmadi, Advisor to the Head of the Organization Municipalities and Villages in Waste Affairs, Dr. Hasan Pasandideh, representative of the Environmental Protection Organization, and Mr. Houshang Moradi, Deputy Director of the Human Rights and Citizens' Rights Follow-up Office of the Ministry of Justice, Mr. Mohammad Alamuti, Secretary of the Coordination Council of the Networks of Environmental and Natural Resources NGOs in the Country, and Ms. Dr. Fatemeh Ghasempour, Member of the Islamic Consultative Assembly and Head of the Social Damages Committee of the Social Commission, were held virtually with the broad participation of mayors and urban affairs experts from across the country.

# ❖ Scientific webinar on Environmental education and theology, sacred texts of Abrahamic religions and Islamic sources- 6th National Conference of Environmental Education- 25 January 2023



The scientific webinar on environmental education and theology, sacred texts of Abrahamic religions, and Islamic sources was held virtually with the participation of the Iranian Nahj al-Balagha Studies Scientific Association, with the themes of "The relationship between the environment and humans in times of crises from the perspective of Nahj al-Balagha", "The environment and its preservation in the narrations of the Ahl al-Bayt and the perspective of the commentators of the hadiths", "Ways to achieve peace in the Holy Quran and the two Testaments with regard to the environment", "Rereading verses indicating environmental protection based on co-textual analysis" and "The relationship between nature, nature, and industry based on Islamic wisdom" with the presence

of Dr. Mohammad Hadi Amin Naji, professor at Payam Noor University and vice president of the Iranian Nahj al-Balagha Studies Scientific Association, Dr. Alireza Tabibi, associate professor at Arak University, Dr. Ali Hasannia, deputy research officer at the Faculty of Humanities at Shahed University, Dr. Mohammad Hassan Saneipour, associate professor at Kashan University, and Dr. Reza Rasouli Sharbiani, associate professor at Payam Noor University.

## ❖ Scientific webinar on Environmental education, linguistics and interdisciplinary studies - 6th National Conference of Environmental Education- 25 January 2023



The scientific webinar on environmental education, linguistics, and interdisciplinary studies with the themes of "Environmental Education and Applied Linguistics: Links and Applications", "Environmental Linguistics, a Reflection on Kinship Terms", and "Iranian Cognates from the Perspective of Environmental Linguistics" was held virtually and with the broad participation of interested parties. The webinar was attended by Dr. Bahman Zandi, Professor at Payam Noor University, Dr. Hossein Davari, Associate Professor at Damghan University, Dr. Forough Kazemi, Associate Professor at Islamic Azad University, and Dr. Majid Tameh, Assistant Professor at the Academy of Persian Language and Literature.

## ❖ Scientific webinar on Environmental education, linguistics and interdisciplinary studies - 6th National Conference of Environmental Education - 25 January 2023



Conservation Office.

The scientific webinar on environmental education and challenges of rural areas in Iran was held virtually with the participation of the Iranian Society of Geography and Rural Planning, with the themes of "Integrated Analysis of Environmental Issues in Rural Areas of Iran", "Adaptation to Climate Change in Rural Areas", "Challenges of International Cooperation in the Field of Environment with Emphasis on the Dust Phenomenon", and "Challenges of Water and Soil Resources in the Country's Watersheds" in the presence of Dr. Mostafa Taleshi, Professor at Payam Noor University and President of the Iranian Society of Geography and Rural Planning, Dr. Farhad Azizpour, Associate Professor at Kharazmi University, Dr. Asghar Tahmasebi, Associate Professor at Kashan University, Dr. Hossein Rabiei, Associate Professor at Kharazmi University, and Dr. Houshang Jezzi, Director General of the Watershed Management and Soil

\* Scientific webinar on Environmental education, urban development and urban

## planning - 6th National Conference of Environmental Education- 25 January 2023



scientific webinar environmental The on development and urban planning, with the themes of "Environmental Education, Urban Waste Planning and Management", "Environment and Green Educational Centers", "Environment, Citizen and Local Participation", "Environmental Community and Challenges, Architecture and Urban Design", was held virtually and with the broad participation of interested parties, with the presence of Dr. Seyed Mehdi Musa Kazemi, Associate Professor at Payam Noor University, Dr. Heydar Jahanbakhsh, Associate Professor at Payam Noor University, Dr. Esmaeil Ali Akbari, Professor at Payam Noor University, and Dr. Esmaeil Zarghami, Professor at Shahid Rajaee University of Administrative Education.

