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## SECOND INFORMATION LETTER

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# MANGYSTAU OIL AND GAS FUTURE



From April 25 to 27, 2024 in Aktau city in a 5-star hotel-resort Rixos Water World Aktau **Kazakhstan Association of Petroleum Geologists** organizes the International Scientific-Practical Conference "**Mangystau Oil and Gas Future**".

During the conference there will be **two geological field trips** to the unique natural sites of Mangystau, which provide great information content **to study the sediment accumulation processes and the Earth's geology**.

### Geological field trip

**April 25 (first day)**

Bozzyhra Gorge — Geology behind breathtaking landscapes

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### International Scientific-Practical Conference

«Mangystau Oil and Gas Future»

**April 26 (second day)**

### Geological field trip

**April 27 (third day)**

Mesozoic-Cenozoic section at Shetpe area

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All up to date details about the Conference – changes, key dates, programme, paper topics, information about authors, excursion schedule and much more – **are available on the official conference website**

<https://www.geologyforum.kz/>

# Organizing committee:

## Chairman:

**Kuandykov Baltabek Mukhanovich** – President of  
Kazakhstan Association of Petroleum Geologists

## Members of Organizing committee:

1. **Bigaraev Anuarbek Bigaraevich**, CEO Munaigasgeolservis LLP
2. **Gershtansky Oleg Sergeevich**, CEO NIPIneftegaz JSC
3. **Dauletov Assylzhan Bauyrzhanovich**, Deputy General Director for Geological Exploration and Geophysics, KMG Engineering LLP
4. **Zholtaev Geroy Zholtaevich**, Professor,  
CEO Institute of Geological Sciences named after K. Satpaev LLP
5. **Karagaev Zhumabai Gabbasovich**, Deputy Akim of Mangystau region
6. **Kelbet Almagul Salikholakzy**, Head of Mangystau Regional Inspection of Geology and Subsoil Use
7. **Kuantaev Nysanbay Yeserkepovich**, Director of Almaty Branch of Kazakhstan Association of Petroleum Geologists
8. **Kubekbayev Izbergen**, Chief Geologist ARK Petroleum LLP,  
Director of Mangystau branch of Kazakhstan Association of Petroleum Geologists
9. **Milovan Fustic**, Associate Professor,  
School of Mining and Geosciences, Nazarbayev University
10. **Khafizov Sergey Faizovich**, Head of Department at the  
Gubkin Russian State University of Oil and Gas

LOOKING FORWARD TO MEETING PARTICIPANTS AT THE CONFERENCE



# MANGYSTAU OIL AND GAS FUTUTRE



## INTERNATIONAL SCIENTIFIC-PRACTICAL CONFERENCE

**April 26, 2024**

**Aktau, Kazakhstan**



**Conference location:** **Rixos Water World Aktau** is a five-star hotel that is located on the picturesque shore of the Caspian Sea. The hotel, set on the clean sandy beach, is buried in the greenery of gorgeous gardens, creating the ideal atmosphere. The combination of amazing facilities and atmosphere as well as gourmet cuisine makes Rixos Water World Aktau a unique luxury location, and its convenient place 20 km from Aktau is another advantage.

## Preliminary PROGRAMME of the Conference

### **Mangystau-2 Hall**

8:00 AM – 9:00 AM Registration of Conference participants

9:00 AM – 9:30 AM Welcome word

**9:30 AM – 11:00 AM PLENARY SESSION**

11:00 AM – 11:30 AM coffee break

**11:30 AM-1:00 PM continuation of PLENARY SESSION**

1:00 PM - 2:00 PM lunch

### **2:00 PM – 6:30 PM SECTIONAL SESSIONS**

#### **Mangystau 1 Hall**

**2:00 PM -4:00 PM 1 Section Innovative solutions in geological exploration**

4:00 PM - 4:30 PM coffee break

**4:30 PM -6:30 PM 2 Section Modern methods to enhance oil recovery of brown fields**

#### **Mangystau 3 Hall**

**2:00 PM - 4:00 PM Section 3 Mangystau - perspectives of hydrocarbon deposits discovery onshore & in the Caspian Sea basin**

4:00 PM - 4:30 PM coffee break

**4:30 PM -6:30 PM 4 Section The new technologies in oil and gas field exploitation**

7:00 PM – 7:45 PM Welcome buffet in the foyer of the banquet hall

7:45 PM – 11:45 PM The Gala Dinner.

*\* section titles can be adjusted*



## REGISTRATION FEE FOR PARTICIPATION IN THE FORUM

The payment for participation in the Conference on  
**April 26th SECOND DAY** is:

- **for members of the KAPG - 50,000 KZT**
- **for those who are not members of KAPG - 75,000 KZT**

Payment is accepted in KZT and USD at actual exchange rate on the day of payment.

