

PERSONAL INFORMATION **Aitpaeva Zamzagul**



📍 Republic of Kazakhstan, Karaganda city, University str.,

☎ 23-41 📅

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📅 **Date of birth:** 02/07/1981 y.

PLACE OF WORK, POSITION KarU named after Academician E. A. Buketov, assistant professor

SCIENTIFIC DEGREE, SCIENTIFIC TITLE (ACADEMIC DEGREE)

WORK EXPERIENCE

Place and date

- 2002-2006 – Postgraduate student of the Institute of Organic Synthesis and Coal Chemistry
- 2006-2009 - KarU named after E.A. Buketova, Senior Lecturer of the Department of Engineering Thermal Physics named after Professor Zh.S. Akylbaeva
- 2009-2020 - KarU named after E.A. Buketova, Associate Professor of the Department of Engineering Thermal Physics named after Professor Zh.S. Akylbaeva
- From 2021 to the present – E.A. Buketova, Assistant Professor of the Department of Engineering Thermal Physics named after Professor Zh.S. Akylbaeva

EDUCATION AND PROFESSIONAL TRAINING

Education

- 1998-2002 – Karaganda State Technical University, Faculty of Geoecology. Specialty Applied Ecology. Qualification - Environmental Engineer
- 2005-2006 – Dissertation defense on the topic - 02.00.03 "Synthesis, structure, properties and biological activity of derivatives of bis (dithiocarbamates) of some primary diamines"
- 2006 – candidate of chemical sciences

Professional trainings, Scientific trips –

SKILLS DEVELOPMENT INFORMATION

PERSONNEL QUALITIES

- Certificate No. 387009 dated December 15, 2009 on advanced training on the topic "Nonlinear phenomena of heat and gas exchange" (E.A.Buketov KarSU);
- Certificate No. 078011 dated 29.01.2011 on advanced training in the program "Development and use of multimedia and interactive tools in the educational process and teaching methods in the conditions of credit and distance learning technology" (E.A.Buketov KarSU);
- Certificate No. 270012 dated 04.04.2012 on advanced training in the program "Methods of teaching distance learning technology" (E.A.Buketov KarSU);
- Certificate dated 09.12.2016. attended a course of guest lectures at the Karaganda State University on the topic "Modeling of educational programs at the university" (Karaganda, KarSU);
- Certificate of 13.09.2012 Thomson Reuters Scientific & ScholarlyResearch" online seminar, (Russian Federation);
- Modeling of educational programs at the university". 25.11.2016 – 09.12.2016 Lecturer: Doctor of Technical Sciences, Professor Evgeny E. Vitvitsky, (E.A. Buketov KarSU);
- "Advanced training of teachers of pedagogical workers of the Republic of Kazakhstan (240 hours)" No. 0204470 dated 15.04.2017 (JSC "NCPC "Orleu"");
- "Improvement of teaching disciplines in the direction of technical science and technology" No. 624017 dated 10.06.2017 (E.A.Buketov KarSU);
- Certificate dated 05.07.2017-18.07.2017 №13-19/300 "X Anniversary Summer Physical School" special seminar (72 hours) (S.Toraighyrov Pavlodar State University);
- Certificate dated 15.05.2018 "Fundamentals of technology commercialization" training course No.294 (NGO "Alliance of Technology Commercialization Professionals", Karaganda);
- "Energy-efficient and resource-saving technologies in industry by specialty 5B071700-Heat and Power Engineering, 5B073100-The Safety of Human Life Protection of Environment and 5B072300-Technical Physics" 03.09.2018-27.09.2018 Lecturer: Mitko Stoev (Bulgaria), (E.A.Buketov KarSU);
- "Fundamentals of Environmental Protection Management". 03.12.2018 -22.12.2018 Lecturer: Doctor of Ph.D., Professor of Lomonosov Moscow State University Kulbachinsky V.A., Russian Federation;
- "Formation of IT competencies of a teacher:working with an online service". E.A.Buketov KarSU. Certificate No. 319019. 17.06.2019 – 19.06.2019;
- "Preparation of a university teacher for training using distance learning technologies". E.A.Buketov KarSU. Certificate No. 478019. 09.09.2019 – 14.09.2019;
- "Methods of obtaining low-emission liquid fuel for thermal energy generation". 23.09.2019 -17.10.2019 Lecturer: PhD, Associate Professor of the Southwestern University "Neofit-Rilsky" Mitko D. Stoev, Bulgaria;
- "Ensuring the safety of technological processes". 03.12.2019 -27.12.2019 Lecturer: Doctor of Ph.D., Professor of Lomonosov Moscow State University Kulbachinsky V.A., Russian Federation.