## ❖ Scientific webinar on Environmental education and comparative studies- 6th National Conference of Environmental Education- 25 January 2023



The scientific webinar on environmental education and comparative studies was held virtually with the participation of the Association for Comparative Studies in Education and with the themes of "International Experiences in Adult Environmental Education", "International Experiences in Environmental Education" and "International Experiences in Children's Environmental Education" with the presence of Dr. Abbas Madandar Arani, Assistant Professor at Lorestan University, Dr. Morteza Ghobadi, Assistant Professor at Lorestan University, and Dr. Afsaneh Abdoli, Assistant Professor at Lorestan University. The webinar was held virtually and with the broad participation of interested parties.

## ❖ Scientific webinar on Environmental education and renewable energies- 6th National Conference of Environmental Education- 25 January 2023



The scientific webinar on environmental education and renewable energies was held virtually with the participation of the Tehran Municipality's Department of Environment and Sustainable Development, with the themes of "The Role of Tehran Municipality in the Use of Renewable Energy", "Development and Maintenance of Small-Scale Solar Power Plants", "Application of Types of Renewable Energy in Urban Areas", "Development and Maintenance of Solar Water Heaters", and "Pathology of Laws in the Fields of Renewable Energy" in the presence of Dr. Halia Sadat Hosseini, Director General of Environment and Sustainable Development of Tehran Municipality, Dr. Zohreh Hessami, Head of the Energy Management Department of the Environment and

Sustainable Development Department of Tehran Municipality, Dr. Mojtaba Tahani, Assistant Professor at the University of Tehran, Eng. Seyed Hamed Daryabari, Managing Director of Kaminzad Yadak Company, Eng. Shahriar Jalali, Advisor to the Presidency of the Renewable Energy and Electricity Efficiency Organization, and Eng. Mehdi Torabi, Managing Director of Green Energy Technologists Company.

## ❖ Scientific-Specialized Meeting: The Right to the Environment and Sustainable Development in the Scope of Human Rights and the Protection of People's Rights





This meeting, entitled "The Right to the Environment and Sustainable Development in the Scope of Human Rights

and the Protection of People's Rights," was held on 4 March 2024 at the Human Rights Headquarters of the Judiciary, with the participation of representatives from various agencies such as the Research Center of the Parliament, the Ministry of Interior, the Attorney General's Office, the Deputy for Human and International Rights of the Ministry of Justice, the Environmental Protection Organization, the Tehran Municipality, the Coordination Council of the Network of Environmental and Natural Resources NGOs, etc., in person and with simultaneous online coverage. In addition to discussing and exchanging views on related topics, executive solutions were discussed, and it was decided to form working groups in each agency to follow up.

## ❖ Scientific Meeting on Environmental Linguistics- 7th National Conference of Environmental Education- 5 March 2024



The scientific conference on environmental linguistics was held with the themes of language and environment: A look at the functions of environmental linguistics, environmental identity in Iranian society from the perspective of environmental linguistics, and land and language: A linguistic look at environmental advertising, with the participation of researchers from the Iranian Broadcasting Corporation Research Center, linguistics professors from Payam Noor University, and several other universities. At the end of the conference, a question and answer session was held.

❖ Scientific Meeting on challenges, opportunities and lived experiences in improving HSE - 7th National Conference of Environmental Education- 5 March 2024



The scientific meeting on challenges, opportunities and lived experiences in improving HSE with the axes of environmental opportunities and challenges in office buildings of large organizations, implementation and establishment of a digital operator checklist system for higher safety of mining equipment, effective educational measures in improving the quality of HSE of contracting companies in petrochemical projects, the impact of water resources management training on sustainable development, noise pollution in airports and its effects on the environment, and the role of office furniture and pavilion standardization in increasing efficiency and improving performance in shift jobs was held with the presence of the Deputy CEO for Aviation and Airport Affairs of Payam International Airport, the Head of the Green Management Group of the National Bank of Iran, the Head of Safety of the Goharzamin Mining and Industrial Company, an

environmental expert of the 12th Refinery of the South Pars Gas Complex, and an HSE instructor by the UNESCO Chair in Environmental Education. At the end of the meeting, a question and answer session was held with the presence of PhD students specializing in environmental education at Payam Noor University.

