

SERIK MOLDABAEV



1. Last name, first name, middle name: Moldabayev Serik Kurashovich

2. Date of birth: January 14, 1959

3. Sex: male

4. Nationality: Kazakh

5. Current employment place: Professor, Mining-metallurgy institute, non-commercial joint stock company (NCJSC) “Kazakh National Research Technical University after K.I.Satpayev”, Open-cast mining department

Address: Republic of Kazakhstan, city of Almaty, Satpayev st. 22, zip code: 050013, building, room #: MMC, 234

Business phone: +7 (727) 257-71-56

Cell phone: +7-701-518-32-65, +7-708-569-04-83

E-mail: moldabaev_s_k@mail.ru, moldabayev59@gmail.com

6. Home address: Zip code: 050055, Almaty, Turksib region, microdistrict Kolhozshy, Baitusinova st. 27

7. Education

Name of university: Mining institute of Dnipropetrovsk (currently National Mining University of Ukraine)

Faculty: Mining

Major: “Technology and complex mechanization of surface mining of mineral deposits”

Graduation year: 1982

Diploma with distinction #: 3B No 811601

8. Academic degree: doctor of technical sciences

Specialty: Theoretical bases of mining-technical systems’ design

Cipher: 25.00.21

Date received: 28.05.2010

Diploma #: ФД No 0001025 /

by PhD thesis 25.00.22 “Geotechnology (underground, surface, construction)”

9. Academic title: Professor

Specialty: Mining of minerals

Cipher BAK: 25.04.00

Date received: 30.09.2010

Diploma #: IIP No 0000429

10. Information about publications

total number: 191, *including international:* 32, also 12 patents and inventions, implemented in the industry and accepted for implementation in projects, including 3 international. 19 scientific works (including patent from USA) have non-zero impact-factor and were indexed in bases of *Tomson Reuters, Scopus, Springer*.

– *monographs* (title and year published, co-authors and etc.):

Resource-saving technologies on coal mines, 2012. Co-author: Rakishev B.R.

– *study aids:*

1) Projecting enterprises with surface mining method of mineral deposits, 2010.

2) Resource-saving technologies in surface mining operations, 2015. Co-author: Rakishev B.R.

11. Additional information (membership in Academies and other scientific organizations and societies, scientific achievements and other): Inventor of USSR 1989, owner of Governmental grant “Best lecturer of university” of 2010, member of editorial board of Mining magazine of Kazakhstan from 2015, expert of Governmental scientific-technical expertise center of MES RK, expert of projects through LLC “Stroiindustria”.

12. Knowledge of foreign languages (level): German for translation of technical texts and performing reports, oral Ukrainian and Kazakh, English is being learnt, Russian is main in scientific-pedagogical activities.

13. List partnerships, contracts, agreements, memorandum with industrial enterprises

Service agreement as technical consultant No P-12-0015 from 24.01.12 with LLC “Maikuben-West”, mine “Vostochnyi” JSC “Evroaziatskaya energeticheskaya korporatsiya”, which included mining into perspective enterprise development plan until 2020, LLC “Astana-Moscow” annually for expertise of strategically important facilities of subsoil usage, LLC “Lomonosovskoe” (pre-project works for implementation in project), LLC “Antal” (part-time employee), LLC “Bogatyr Komir”. Currently, invited for commercialization of technological innovations of major mining enterprise of Kazakhstan – LLC “Eurasian group”, Sokolovsk-Sarybaiskoe mining-industrial union is also part of this enterprise.

During preparation of manufacturing operations through LLC “Lomonosovskoe” justified order of mining of quarry field’s areas of Lomonosov deposit of iron ores through realization of new technologies of mining operations on a base of integrated mining-geological informational complex is used.

14. Work experience in other organizations

– 1983 – 1992 – postgraduate student, candidate of technical sciences, senior scientific employee of National Mining University of Ukraine;

– 1992 – 1994 – head of technological sector of mining operations of GJSC “Ekibastuz-Komir”;

– 1994 – 2011 – chair of the department, dean of engineering faculty of Ekibastuz engineering-technical institute;

– 2001 – 2004 – chief technologist, vice-director of “Maikubenskyi” mine of LLC “Maikuben-West” without discontinuing scientific-pedagogical experience.

15. Current scientific projects

In the last 5 years as a scientific director of Governmental grants of Ministry of education and science of the Republic of Kazakhstan following scientific-research operations are completed and being carried out:

– 0261/GF2 “Development of methodology of realization and optimization of breakthrough technologies on quarries with inclined and steep drop formation”;

– 0713/GF3 “Development of effective technology of powerful excavator-automobile complexes implementation in deep quarries with transition into internal stacking”;

– 1686/GF4 “Intensification of construction, reconstruction and increasing effectiveness of quarry exploitation using two-level ledge development with equal length of operation front”;

– 1699/GF4 “Increasing effectiveness of loading equipment operation during exploitation of combined types of transport with automobile pup joint in surface mining of deposits of Kazakhstan” (as executive administrant).

By technological innovations, including co-authorship with constructors from Ukraine, following projects are being prepared:

1) Rationale, modernization and adaptation of steeply inclined mining-transportation units of recovering lumpy rock mass from deep horizons of quarries depending on annual productivity of enterprise and quarry forms:

– modernization and adaptation of steeply inclined newly designed belt pipe type conveyor for transportation of lumpy rock mass with annual productivity of more than 20 – 25 mln tons on quarries of SSMPU;

– modernization and adaptation of mining complex of steeply inclined rise with skip-wagon unit with annual productivity up to 20 mln tons on quarries of SSMPU.

2) Approbation of liquidation technologies of stripping lag in deep quarries of SSMPU with new formation order of working zones on steep boards through creation of dynamic model of its realization in digital models of ore deposits.

3) Increasing reliability and productivity of block type reloading equipment with combined automobile-railroad transport using new type of belt feeder.