You can **register** for the Conference by the following link:

<https://www.geologyforum.kz/>

The Conference, April 26, is free of charge for the following participants: industry veterans, university students, members of the Organizing Committee, speakers, and representatives of sponsoring companies (a certain number).

University professors pay 50% of the Conference participation fee.

After registration on web-site you will receive an email with payment options.

An invoice for registration payments will arrive in your email after registration, if necessary.

Entry to the list of participants is done **only after confirmation of payment** of the registration fee.

Non-cash payments are accepted until April 20, 2024.

Cash - April 25-26, before the start of the Forum, subject to availability.

### Requisites:

#### **Public Association Kazakh Association of Petroleum Geologists:**

The Republic of Kazakhstan,  
Registered office: 060011,  
Kazakhstan, Atyrau,  
Aitike bi street, 43A.

Account number in KZT (national currency  
Tenge)  
Atyrau branch of Halyk Bank JSC:  
**KZ126017141000003987**

Actual address: 060003,  
Kazakhstan, Atyrau,  
Auezov avenue 28B, 205.  
BIN: 090940001968  
BIC: HSBKKZKX  
Beneficiary code 18  
Phone: +7(7122) 76-36-09

Account number in USD (The US dollars)  
Atyrau branch of Halyk Bank JSC:  
**KZ566017141000004359**

#### **For transfers in foreign currency:**

Atyrau regional branch of Halyk Bank JSC:  
060000, Kazakhstan, Atyrau,  
Satpayev street 4  
SWIFT BIC: HSBKKZKX  
BIN: 970541000638

## ABSTRACT REQUIREMENTS:

Please send listed information **as soon as possible** to be posted on the conference website:

1. Subject of the report in Kazakh, Russian and English
2. Name and photo of speaker, place of employment
3. Abstract in Kazakh, Russian and English (half a page).

Send abstracts by **April 5, 2024**.

Speakers will receive requirements for abstracts by e-mail.

Reports should be sent until **April 15, 2024**.

Format:	*.pdf
Language:	Russian and English
Duration of the performance:	up to 15 min.

Please mention full name, position and place of work of all authors.

Please send reports/presentations by e-mail to:

[tzamanov@meridian-petroleum.kz](mailto:tzamanov@meridian-petroleum.kz)

**Timur Zamanov +7 701 710 0324**

[gkulumbetova@meridian-petroleum.kz](mailto:gkulumbetova@meridian-petroleum.kz)

**Gulmira Kulumbetova +7 701 744 65 30**

*All received papers will be sent to the members of the Organizing Committee for review.*

*The Organizing Committee retains the right to accept or reject a paper.*



# BOZZHYRA GORGE – GEOLOGY BEHIND BREATHTAKING LANDSCAPES

## GEOLOGICAL FIELD TRIP



The chink section of the Ustyurt plateau, where nature gave full freedom to its imagination and created an unearthly landscape in white chalk colors. The huge Bozzhyra valley is surrounded on three sides by white canyons. Two limestone peaks, nicknamed the Fangs for their shape, are the signature features of Bozzhyra.

### Expedition Programme

*Trip guides: Milovan Fustic and Renat Iltukov*

6:00-6:30	Meeting at MangystauMunayGaz (for those who live out of Rixos Water World Aktau)
6:30-7:00	Arrival at the Rixos Water World Aktau hotel to collect the rest of the participants
7:00 – 7:30	Safety briefing, route overview
<b>7:30</b>	<b>Departure from Rixos Water World Aktau.</b>
8:30 – 9:00	Stop at the Karagiye viewpoint - the deepest depression in the world. Brief lecture - tectonics, sedimentation conditions, etc.
9:00 – 10:15	A ride to Zhanaozen (along the way, discussion of stratigraphy, tectonics, oil fields and extraction methods)
10:15 – 10:45	Quick stop in Zhanaozen city
10:45 – 12:30	Travelling to the transfer point. Switching to off-road buses.
12.30 – 15:00	Drive to the breathtaking views of Bozzhyra. <u>LUNCH</u> Brief discussion on the geology of the unique landscape.
15:30 – 17:00	Travel to Tiramisu Canyon (if time allows), enjoy the colorful landscape, discuss the geology behind its beauty. Return to car park and transfer to the tourist bus.
17:00 – 20:30	Drive back to Aktau. Quick stop at Zhanaozen.

*If time permits - a short stop for photos at the Senek sand dunes.*

From Aktau to  
Karagiye viewpoint  
≈30 km.

From Karagiye  
viewpoint to  
Zhanaozen ≈130  
km.

From Zhanaozen to  
Bozzhyra ≈150 km.





