

## THE ROLE OF ECOLOGICAL EDUCATION IN THE FORMATION AND DEVELOPMENT OF ECOLOGICAL CULTURE

Ismailova Gulbakhor

Kokand State Pedagogical Institute,

Doctor of Philosophy in Pedagogical Sciences (PhD)

### ABSTRACT

In this article, the role of environmental education in the formation and development of ecological culture, the main concepts and goals of environmental education, its importance in raising environmental awareness and developing responsible and ethical participation, in addition, in this article, the strategies of environmental education in schools, methods and integration, as well as the impact of non-formal and informal education on the formation of environmental values.

**Keywords.** Interactive, ecological, strategy, resources, methods, integration, innovative.

### INTRODUCTION

Ecological education plays a pivotal role in shaping individuals' understanding, attitudes, and behaviors towards the environment. In an era of increasing environmental concerns and challenges, it is crucial to cultivate ecological culture – a deep-rooted respect and appreciation for the natural world – to ensure a sustainable future.

Ecological education is like the ultimate crash course in how to be a responsible inhabitant of Planet Earth. It's all about learning and understanding the delicate balance between humans and the environment. Think of it as our guidebook for sustainable living, helping us navigate the complex web of ecological systems and find ways to protect and preserve our natural resources [1].

Ecological culture is like our eco-lifestyle, but on steroids. It's about embracing a set of values and practices that prioritize environmental stewardship and sustainability. It's not just about recycling and using reusable bags (although those things are important too!). It's a way of living that recognizes the interconnectedness of all living things and seeks harmony between human activities and the natural world.

The Fundamental Principles of Ecological Education. At the heart of ecological education are a few key principles: holistic thinking, systems understanding, and experiential learning. It goes beyond traditional classroom teaching and encourages a hands-on approach to learning about the environment. It teaches us to understand that everything is connected and that our actions have consequences.

The main objective of ecological education is to equip individuals with the knowledge, skills, and attitudes needed to become responsible stewards of the environment. It aims to foster a sense of environmental responsibility and empower individuals to make sustainable choices in their everyday lives. Ultimately, the goal is to create a society that values and protects the natural world.

Ecological education plays a crucial role in raising awareness about pressing environmental issues. It helps us understand the gravity of problems like climate change, deforestation, and

pollution. By shining a light on these issues, ecological education empowers individuals to take action and make a positive impact [2].

**Understanding the Interconnectedness of Environment and Society.** Ecological education also teaches us that we are not separate from the environment but rather a part of it. It helps us see the intricate web of relationships between humans, animals, plants, and the natural world. By understanding this interconnectedness, we can make more informed decisions that consider the long-term effects on both society and the environment.

**Sustainable development** is all about meeting the needs of the present without compromising the ability of future generations to meet their own needs. Ecological education plays a vital role in promoting sustainable development by equipping individuals with the knowledge and skills to create positive change. It encourages us to think long-term, embrace innovation, and find ways to balance economic growth with environmental preservation.

Ecological education goes beyond just knowledge; it also fosters responsible behaviors and ethical decision-making. By understanding the impact of our actions on the environment, we can make choices that align with our values and have a positive impact. Whether it's conserving energy, reducing waste, or supporting sustainable practices, ecological education helps us become more conscious consumers and responsible citizens. Introducing ecological education into school curricula is crucial for fostering environmental awareness and responsibility in future generations. By integrating ecological education into various subjects, such as science, geography, and even literature, students can develop a holistic understanding of ecological principles and their application in real-world scenarios. This integration ensures that ecological education is not treated as a separate topic but becomes an integral part of students' overall learning experience [3].

**Effective Strategies and Methods for Teaching Ecological Education.** Teaching ecological education requires innovative and engaging strategies to capture students' attention and inspire a genuine interest in the environment. Hands-on activities, field trips, and experiments can provide practical experiences that deepen students' understanding of ecological concepts. Interactive discussions, debates, and projects encourage critical thinking and problem-solving skills while fostering a sense of personal responsibility towards the environment. By employing diverse teaching methods, educators can make ecological education enjoyable and impactful for students of all ages.

**Non-formal education** plays a vital role in complementing formal schooling by offering alternative learning opportunities outside the traditional classroom setting. Environmental organizations, nature centers, and community workshops provide platforms for hands-on learning, ecological conservation projects, and environmental advocacy initiatives. These non-formal educational approaches empower individuals to take action and contribute to building a sustainable ecological culture by fostering a sense of ownership and personal connection to the environment.

Efforts to enhance ecological education must be supported by comprehensive policies and frameworks that prioritize environmental literacy. Governments and educational institutions

should develop curriculum guidelines and standards that integrate ecological education across all levels of education.

Adequate resources, both financial and material, are necessary for the successful implementation of ecological education initiatives. Governments, NGOs, and educational institutions should allocate sufficient funding and invest in infrastructure, teaching materials, and technology to support ecological education efforts. Additionally, partnerships with environmental organizations, businesses, and community stakeholders can provide valuable resources and expertise to enrich ecological education programs [4].