Native language Kazakh

LANGUAGE	UNDERSTANDING	SPEAKING	WRITING
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	Hearing	Reading	Oral speech	Written speech	
Russian	In perfection	In perfection	In perfection	In perfection	In perfection
LANGUAGE CERTIFICATE: no					
English	With a dictionary	With a dictionary	With a dictionary	With a dictionary	With a dictionary
LANGUAGE CERTIFICATE: no					

Digital skills Perfect – MICROSOFT OFFICE (WORD, EXCEL, POWER POINT), user – GRAPHICAL EDITOR CORELDRAW.

ADDITIONAL INFORMATION

Нусупбеков Б.Р. Шаймерденова Г.М, Айтпаева З.К. Методика избирательного разрушения руды / Вестник развития науки и образования. – Москва, 2009. - №4. – С.16-20.

- Кусайынов К.К., Каримова А.Б., Айтпаева З.К. Расчет кинетических параметров процесса термической деструкции медной руды месторождения Кусмурун / Деформация и разрушение Материалов и Наноматериалов: IV Международная Конференция. Москва, ИМЕТ РАН, 25-28 октября 2011. – С. 924-926.

- Кусаиынов К.К., Сакипова С.Е., Айтпаева З.К. Исследование влияния электроимпульсной обработки на физико-химические свойства металлосодержащего и техногенного сырья / Вестник Карагандинского государственного университета. Серия Физика.– 2013. - №4 (72).– С.48-53.

- Б.Р. Нусупбеков, Г.А. Булкаирова, Айтпаева З.К. Импульсная технология получения наноматериалов из природного минерала / Научный журнал Физика. – Бишкек, 2016. - №2. – С.158-161

- Сатыбалдин А.Ж., Айтпаева З.К., Каримова А.Б., Рахимжанова Н.Ж. Исследование влияния электрогидроимпульсной технологии на физико-химические характеристики нефтяных шламов // Известия вузов Кыргызстана. – 2017.- №6. – С. 26-31.

- Сатыбалдин А.Ж. Бакибаев А.А., Айтпаева З.К. Исследование процесса деструкции органической массы тяжелого углеводородного сырья при электрогидроимпульсной обработке // Актуальные вопросы современной науки: матер. IV междунар. науч.-практ. конф. - Уфа, 2017. - С. 32-37.

Main publications - Байкенов М.И., Сатыбалдин А.Ж., Рахимжанова Н.Ж., Айтпаева З.К., Каримова А.Б. Основы волновой каталитической обработки твердого и тяжелого углеводородного сырья Монография. - Караганда: «Типография Арко», 2017. -148 с.

- Baikenov M.I., Satybalidin A.Zh., Aitpayeva Z.K., Karimova A.B., Rakhimzhanova N.Zh. Investigation of the influence of electrohydroimpulse technology on physic-chemical characteristics of oil sludges // Вестн. Караганд. ун-та. Серия Химия. – 2017. - № 3. – С. 131-136.

- Сатыбалдин А. Ж., Айтпаева З.К., Бакенов А.А. Исследование влияния катализатора на углеводородный состав высоковязкой нефти при электрогидроимпульсной обработке // Актуальные вопросы и перспективы развития современной науки: матер. IV междунар. науч.-практ. конф. студ., аспирантов и молодых ученых. - Санкт-Петербург, 2017. – С. 83 – 87.

□ К. Muratova, I.A. Kirgizalina, B.R. Nusupbekov, A.Zh. Satybalidin, Z.K. Aitpayev Innovative method of processing oil products // Bulletin of the university of Karaganda. Physics series. – 2017. - № 4 (88). – С.53-58.

A.Zh. Satybalidin, A.K. Muratova, I.A. Kirgizalina, B.R. Nusupbekov, M.I. Baikenov, Z.K. Aitpayeva Method of definition thermodynamic functions of heavy oil organic mass processed by underwater spark discharge // Bulletin of the university of Karaganda. Physics series. – 2017. - № 4 (88). – С.59-65-

508-F-14 "Electropulse technology of extraction of rare metals from metal-containing and technogenic raw materials" (2014) – worked as SNC

Participation in the implementation of scientific projects 1172/GF4 "Electrohydroimpulse technology of processing oil sludge and oil-containing technogenic raw materials" (2015-2017) - worked as SNC

529-F-16 "Methods of replenishing water resources with electric discharge technology of purification and activation with a positive effect on the vital activity of plants and living organisms" ((2015-2017) – worked as a SNA

Awards and titles Honorary diploma of the Rector for his contribution to the development of the University (2018)

- Courses**
1. Unconventional energy sources
 2. Environmental problems of thermal power engineering
 3. Environmental inspection and control
 4. Environmental engineering
 5. Electromagnetic radiation pollution of the environment

**Professional and scientific
interests**

**SCIENTIFIC DATABASES
IDENTIFIERS**

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