# MESOZOIC-CENOZOIC SECTION AT SHETPE AREA

## GEOLOGICAL FIELD TRIP



**The third day!!!  
April 27, 2024**



### Expedition Programme

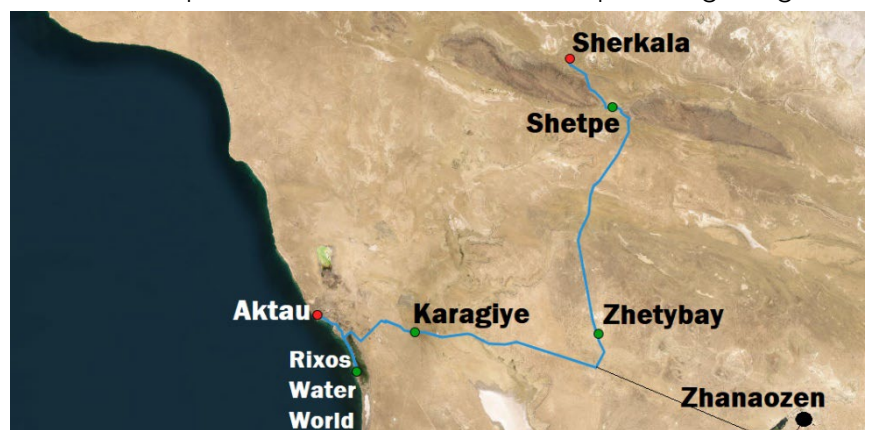
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8:30-9:00	Stop at the Karagiye viewpoint - the deepest depression in the world. Brief lecture - tectonics, sedimentation conditions, etc.
9:00-10:15	Travelling to Shetpe area via Zhetybay (during the trip discussing stratigraphy, tectonics, oil fields and its exploration).
10:15-10:45	Stopover in Shetpe area. Transfer to off-road vehicles.
10:45-11:15	Trip to the location. Unconformable lying of Triassic-Jurassic rocks.
11:15-12:30	Discussion of tectonics and sedimentation processes, including practical exercises in well placement (literally inside an oil reservoir); production techniques in a similar oil field in Canada (Dunvegan). Optional visit to Black Canyon (beautiful location for photos).
12:30-13:00	A trip to outcrops of rocks of Albian age. Hundreds of nodules, the largest on the planet.
13:00-14:00	<u>LUNCH</u> in one of the most picturesque places of Kazakhstan. Explore the region on your own.
14:00-15:00	Overview of the geology, including a direct analogy to the Dunga oil field.
15:00-16:00	A trip to the rock outcrops, K-T bedrock boundary and a discussion of the causes of this major event and the conditions of deposition of the Cretaceous sediments and their role as oil reservoirs.
16:00-17:00	Travelling to Shetpe area. Transfer to the tourist bus.
17:00-18:00	A trip to the Sherkala Mountain viewpoint. Discussion of arid landscape and geological processes.
18:00-20:30	Drive back to Aktau.

From Aktau to Karagiye viewpoint  
≈30 km.

From Karagiye viewpoint to Zhetybay  
≈60 km.

From Zhetybay to Sherkala  
≈90 km.



## GEOLOGICAL FIELD TRIPS CONDITIONS

The participants of the geological field trip must have a head covering, clothes made of thin fabric with long sleeves and trousers, strong sports shoes.

**The cost of each of the geological field trips for 1 person is 50,000 KZT (~USD 110)**

The cost includes: professional guide, transport, lunch, bottled water

Applications for participation in geological field trip will be accepted

**until April 10, 2024.**

To **register for the geological field trip**, please follow the link below:

<https://www.geologyforum.kz/>

Due to the distance and difficulty in accessing the expedition sites, the number of vacant places may be limited.

After registration on the website, you will receive an email with payment options.

Entry to the list of participants is done **only after confirmation of payment** of the registration fee.

**For example:**

*A geological field trip organized by the KAPG  
During the International Geological Forum  
"Carbonate basins of Kazakhstan and adjacent areas".  
Turkestan, 2022.*





## HOTEL ACCOMMODATION

### RIXOS WATER WORLD AKTAU hotel

#### Significant discounts are available for CONFERENCE PARTICIPANTS

Special rates during the International Scientific-Practical Conference "Mangystau Oil and Gas Future"

Suite	Discount	Price per night for room (KZT), including KAPG discount
Deluxe Garden View (single room)	For conference participants by Code Word	70 000
Deluxe Garden View (double room)		90 000

Rooms reservation information for participants of the Conference:

- Book your room with the Code Word: **«GEOLOGY»**
- E-mail address to book a suite: [Rauan.ashirbekov@rixos.com](mailto:Rauan.ashirbekov@rixos.com)
- Phone: +7 701 091 86 78

Check-in date: from April 24, 2024.

Check-out date: April 28, 2024.

The above rates are per night based on the All Inclusive-All Exclusive concept.  
The price includes VAT.