Collaboration between various stakeholders, including educators, policymakers, environmental organizations, and community members, is crucial for the success of ecological education initiatives. By working together, these stakeholders can pool their knowledge, resources, and networks to create comprehensive and impactful ecological education programs. Furthermore, stakeholder engagement ensures that ecological education initiatives are relevant to local contexts and address specific environmental challenges faced by communities. Ecological education plays a vital role in empowering individuals and communities to become active participants in environmental conservation and sustainable practices. By integrating ecological education into school curricula, utilizing non-formal and informal education approaches, and addressing challenges through collaborative efforts, we can create a society that values and protects the natural world. Through ecological education, we can inspire individuals to make informed decisions, adopt sustainable lifestyles, and contribute to the preservation of the planet for future generations.

In conclusion, ecological education is a powerful tool for creating a more sustainable and environmentally conscious society. It helps us develop an ecological culture that values and protects our natural resources. By raising awareness, fostering responsible behaviors, and promoting sustainable development, ecological education empowers individuals to be active participants in shaping a greener future. So let's embrace the power of ecological education and become the change-makers our planet needs. Environmental education serves as a powerful tool in fostering environmental culture and ensuring a sustainable future. By raising environmental awareness, promoting responsible behavior, and integrating environmental education into a variety of educational settings, we can empower individuals and communities to become active stewards of the environment. However, it is essential to ensure adequate resources and cooperation to effectively implement environmental education initiatives. By investing in environmental education and embracing its transformative potential, we can work together to live in harmony with nature and build a more stable and sustainable world for future generations.

## REFERENCES

1. Abduganiev O.I., Abdurakhmanov G. Z. Ecological education for the purposes sustainable development //Am. J. Soc. sci. Educ. innovation. - 2020. - V.2. – S. 280-284.
2. Ismoilova G.A. Technology for organizing trips to historical sites outside the audience INTERNATIONAL JOURNAL ON ORANGE TECHNOLOGIES Volume: 03 Issue: 04 | April 2021 Pages: 229-233.



3. Jeronen E. Sustainable education // Encyclopedia of Sustainable Management. - Cham: Springer International Publishing, 2022. - pp. 1-10.
4. Ismoilova G.A. Preservation of nature is a nationwide issue. International journal of Social Sciences & Interdisciplinary Research., under Volume: 11 Issue: 04 in April-2022 Pages: 156-164
5. Ismoilova G.A. Ona tabiatimizni asrash – o‘zligimizni asrashdir. Issues of Social Sciences and Humanities International Scientific and Practical Conference April, 2022 Pages: 735-740
6. Erkaboeva, N. S., and M. U. Kurbanov. "Scientific Organization and Management of Pedagogical Team Activities." Spanish Journal of Innovation and Integrity 7 (2022): 103-107.
7. Erkaboeva, Nigora Shermatovna, and Mukhtorova Maftuna Bakhromovna. "A MODERN APPROACH TO THE FORMATION OF PROFESSIONAL COMPETENCE IN FUTURE DEFECTOLOGISTS." Galaxy International Interdisciplinary Research Journal 10.12 (2022): 1723-1725.
8. Erkaboyeva, N. Sh. "FEATURES OF MODERN UZBEK FAMILIES." Ученый XXI века 4-1 (2016): 36-39.
9. Эркабоева, Нигора Шерматовна. "ОСОБЕННОСТИ СОВРЕМЕННЫХ УЗБЕКСКИХ СЕМЕЙ." Ученый XXI века 4-1 (2016).
10. Erkaboeva, N., et al. "Pedagogical skills: in diagrams and pictures: Methodical manual." Tashkent: TDPU named after Nizami 14 (2012).
11. Эркабоева, Нигора, et al. "Педагогик маҳорат: схема ва расмларда." Т.:“Наврўз (2012).
12. Shermatovna, Erkabayeva Nigora, and Yakubjonova Maftunakhan Islamjon Kizi. "STAGES OF FORMATION AND DEVELOPMENT OF MEDIAMADANIYATIN." Galaxy International Interdisciplinary Research Journal 10.12 (2022): 272-274.
13. Fatima, Ibroximova, and Nigora Shermatovna Erkaboyeva. "WAYS TO FORM THE QUALIFICATIONS OF THE SPECIAL EDUCATION INSTITUTION IN THE PRIMARY SCHOOL STUDENTS OF SOCIAL STANDARDS." Galaxy International Interdisciplinary Research Journal 11.2 (2023): 529-531.
14. Erkaboyeva, Nigora Shermatovna, and Odinoxon Elbek Qizi Elmurodova. "YOSHLARNI YANGI O‘ZBEKISTON SHAROITIDA IJTIMOYIY FAOLLIGINI OSHIRISH ZAMONAVIY PEDAGOGIKA VA PSIXOLOGIYANING DOLZARB MUAMMOSI SIFATIDA." Academic research in educational sciences 5.NUU conference 3 (2023): 218-222.
15. Salieva, D. A. "Psychological peculiarities of the influence of motivation on the learning independence of the student of young school." *EPRA International Journal of Economic Growth and Environmental Issues* 8.3 (2020): 87-90.
16. Sadikovna, Rakhimova Khurshidakhon. "THE CONTENT OF PREPARING CHILDREN WITH COCHLEAR IMPLANTS FOR SCHOOL EDUCATION THROUGH CORRECTIVE-PEDAGOGICAL ACTIVITIES." (2023).
17. Abdullayevna, Salieva Dilorom, and Saipova Mehri Valievna. "Mental Characteristics of Experience Teenagers From Labor Immigrant Families Who Feel Lonely." *Journal of Positive School Psychology* 6.11 (2022): 423-427.