❖ Scientific Meeting on the voice of the earth through the language of religion - 7th National Conference of Environmental Education - 5 March 2024



The scientific conference "The Voice of the Earth through the Language of Religion" was held by the UNESCO Chair in Environmental Education with specialized themes of environmental jurisprudence, the importance of theological perspective in environmental education and preservation, and listening to the Earth: producing a podcast with the aim of spreading environmental culture. The conference was attended by the head of the Environmental Jurisprudence Research Desk at the Higher Institute of Islamic Jurisprudence and Sciences, as well as the author of the book "Seoul Marathon" and the secretary of the chair's working group.

❖ Scientific Meeting on the role of indigenous knowledge and education of local communities in facing climate change- 7th National Conference of Environmental Education- 5 March 2024



The scientific meeting on the role of indigenous knowledge and education of local communities in facing climate change was held with the themes of the role of indigenous knowledge in increasing the adaptation and resilience of local communities in facing climate change, the resistance of indigenous seeds in confronting the effects of climate change, indigenous water management in wetlands and aquifers of Fereydounkenar, and the opportunities and challenges of nomadic tourism (climate resilience) with the participation of researchers in the field of indigenous knowledge and climate change, the CEO of the Garmsar Plain Sustainable Development Organization, the CEO of the Keshavarz-Nanoa Production Group and the Chairman of the Board of Directors of the Khohan Daneh Khorasan Company, the Chairman of the Climate Change and Carbon Management Working Group of the UNESCO Chair in Environmental Education, the CEO of the Barg Sabz Cooperative and the Healthy Rice Production Project

(among the top 50 projects of the 2021 Ecuador International Prize), and the Tourism Director of the Qashqai Tribe Nomadic Foundation of the Hibatlu Tribe, who presented a successful model of nomadic tourism to the World Tourism Organization in 2016.

❖ Scientific Meeting on government, local managers, land use change and the future of the rural environment - 7th National Conference of Environmental Education-5 March 2024



A scientific meeting on government, local managers, land use change and the future of the rural environment was held by the UNESCO Chair in Environmental Education, with the presence of the President of the Iranian Society of Geography and Rural Planning and professors from Kharazmi University and Payam Noor.

**❖** Scientific Meeting on Environmental Education, Musts and Requirements- 7th National Conference of Environmental Education- 5 March 2024



The scientific meeting on environmental education, needs and requirements with the axes of higher environmental education in Iran, opportunities and challenges, utilizing capabilities in practical education, the importance of environmental education for children, of environmental education in responsibility, citizenship and corporate sustainability, was held by the Head of the Department of Empowerment and Environmental Partnerships of the General Department of Environment and Sustainable Development of Tehran Municipality, in the presence of the Deputy Director for Strategy and Coordination of the General Department of Environment and Sustainable Development of Tehran Municipality, a member of the Supreme Council for Environmental Protection of Iran, a member of the board of directors of the Iranian Environmental Assessment Scientific Association and the President of the Earth Reconciliation Association, and members of the faculty of the Environmental Sciences Research Institute of Shahid Beheshti

University by the UNESCO Chair in Environmental Education.

❖ Scientific meeting on realizing green tourism through the path of social and environmental responsibility of tourists- National Conference of Environmental Education- 5 March 2024



The scientific meeting on realizing green tourism through the social and environmental responsibility of tourists was held with the participation of the head of the Social Responsibility Working Group of the UNESCO Chair in Environmental Education, Dr. Saeedeh Karimi, and Dr. Sayyad Sheikhi, a PhD in biodiversity and a master's degree in geography and tourism planning.

# ii) Exhibition

# ❖ 7th specialized exhibition of environmental education- 24 and 25 January 2023

During the 6nd national conference of Environmental Education, 7th specialized exhibition of environmental education was organized by Environmental Education Chair during the two days in 15 stalls regarding the latest achievements of some governmental and non-governmental institutions.

# iii) Other conferences/organizational activities undertaken by the chair holder

The Civil Rights Conference was held with the participation and cooperation of this chair in October 2024, with a focus on the environment, at the central organization of Payam Noor University.

