

# K.I. Satpaev Institute of Geological Sciences



INTERNATIONAL CONFERENCE “UPPERMOST DEVONIAN AND CARBONIFEROUS  
CARBONATE BUILDUPS AND BOUNDARY STRATOTYPES”  
AND  
FIELD TRIP TO THE UPPER DEVONIAN AND CARBONIFEROUS REEF BUILDUPS OF THE  
BOLSHOI KARATAU MOUNTAINS (SOUTH KARATAU)  
August 15–22, 2017

## *2<sup>nd</sup> Circular*

### **Dear colleagues!**

It is our privilege and pleasure to invite you to a field trip to the Upper Devonian-Carboniferous reef buildups of the Bolshoi Karatau Mountains (South Karatau) to be held on August 15–22, 2017

### **Institutional Organizers:**

*Subcommission on Carboniferous Stratigraphy (SCCS) of the International Commission on  
Stratigraphy, IUGS*

*K.I. Satpaev Institute of Geological Sciences*

*Committee of Geology and Subsoil Use of the Ministry for Investment and Development of the Republic  
of Kazakhstan*

*Khoja Akhmet Yasawi International Kazakh-Turkish University*

### **Address of the Organizing Committee**

*Republic of Kazakhstan, Almaty, st. Kabanbai batyra 69/94, st.cor. Valikhanova  
Telephone/FAX: +7(727) 291-7379 (Almaty), mobile 87773253928, 87014854464.  
E-mail: musina.63@mail.ru*

### **Major sponsor:**

*K.I. Satpayev Kazakh National Research Technical University*

### **Sponsors:**

*Subcommission on Carboniferous Stratigraphy (SCCS) of the International Commission on  
Stratigraphy, IUGS*

*Khoja Akhmet Yasawi International Kazakh-Turkish University*

### **Organizing Committee**

- **Prof. Xiangdong Wang**, *Chairman, Subcommission on Carboniferous Stratigraphy (SCCS), Nanjing Institute of geology and Palaeontology, Chinese Academy of Sciences.*
- **Dr. S.V. Nikolaeva**, *Vice-Chairman, Subcommission on Carboniferous Stratigraphy (SCCS), Paleontological Institute, Russian Academy of Sciences, Russia & Natural History Museum, London, UK.*

- **Dr. B.C. Richards**, *Former Chairman, Subcommittee on Carboniferous Stratigraphy (SCCS), Geological Survey of Canada (Calgary) Natural Resources Canada/Government of Canada.*
- **Prof. A.S. Alekseev**, *Head of a Working Group, Subcommittee on Carboniferous Stratigraphy (SCCS), Moscow State University, Russia.*
- **Prof. G.Zh. Zholtaev**, *Academician of the National Academy of Sciences of the Republic of Kazakhstan, Director of the K.I. Satpaev Institute of Geological Sciences.*
- **B.K. Nurabaev**, *Chairman of the Committee of Geology and Subsoil Use of the Ministry for Investment and Development of the Republic of Kazakhstan.*
- **Prof. U.S. Abdibekov**, *Principal Dean of the Khoja Akhmet Yasawi International Kazakh-Turkish University.*
- **Dr. V.Ya. Zhaimina**, *Senior Researcher, K.I. Satpaev, Institute of Geological Sciences.*

#### **Organizing group**

- **Dr. E.M. Fazylov**, *Head of the Department of Regional Geology, Head of the Lithology and Engineering geology group of the K.I. Satpaev Institute of Geological Sciences*
- **V.M. Buvtyshkin**, *Director of the Izdenis Ltd. Association of geological enterprises. Mapping expedition.*
- **A.E. Zorin**, *Chief Geologist of the Izdenis Ltd. Association of geological enterprises. Mapping expedition.*
- **Dr. S.K. Kurbaniyazov**, *Khoja Akhmet Yasawi International Kazakh-Turkish University*
- **Dr. S. Mustapaeva** - *Lecturer at the National K.I. Satpaev University Institute of Geological Sciences*
- **E.S. Musina**, *Engineer at the Lithology and Engineering Geology Group of the K.I. Satpaev University Institute of Geological Sciences.*

#### **Registration:**

Please fill the registration form (below) and e-mail to [musina.63@mail.ru](mailto:musina.63@mail.ru) before 1 March 2017.