18. Sadikovna, Rakhimova Khurshidakhon. "CHILDREN WITH HEARING PROBLEMS NEW ATTITUDES TO EDUCATION." *Galaxy International Interdisciplinary Research Journal* 11.11 (2023): 904-907.
19. Feruza, Teshabaeva, Mahmudova Madina, and Yuldasheva Dilbar. "The essence of inclusive education in developed countries." *European Journal of Research and Reflection in Educational Sciences* Vol 8.1 (2020).
20. Rakhimovna, Teshaboeva Feruza. "Teaching subjects in higher education on the basis of innovative technologies." *Science Promotion* 1.2 (2023): 98-104.
21. Teshaboeva, Feruza Raximovna. "Literacy education of speech impaired children as a pedagogical psychological problem." *Confrencea* 5.05 (2023): 299-302.
22. Feruza, Teshaboyeva. "INKLYUZIV TA'LIMNING O'ZBEKISTONDAGI RIVOJLANISHI." *QO 'QON UNIVERSITETI XABARNOMASI* (2023): 546-548.
23. Rahimovma, Teshaboeva Feruza, and Usmonjonova Saodatkhan Mirzakhmdamovna. "WAYS TO IMPROVE SPEECH ABILITIES OF CHILDREN WITH INTELLECTUAL DISABILITIES." (2023).
24. Rakhimovna, Teshaboeva Feruza, and Sadiqova Munavvarkhan. "PECULIARITIES OF THINKING OF CHILDREN WITH SPEECH DEFECTS." (2023).
25. Sodikovna, Rakhimova Khurshidahon. "Use Of Innovative Technologies In The Formation Of Speech Skills In Children With Hearing Disabilities." *Euro-Asia Conferences*. Vol. 1. No. 1. 2021.
26. Sadikovna, Rakhimova Khurshidahon. "Objectives and tasks of cochlear implantation." *ACADEMICIA: An International Multidisciplinary Research Journal* 12.4 (2022): 671-675.
27. Rakhimovna, Teshaboeva Feruza. "Teaching subjects in higher education on the basis of innovative technologies." *Science Promotion* 1.2 (2023): 98-104.
28. Teshaboeva, Feruza Raximovna. "Literacy education of speech impaired children as a pedagogical psychological problem." *Confrencea* 5.05 (2023): 299-302.
29. Sadikovna, Rakhimova Khurshidakhon, and Abdullayeva Halimakhan. "SPECIALIST AND FAMILY COLLABORATION IN ELIMINATING SEVERE SPEECH DEFECTS." *Galaxy International Interdisciplinary Research Journal* 11.11 (2023): 1066-1070.
30. Shahnigor, Rakhimova Khurshidakhon Sadikovna Khomidova. "FORMATION OF KNOWLEDGE, SKILLS AND COMPETENCES IN THE PROCESS OF TRAINING CHILDREN WITH HEARING DEFECTS TO WORK." *Confrencea* 3.03 (2023): 188-192.
31. Sadikovna, Rakhimova Khurshidakhon. "COCHLEAR IMPLANTATION: AN INNOVATION IN THE DEVELOPMENT OF TECHNOLOGY, MEDICINE, DEAF PEDAGOGY AND SPEECH THERAPY." *Open Access Repository* 4.2 (2023): 321-330.
32. Sadikovna, Rakhimova Khurshidakhon, and Rustamova Feruzabanu. "CONTRIBUTION OF CHARLES MIKHAIL EPE TO THE EDUCATION OF DEAF CHILDREN." *Galaxy International Interdisciplinary Research Journal* 11.3 (2023): 563-566.
33. O'ghiloy, Rakhimova Khurshidakhon Sadikovna Kurbanuva. "CHILDREN WITH LOCAL MOVEMENT DEFECTS." *Confrencea* 3.03 (2023): 226-230.
34. Raximova, Xurshidaxon. "NATIONAL AND FOREIGN ADVANCED TRENDS IN HIGHER EDUCATION EFFICIENCY IMPROVEMENT." *JOURNAL OF NORTHEASTERN UNIVERSITY* (2022).
35. Sadikovna, PhD Rakhimova Khurshidakhon, and Nabiyeva Umidakhan. "ORGANIZING SOCIAL WORK ACTIVITIES OF STUDENTS WITH HEARING PROBLEMS." (2023).