# iv) A selection of conference presentations by the Chair holder and other colleagues

- Quantitative analysis of environmental literacy components among citizens of Mashhad city by M.Rezaei, S.M.Shobeiri, Pariya Dori, The Fifth National Conference on Environmental Education, 2022, Tehran, Iran.
- Content analysis of fifth grade textbooks based on the level of attention paid to water literacy components by Seyed Mohammad Shabiri, Mahdieh Rezaei, Zakieh Yazdani, The First National Conference, Psychology, Educational Sciences and Counseling, 2023.
- The effect of flipped classroom teaching on energy knowledge of fourth grade elementary school students by Mahdieh Rezaei, Marjan Masoumifard, Seyedeh Zahra Shamsi, The Sixth National Conference on Environmental Education, 2023.
- Identifying and prioritizing key stakeholders for the Gwatar International Wetland Conservation Program on the Makran Coast, 6th National Conference on Environmental Education by Samaneh Dalir Bostansaraei, Mahdieh Rezaei, The Sixth National Conference on Environmental Education, 2023.
- Comparison of the Effect of Traditional and Flipped Classroom Instruction on Students' Energy Literacy by Seyedeh Zahra Shamsi, Mahdieh Rezaei, The 12th World Environmental Education, Congress(WEEC), 2023.
  - Studying important factors and their impact on Iranian higher education tourism by Sirous Mansouri, Mahdieh Rezaei, Davoud Ramezani, The 6th Annual International Congress on Agricultural Development, Natural Resources, Environment and Tourism of Iran, 2023.
- Identifying Factors Affecting Iranian Higher Education Tourism; A Path to Ensuring Academic Quality: A Systematic Study by Sirous Mansouri, Mahdieh Rezaei, Davoud Ramezani, 16th International Conference on Quality Assessment and Assurance in University Systems, 2023.
- The role of environmental knowledge and education in the Water Vow Project in increasing public participation in the endowment and development of sustainable water in the water crisis of 1401 Hamedan by Hassan Shiva, Mahdieh Rezaei, Nayreh Shahmohammadi, The 7th National Conference on Environmental Education, 2024.
- The effect of performing a play on elementary school students' knowledge and attitudes towards the Caspian seal by Zeinab Fathi Iraqi, Mahdieh Rezaei, Seyyed Mohammad Shobeiri, 7th Annual International Congress on Agricultural Development, Natural Resources, Environment and Tourism of Iran, Tabriz, 2024.
- Evaluation of the Effectiveness of Green Management Training Courses on the Staffs of the University of Zanjan by Mahdieh Rezaei ,Seyed Mohammad Shobeiri, Nasrin Meskar,

UNESCO Chair o	on Environmental Education – Payame Noor University – Islamic Republic of Iran
3th International	Conference on Green University, 2022.
c) Interuniversity Excl	hanges/Partnerships
(principal exchanges/p	partnerships between the Chair and other institutions including UNESCO
Chairs/UNITWIN Netwo	orks)
d) Publications/Multin	nedia Materials
(major publications and	l teaching/learning materials)
	☑ Books
	☑ Books (edited)
	☐ Books (chapters)
	□ Monographs
Dlagge tick relevant fields	☑ Research Reports
Please tick relevant fields	☑ Journal Articles (refereed)
of output and indicate the	☑ Conference Proceedings
volume of output:	☑ Occasional Papers
	☑ Teaching/Learning Materials
	☑ Multimedia Materials (CD-ROM)
	☑ Multimedia Materials (Video)
	Multimedia Materials (Other)

Give details of major publications and materials including full citations.

## i) Theses

## **Subjects of Ph.D. theses:**

- Designing and validating a sustainability education model with an emphasis on the symbols of primary school math lessons (Seyedeh Zahra Shamsi)
- Design and validation of a model for attracting public participation in developing environmental literacy among citizens of Mashhad city (Pariya Dorri)
- Design and validation of an integrated environmental education curriculum model for medical students (Masoud Saeidi)
- Designing and presenting a circular economy model using the 3C method with an environmental education approach (case study of a selected industrial group) (Nazli Ahangar Partovi)
- Designing and validating an educational model for promoting environmental literacy in the Iranian higher education system based on comparative analysis with selected and leading countries (shouko Nouzari)
- Design and validation of an e-learning model in environmental citizenship education (Fatemeh Effati)
- Design and validation of a model for improving health, safety and environmental (HSE) risk literacy in the oil, gas and petrochemical industries (Ahmad Yari)
- Developing a model of optimal strategies for educating adolescents against environmental disasters with the approach of increasing community resilience (Seyed Milad Ramin Azad)
- Designing an Environmental Education Model in Green Mining (Hossin Fakhraei)
- Design and validation of a sociological model for promoting the environmental culture of society in order to reduce and control air pollution (Zahra Hemmati)
- Design and validation of a blended learning model for key stakeholders in the Sistan and Baluchestan International Wetlands Program (CEPA)(Samaneh Dalir)