#### **REGISTRATION**

INTERNATIONAL CONFERENCE AND FIELD TRIP TO THE UPPER DEVONIAN-CARBONIFEROUS REEF BUILDUPS OF THE BOLSHOI KARATAU MOUNTAINS (SOUTH KARATAU)

August 15–22, 2017

Please fill all the following information

1	Nationality and residence
2	Professional Affiliation and address
3	Surname and all given names as shown in passport
4	Passport no., date and place of issue, expiry date
5	Title
6	Occupation
7	Mailing address
8	Contact telephone:
9	e-mail:
10	Hotel reservation in Almaty - tick if needed
11	Proposed arrival date

**Organizational payment of \$ 500** should be pay by transfer, we send our requisites. The organizational payment includes publication of the meeting program and abstracts, guidebook and excursion program, field lunches and round-trip transport from Turkestan to the excursion point, etcetera. The train tickets Almaty-Turkestan are also included in the organizational payment. You can pay at the moment of registration.

Please specify that the transaction is for “Excursion 2017 Bolshoi Karatau” and please inform the organizers (**Elmira Musina**) by e-mail [musina.63@mail.ru](mailto:musina.63@mail.ru) about the transaction.

**Bank account:**

Bank “CenterCredit” Almaty  
Account no. 600900601577  
IBAN: KZ798560000000526348 (US dollars)  
SWIFT: KCJBKZKX  
BIN (Business Identification number) 080140000780  
Beneficiary Code 16

K.I. Satpaev, Institute of Geological Sciences st. Kabanbai batyra 69/94, st.cor. Valikhanova;  
tel/fax 8(727) 2-91-56-79.

**Main destinations of the Kazakhstan Trip**

**Almaty** is the largest and greenest city in Kazakhstan, with a population over 2 000 000. It used to be the capital of the country, until 1997 when it changed to Astana. Almaty takes pride in being the cultural centre of the republic. It has 270 cultural sites including theatres, concert halls, museums, art galleries, libraries, historical and architectural monuments, and churches of all denominations. The busy international airport receives flights from many destinations.

**Turkestan** is one of the oldest cities of Kazakhstan. Turkestan is a large industrial, educational and cultural centre, and a popular tourist destination. Its sightseeing attractions include the 15<sup>th</sup> century Khanaka (Mausoleum) of Khodzha Akhmed Yasavi, the well-known sufi and poet. The “Azret Sultan” memorial complex houses the burials of the great Kazakh kings Esim-Khan, Ablai-Khan, Abulhir-Khan and others. There is a memorial to Kazybek Bi - one of the authors of the “Zhety Zhargy”, the first set of Kazakh laws, and other important contributors to the Kazakh State. The railway station (1905) also has the status of an architectural monument!

The famous underground mosque and the baths (“Vostochnye Bani”) (1600-1700s) are located in the centre of Turkestan.

The city is also famous for its four oriental vegetable and fruit markets. Camels are commonly used for transportation.

The famous site of Sayram, near Turkestan, is one of the earliest settlements in southeastern South Kazakhstan Region on the Sayram Su River, near Turkestan. In the early medieval period (9<sup>th</sup>-12<sup>th</sup> centuries) this site was occupied by the town of Isfijab (Espijâb, Isfijâb), which was central to the land of Transoxiana, known in Arabic sources as Mā warā’ al-Nahr (“Land Beyond the River”). One surviving ancient minaret in Sayram is 10.5 m tall and named after Hizir Paigambar, also known as Khidr or al Khidr, a legendary figure in Muslim culture, portrayed as a mysterious man in green, a friend and companion of Moses, and an immortal who helps those in need.

The climate in the city of Turkestan is moderately dry (desert-like) and strongly continental. Summers are very hot, with mean August temperatures of 33-35 °C (day), and 25-27°C (night). In summer, daily temperature fluctuations of 15-20 °C are common.

