

Research projects of the Institute of Natural Science and Geography

International projects of the institute of natural science and geography

№	Full name of the head, academic title, position	Name of the project	Research group
1	Kaimuldinova Kulyash Duisenbaevna, d.g.s., professor	«Promoting Teacher Education for Climate Change Education through Collaboration between Asian Centres of Excellence on Education for Sustainable Development» (Okayama University, Japan)	1. Abdimanapov B.Sh. 2. Muzdybayeva K.K. 3. Shakirova N.D. 4. Aliaskarov D.T. 5. Amanbayeva M.B. 6. Zhumagulova K.A.

Projects of the Institute of natural science and geography, funded by the MSHE of the RK

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1.	Aliaskarov Duman Toktarovich, senior lecturer, PhD	IRN AP14870750 Creating a conceptual basis for effective models of sustainable development of small towns of Zhambyl region (2022-2024 yy.)	1. Kaimuldinova K.D. 2. Laiskhanov Sh.U. 3. Muzdybayeva K.K. 4. Ussenov N.E. 5. Raiymbekova I. 6. Iskakova R. 7. Bakanov N.G. 8. Salimzhanov N.O.
9.	Laiskhanov Shakhislam Uzakbaevich, PhD	IRN AR 09260017 «Studying the influence of soil salinity on the growth of corn in Otyrar district and developing a space-based method for predicting crop productivity» (2021-2023 yy.)	1. Myrzaly N.B. 2. Abikbayev E.R. 3. Askanbek A.A. 4. Smanov Zh.M. 5. Tulegenov E. 6. Poshanov M.
7.	Ussenov Nurbol Ergeshovich, Senior Lecturer, PhD	IRN AR 13067931 «Creating methodological bases for the use of digital geo-information technologies in the teaching of geography with updated content (on the example of upper classes» (2022-2024 yy.)	1. Laiskhanov Sh.U. 2. Aliaskarov D.T. 3. Myrzaly N.B. 4. Abikbayev E.R. 5. Issakov E.D. 6. Taukebayev O.Zh. 7. Kulmukhanova D.R.
1.	Shakirova Nurzhanat Dalelova, senior lecturer, PhD	IRN AR 14871476 "Implementation of sustainable development goals in training and retraining of geography teachers" (2022-2024 yy.)	1. Kaimuldinova K.D. 2. Abdimanapov B.Sh. 3. Muzdybaeva K.K. 4. Aliaskarov D.T. 5. Ussenov N.E. 6. Bakanov N.G.
7.	Maimataeva Assiya Duisengaliyevna, senior lecturer, PhD	IRN AR14872059 «Methodological basis of formation of functional scientific literacy of students in accordance with PISA studies»	1. Karbayeva Sh.Sh. 2. Zhumagulova K.A. 3. Mukataeva Zh.S. 4. Amanbayeva M.

		(2022-2024 yy.)	5. Horgasbai E. 6. Galymova N.
7.	Beikitova Albina Nurakhmyatovna, senior lecturer, master	IRN AR 15473403 Methodological foundations for the formation of cartographic competence of future teachers of geography (2022-2024 yy.)	Kaimuldinova K.D. Scientific consultant
8.	Seilkhan Ainur Seilkhankyzy, Senior Lecturer, PhD	IRN AR 19178093 Study of the mechanisms of introduction of the green university concept to Kazakhstan's higher educational institutions (2023-2025 жж.)	Karbayeva Sh.Sh. Scientific consultant
9.	Tileuberdi Yerbol, PhD., Associate Professor	IRN AR 19175900 Obtaining liquid fuels from combustible minerals and reusing waste from this process (2023-2025 жж.)	Frank Behrendt (Germany) Scientific consultant
10.	Bakytkarim Yrysgul	Preparation of sensor by electrochemical methods for the determination of pesticides	Mukataeva J., Tileuberdy E., Bektas J., Zhusupova L., Shadin N.
11.	Kaster Sarkytkan	IRN AR 19679663 «Interaction of interests in the current geopolitical space of Central Asia: Based on economic integration and national security factors».	Berdygulova G.E., Akhmetova A., Batyrkhan B., Erbolat E., Dunbayeva Z.

Projects of the Institute of natural science and geography, funded by the rector of Abai KazNPU

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1	Issakov E.	Organization of local studies activities by creating a structural model of formation of tourism-local studies competence of future geography teachers (Abai KazNPU, 2022 y.)	1. Laiskhanov Sh.U. 2. Ussenov N.E.
2	Khorgasbai Enlik, Senior lecturer, master	Methodological foundations in teaching geography trends in the development of agriculture in Kazakhstan (Abai KazNPU, 2022 y.)	
3	Khorgasbai Enlik, Senior lecturer, master	Scientific and methodological foundations for the professional orientation of students in the natural science profession (Abai KazNPU, 2023 y.)	
4	Amanbayeva M.B. Senior Lecturer, PhD	Metagenomics as a tool for identification and molecular genetic characterization of new	1. Anarkulova E.I. – PhD student

		potentially dangerous microorganisms and viruses (Abai KazNPU, 2021 y.)	2. Imangazy A.S. – PhD student
5	Amanbayeva M.B. Senior Lecturer, PhD	Methodological basis of integrating the results of fauna biodiversity research in the case of Ile-Balkash region into the educational process in the interest of sustainable development (Abai KazNPU, 2023 y.)	Maimataeva A.D.
6	Almesh D.	"Introduction to thermodynamics", "Kinetics", "chemical equilibrium" sections, methodological recommendations for studying specialized schools according to the updated content of education of the Republic of Kazakhstan. (Abai KazNPU, 2022 y.)	Suleymenova M.T.