#### **Subjects of M.A. theses:**

• The relationship between waste management literacy and employees' green performance with the mediating role of environmental sensitivity and the moderating role of gender (case study:

Tehran Region 2 Municipality) (Tina Akhavan)

- Analysis of the content of sustainable agriculture concepts in the curriculum of the first and second courses of high School (Fatemeh Golgiri)
- Relationship between the willingness to participate in the protection and development of green space with the feeling of belonging to the place with the mediating role of environmental literacy (Case study: The green space of Jamkaran Mosque) (Zahra Sadehkho)
- Educational feasibility of converting normal public schools to green schools in Karaj (Mahbobe Rasoli)
- Meta-analysis of the studies conducted in the field of the role of education in the country's water consumption management in the ten-year period of 2011-2021 (Khadijeh Rafiei)
- Pathology of factors of urban management failure in institutionalizing the culture of waste segregation at the source of production (Case study: District 18 of Tehran Municipality) (Mohammd Mehdi Faghani)
- The role of environmental education in predicting the environmental citizenship behavior of citizens of region one of Zanjan city with the mediating role of cultural capital (Azam Moslemi)
- Modeling the effects of the Covid-19 pandemic on the environment, health and professional performance of employees with the mediating role of education (Case study: Deputy of Health Affairs of Kermanshah University of Medical Sciences) (Arsalan Shirzadi)
- Pathology of education related to hospital waste management in staff of health and treatment centers of Baharestan based on the three-pronged model (Solmaz Fafavi)
- The role of social networks in predicting environmental citizenship by modulating information literacy during the Covid-19 virus epidemic (Case study: Citizens of District 18 of Tehran) (Leila Azartimor)
- The Role of Environmental Education through Instagram Social Network in Predicting Responsibility and Citizenship Ethics with the Mediating Role of Social Capital (Case Study: Citizens of District 14 of Tehran) (Arefe Vaali)
- Content analysis of fifth grade textbooks based on the level of attention paid to water literacy components (Zakeih Yazdani)
- The role of environmental education using a blended method on health-oriented environmental literacy of second-year elementary school students during the COVID-19 pandemic (Zahra Ghiasi Monfared)

#### ii) Publications:

## Books:

#### **Author:**

**Health, Safety and Environment,** Publication of Payam Noor University, 2024. (In Persian)

### **Translator:**

Conceptualizing Environmental Citizenship for 21st Century Education, Publication of Payam Noor University, 2023. (In Persian)

#### **Editor:**

#### • Articles:

Dalirboostansarai, S. Rezaee. M, Larijani, M. Shobeiri S.M, (2024). Design and Validate the Blended Learning Model of Educational Organizations Along with the Goals of the