### **Important deadlines:**

- |  |   |              |
|--|---|--------------|
| 1. Registration<br>2017  | 1 | March        |
| 2. Scan or pdf of travel passport (needed to book railway tickets Almaty to Turkestan)<br>2017 | 1 | March        |
| 3. Call for Papers   |   | 1 April 2017 |

### **Proposed topics**

- (1) Uppermost Devonian and Carboniferous stage boundaries, stratotype sections, and GSSPs
- (2) Upper Devonian (Famennian) and Carboniferous carbonate platforms and ramps in the Bolshoi Karatau Mountains and southern Urals
- (3) Famennian and Carboniferous reefs, biostromes, and carbonate mounds Bolshoi Karatau Mountains
- (4) Upper Devonian and Carboniferous reefs, biostromes, and mounds, southern Urals
- (5) Diagenesis of Famennian and Carboniferous carbonate buildups of Bolshoi Karatau and southern Urals
- (6) Famennian and Carboniferous reefs in the giant and super-giant oil fields of the Caspian Basin
- (7) Influence of tectonism and eustasy at Famennian and Carboniferous reefs of the Bolshoi Karatau, southern Urals, and Caspian Basin
- (8) Relationship of latitude and water depth to main framework components of Famennian and Carboniferous reefs and mounds
- (9) Abundance and types of main reef and mound framework in the Famennian and Carboniferous
- (10) Review of the Famennian and Carboniferous reef and mound buildups in southern Russia and Kazakhstan
- (11) Micropaleontology of marine Carboniferous deposits: taxonomy, phylogeny, biostratigraphy
- (12) Carboniferous marine macrofossils: taxonomy, biostratigraphy, paleobiogeography

## Announcement

The Field Trip on 15-22 August 2017 to the Upper Devonian Reef Buildups of the Bolshoi Karatau Mountains (South Kazakhstan) will be accompanied by a conference “*Uppermost Devonian and Carboniferous carbonate buildups and boundary stratotypes*”, which is to be held on August 16-17 in the Khoja Akhmet Yasawi International Kazakh-Turkish University in the city of Turkestan (Kazakhstan). All the participants of the Field Trip are warmly invited to take part in this conference.

Official languages are English and Russian. We invite papers on various questions of stratigraphy, paleontology, lithology, and reef formation.

Please send us the approximate title before March 1, 2017. The deadline for papers (in English or Russian) is April 1, 2017. Please indicate the intended format (oral presentation or poster).

## Layout and format of papers

Papers should be submitted in Microsoft Word (‘doc’ format), single-spaced, not exceeding seven A4 pages (portrait orientation), including references, figures, and plates. The font should be Times New Roman size 12 (or KZ Times New Roman, Times/Kaz). All borders should be 2 cm, justified, with no page numbers and no hyphenated line-breaks).

Title, author names and affiliations should be separated by one line from the body of the text.

*Paper title* - centred, all caps.

Authors - surname and initials (no titles) (all capitals, italics) followed by affiliation, address and email, centred.

*Text* - should be sent as an attachment to [musina.63@mail.ru](mailto:musina.63@mail.ru)

*References* - should be indicated by Arabic numerals in square brackets in numeric order. The references in the reference list should be numbered and organized accordingly.

*Figures* - should be of high resolution (at least 300 dpi), tiff (tif) or jpg (jpeg) formats and should be incorporated in the text according to the references to figures. Please also send figures separately in their original formats.

*Oral presentations* - are to be in PowerPoint format (2003-2007).

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*Example*

ACTUAL PROBLEMS OF EARTH SCIENCES

*PETROVA.B.*

*K.I. Satpaev, Institute of Geological Sciences, Almaty, Republic of Kazakhstan*  
[ignkis@mail.ru](mailto:ignkis@mail.ru)

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Please send any questions and suggestions to Elmira Musina at [musina.63@mail.ru](mailto:musina.63@mail.ru)

Best wishes

Organizing Committee