- CEPA Plan (Case Study: International Wetlands of Sistan and Baluchistan Province), Iranian Distance Education Journal, 6(1), 1-20
- Alizadeh Shooshtari, A. Shobeiri S.M, Rezaee. M, (2024). *Environmental Etiquette Education Model Validity from the Experts Point of View*, Journal of Environmental Education and Sustainable Development, 12(4), 101-119.
- Hemmati, Z. Shobeiri. S M. Rezaee. M, (2024). Qualitative study of Determinants of Environmental Culture, Quarterly Journal of Social Development, 18(4). 67-92. (In Persian)
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- Dalirboostansarai, S. Rezaee. M, Larijani, M. Shobeiri S.M, (2024). *Designing and validating the education model of executive organizations in the CEPA program based on blended learning*, Journal of Teaching in Marine Sciences, 11(38), 81-94. (In Persian)
- Ranjbarzade, A. Shobeiri. S M. Rezaee. M, (2023). *Validation of the integrated model of environmental and health education during the COVID-19 pandemic*. NPWJM, 11 (39). 24-35. (In Persian)
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- Alizadeh Shooshtari, A. Shobeiri S.M, Rezaee. M, (2023). Qualitative Study of the Components of the Environmental Etiquette Education Model from The Perspective of the Iranian Islamic Model of Progress, Akhlāq-i zīstī i.e., Bioethics Journal, , 13(38), 1-24. (In Persian)
- Baroosan, A. Rezaee. M. Shobeiri S.M, (2023). *Identification and Prioritization of Educational Needs of PMO Employees for Ships' Ballast Water Management,* Journal of Teaching in Marine Sciences, 10(2), 149-163. (In Persian)
- Yari, A. Shobeiri S.M, Rezaee. M. Hamidieh, A. (2023). *Factors Affecting Health, Safety and Environmental Risk Literacy Promotion Model*, the International Journal of Learning Spaces Studies (IJLSS), 2(3), 52-63.
- Nowzari, SH. Shobeiri S.M, Rezaee. M. (2023). A Comparative Study of Components of Promoting Environmental Literacy in Selected Countries: Lessons for Iran, Iranian Journal of Comparative Education, 6(4), 2762-2782.
- Mojtahedi, M.S Tahmasebi, A. Shobeiri. M.S, Alavitabar, A.R. Zandi, B. (2023). *The Role of Key Stakeholders in Management of Urmia Lake Southern Satelite Wetlands*, Journal of Water and Development Sustainable, 9(4), 47-58. (In Persian)
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- Shobeiri, S.M. Rezaei, M. Milani, E. (2022). *Identifying and Prioritizing the Educational Needs of Payame Noor University Students to Achieve University Green Management During Covid-19 Pandemic*, Journal of Research in Environmental Health, 8(1). 91-102. (In Persian)
- Dori, P. Shobeiri, S.M. Rezaei, M. (2022). *Investigating urban environmental behaviors:* focusing on the environmental literacy (Case Study: Mashhad city), Motaleat Shahri, 11(42), 75-86. (In Persian)
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#### Multimedia Videos

#### • Obtaining a license for e-publishing activities of the Chair

The UNESCO Chair in Environmental Education's electronic publications began operations in 2019, with the necessary permits. Currently, 7 volumes of books have been published, and several books are in the review and editing stages. The license for this publication was extended in 2023 for another five-year period.

#### e) Cooperation with UNESCO Headquarters, Field Offices

- Presence of the Secretary-General of the Iranian National Commission for UNESCO as the main lecturer at the 5th National Conference on Environmental Education (held by the Chair).
- Presence of the Head of the Education Department of the Iranian National Commission for UNESCO at the specialized panel on Education and Sustainable Development during the 5th National Conference of Environmental Education (held by the Chair).
- Presence of the Secretary-General of the Iranian National Commission for UNESCO as the main lecturer at the 6th National Conference on Environmental Education (held by the Chair).
- Presence of the Head of the Education Department of the Iranian National Commission for

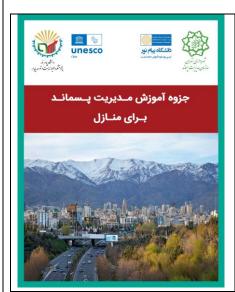
UNESCO Chair on Environmental Education – Payame Noor University – Islamic Republic of Iran
UNESCO at the specialized panel on Education and Sustainable Development during the 6th National Conference of Environmental Education (held by the Chair).  • Presence of the Head of the Education Department of the Iranian National Commission for
UNESCO at the specialized panel on Education and Sustainable Development during the 7th National Conference of Environmental Education (held by the Chair).
f) Other
(any other activities to report)

### **Project:**

❖ Developing a Comprehensive Training and Participation System in the Field of Waste Management and Providing Citizenship Training in the Tehran Metropolis



Within the framework of the contract between the Institute of Environment and Sustainable Development of Payame Noor University (PNU) and the Waste Management Organization of Tehran Municipality, this chair has compiled 13 educational booklets for different target groups, including production units, hotels, accommodation centers, food retail centers; recreation and tourism centers, health and medical centers, educational and administrative centers, children, service activities, wholesalers, other retail centers; restaurants and delis, automotive, industrial and home services.



Waste Management Training for Households



Waste Management Training for Industrial and Automotive Services



Waste Management Training for Restaurants and Delis

#### UNESCO Chair on Environmental Education – Payame Noor University – Islamic Republic of Iran



Venues



Waste Management Training for Production Units

## Signing agreements with educational, research and executive institutions and organization

- Memorandum of Understanding between UNESCO Chair in Environmental Education and the Iranian Copper Association.
- Joint agreement between the UNESCO Chair on "Teachers as Lifelong Learners" and the UNESCO Chair on Environmental Education in Iran.
- Tri-party collaborative agreement between Payame Noor University (PNU), the Faculty of Environment of the University of Tehran, and Malek Ashtar Industrial University on Environmental Security, Climate Change, Sustainable Development, Management and Engineering of Events, and Health, Safety, and Environment (HSE).
- Mutual agreement between the UNESCO Chair on Environmental Education of PNU and Mashhad Municipality on the Reduction of Environmental Pollutants.
- Mutual agreement between the UNESCO Chair on Environmental Education of PNU and the Abadgaran Sustainable Life Association of Asre Andishe.
- Mutual agreement between the UNESCO Chair on Environmental Education of PNU and the Waste Management Organization of Baharestan and Robat Karim Municipality on Environmental Education.
- Mutual agreement between the UNESCO Chair on Environmental Education of PNU and the Makrazi Provincial Government on Environmental Education.
- Mutual agreement between the UNESCO Chair on Environmental Education of PNU and the Mehregan Parto Project Institution on Environmental Education.
- Mutual agreement between the UNESCO Chair on Environmental Education of PNU and the Curriculum and Textbooks Development Office on Environmental Education.
- Mutual agreement between the UNESCO Chair on Environmental Education of PNU and Arak Municipality on Environmental Education.
- Mutual agreement between the UNESCO Chair on Environmental Education of PNU and the Energy Institute of Higher Education on Environmental Education.
- Mutual agreement between the UNESCO Chair on Environmental Education of PNU and the

- Payvaran Institute for Development of Science and Technology for Educational, Research, and Executive Cooperation in the Field of Environment.
- Mutual Agreement on Scientific and Educational Cooperation between the UNESCO Chair on Environmental Education of PNU and the General Directorate of Environmental Protection of Tehran Province.
- Cooperation Agreement between the UNESCO Chair on Environmental Education of PNU and the Iranian Scientific Association for Rural Planning and Development.

## 3. Future Plans and Development Prospects:

Outline of an action plan for the next biennium and short/medium and long-term development prospects. Please do not hesitate to refer to difficulties that the Chair has experienced (Not exceeding 300 words)

Future plans	Activity	No
<ul> <li>Developing waste management regulations for various cities in the country, such as the city of Arak (2025).</li> <li>Carrying out a project to determine local indicators of citizen participation in urban services in Mashhad Municipality and providing a local model for achieving these indicators (2025-2026).</li> <li>Developing comprehensive regulations to attract participation in the social acceptance of energy consumption rationing in the domestic and non-domestic sectors for the citizens of Tehran, and later other provinces, in cooperation with the Ministry of Energy (2025-2027).</li> <li>Developing environmental education packages for autistic children in Iran (2027-2029).</li> </ul>	Research and Knowledge Production	1
- Compiling and translating educational books and booklets for different target groups (2025-2029).  - Using the Chair Department's digital publishing capacity to print educational books and booklets (2025-2029).  - Continuing cooperation with the university's scientific quarterly journal, <i>Environmental Education and Sustainable Development</i> (2025-2029).  - Completing the Environmental Education Encyclopedia project (2025-2028).  - Compiling the Environmental Education Encyclopedia (2026-2028).  - Designing gamification-based applications for environmental education (2025-2029).	Publications	2
<ul> <li>Expanding the Chair's activities on social networks such as LinkedIn, Instagram, WhatsApp, Telegram, etc. (2025-2026).</li> <li>Launching the National Environmental E-Learning Hub as a website (2025-2029).</li> </ul>	Websites and Social Media	3
<ul> <li>Holding training courses related to environmental education and sustainable development for various target groups, in person, electronically, and in blended formats in Iran (2025-2029).</li> <li>Conducting environmental citizenship training for different target groups, including citizens of 22 districts of Tehran (2025-2027) and the Arak metropolis (2025).</li> <li>Scientific cooperation with other Iranian universities to train</li> </ul>	Teaching and Lecturing	4

# UNESCO Chair on Environmental Education – Payame Noor University – Islamic Republic of Iran

postgraduate students (2026-2029).		
- Delivering lectures by the Chairperson and members of the Chair at various scientific meetings in universities and related institutions (2025-2029).		
- Continuing green management courses at Payam Noor University and other universities in the country for faculty members and administrative staff (2025-2027).  - Holding green service courses for university service personnel and other applicant organizations (2025-2028).  - Collaborating with PNU to activate the university's Green Management Strategic Headquarters (2025-2026).	Training and Institutional Capacity Development	5
<ul> <li>Sending doctoral students for study opportunities at universities inside and outside the country (2025-2029).</li> <li>Defining study opportunities and attracting foreign doctoral and postdoctoral students in cooperation with the university's International Education Center (2025-2029).</li> <li>Obtaining permits and attracting international students in fields related to environmental education (2025-2029).</li> </ul>	Student Mobility and Exchanges	6
- Obtaining study opportunities for Chair faculty members from universities abroad (2026-2029).  - Sending faculty members for industry and community study opportunities within the country (2025-2029).  - Attracting faculty members from universities abroad for collaboration through the university's International Center (2026-2029).	Visiting Professorships/Fell owships	7
<ul> <li>Holding national conferences and annual festivals on environmental education.</li> <li>Organizing an international conference on environmental education.</li> <li>Hosting an annual 3-minute presentation competition for theses and dissertations related to environmental education.</li> <li>Launching a national start-up initiative in the field of environment.</li> <li>Running environmental campaigns, such as the cigarette filter collection campaign in Tehran, followed by expansion to the national level.</li> </ul>	Conferences and Events	8
- Organizing various webinars and seminars on environmental topics at the national level (2025-2029).  - Hosting a webinar on "Children and the Environment" (2025).  - Hosting a webinar on "Autistic Children and Environmental Education" (2026).  - Conducting a webinar on "HSE in Petrochemical Industries" (2025).	Seminars and Webinars	9
- Establishing a National Environmental Education Hub in cooperation with ministries, universities, and various institutions (2025-2029).	Networking and Partnerships	10
<ul> <li>Defining a mega-project on public participation modeling by forming a network of ten major universities in Tehran (2025-2029).</li> <li>Organizing joint programs with other universities, such as conferences, festivals, and events (2025-2029).</li> </ul>	Inter-University Cooperation	11

UNESCO Chair on Environmental Education – Payame Noor University -	- Islamic Republic of Ira	an	
	Other	12	

# Appendix

## 1) Human Resources:

The colleagues of the Chair include faculty members, academics, Ph.D. and M.A. postgraduate and graduate students, employees from private organizations, and members of NGOs. They conduct their primary research and administrative activities in connection with the Chair, focusing on environmental education in the following subgroups:

- Economics and Environment
- Health, Safety, Environment, and Energy (HSEE)
- Environmental Toys and Games
- Content Analysis
- Climate Change and Carbon Management
- Collaborative Conservation of the Environment
- Women and the Environment
- Water Management
- Waste Management
- Green Management
- Energy Management
- Social Responsibility
- Sustainable Agriculture
- Tourism, Environment, and Ecotourism
- Crisis Management
- International Communications
- Startup Team and Creative Ideas

#### 2) Financial Resources:

		Amount (USD)
	☑ Host Institution	\$250,000
	☐ Partner Institution	-
	☑ Government Body	-
Please tick sources of	☐ Other Public Institution/Body	
financial contribution and	(incl. Research Councils)	-
specify the amount in U.S.	□ UNESCO	-
dollars.	☐ Other UN Agency	-
	□ IGO	\$675
	☑ NGO	\$740
	✓ Industry	-
	☐ Other Private	

Give details of financial contributions, material resources and space.

## • Funding provided by University:

- Two offices of 20 square meters and 12 square meters, as well as an office and a conference hall of 45 square meters, have been allocated to the UNESCO Chair in Environmental Education at an approximate cost of 50,000,000,000 Rials (US\$73,350).
- All facilities, equipment, and vehicles have been provided by Payame Noor University at a cost of 60,000,000,000 Rials (US\$88,235).
- An average annual budget of 15,000,000,000 Rials per year (US\$22,059) has been allocated to the running costs of the UNESCO Chair by Payame Noor University.

#### **Funding by Industery:**

UNESCO Chair on Environmental Education – Payame Noor University – Islamic Republic of Iran
- Received a grant of 500,000,000 Rials (US\$740) to hold the 8th National Conference on Environmental Education.
Funding by NGOs:
- Received a grant of 250,000,000 Rials (US\$375) to hold the 5th National Conference on Environmental Education.
- Received a grant of 200,000,000 Rials (US\$300) to hold the 6th National Conference on Environmental
Education.