#### \* Delayed check-out

Check-out from the hotel and payment must be made before 12 PM. In case of late check-out or delayed check-out until 3 PM, the hotel will charge an additional 50% of the room rate. In case of check-out after 3 PM, the guests will be charged at the rate of full price per night.

## OTHER CONDITIONS

For those who come to Aktau from other cities please send arrival information (full name, date and time of arrival, flight number) to the following e-mail addresses:

[tzamanov@meridian-petroleum.kz](mailto:tzamanov@meridian-petroleum.kz)

**Timur Zamanov +7 701 710 0324**

and

[gkulumbetova@meridian-petroleum.kz](mailto:gkulumbetova@meridian-petroleum.kz)

**Gulmira Kulumbetova +7 701 744 65 30**

## General information

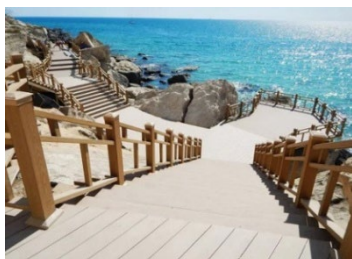
The International Scientific-Practical Conference **"Mangystau Oil and Gas Future"** will be held in Aktau, the capital of Mangystau Region, a port city on the Caspian Seashore, the economic centre of south-western Kazakhstan.

Aktau is the regional centre of Mangystau Region. Its history dates back to the early 1960s. All the infrastructure was created for life in the waterless desert, the city uses only desalinated sea water. Today Aktau has cultural and natural values corresponding to its status.



Those who do not participate in geological field trips have the opportunity to use the services of a travel company, visit and explore interesting places in Aktau.

*The travel company's counter is located in the lobby of Rixos Water World Aktau Hotel.*



Aktau's tourist symbol is the "Rock Trail" - a landscaped path along the shore of the Caspian Sea, with many benches, various sculptures, ancient rock paintings and viewing platforms.

Central Mosque "Beket Ata" The Spiritual Centre of the Muslims in the city was created in 2000-2003. It is a mosque of contemporary architecture, but with a traditional dome and minaret 50 meters high. The mosque bears the name of the religious educator, revered saint Beket-Ata.



The active lighthouse "Melovoy", which points the way to the port for ships.



The "Melovoy" lighthouse sends signals with white and red flashes at a distance of 16 to 21 nautical miles to help ships get into port. It rises 73 meters above sea level. The uniqueness of this lighthouse is that it is built on the roof of a 12-storey building.

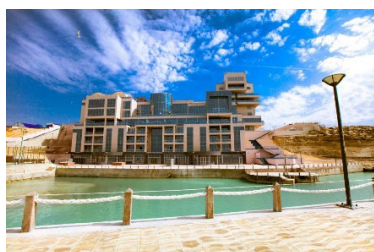
## Accommodation possibilities in Aktau

In addition to the RIXOS WATER WORLD AKTAU Hotel, where the conference will be held, there are a range of modern hotels in Aktau, where you can find good options for accommodation.



**Hotel Holiday Inn - Aktau - Seaside.** This hotel located in the city-centre and offers a restaurant, spa center, bar.

<https://www.ihg.com/holidayinn/hotels/ru/ru/aktau/scose/hoteldetail>



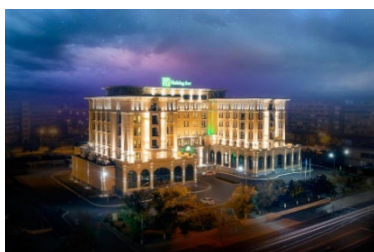
**Caspian Riviera Grand Palace Hotel** is located in Aktau on the Caspian Seashore. It features a terrace with a view of the sea, a private promenade, and a spa center with an indoor pool and a Finnish sauna.

<https://caspianriviera.kz/>



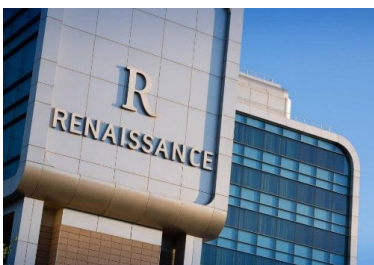
**Grand Nur Plaza Hotel** is a modern five-star hotel in the center of Aktau has a stylish bar and restaurant and a large outdoor swimming pool.

<https://grandnurplazahotel.com/>



**Holiday Inn Aktau** hotel is located in the city centre. Near the hotel is Shevchenko Alley leading to Caspian Sea.

<https://www.ihg.com/holidayinn/hotels/us/en/aktau/scohi/hoteldetail>



**Renaissance Aktau Hotel** is a large, modern hotel located just 150 meters from the Caspian Seashore. It offers indoor and outdoor pools, gourmet international cuisine and a superb spa. Most rooms at the 5-star Renaissance Aktau Hotel offer beautiful sea views.

[www.marriott.com/ru/hotels/travel/scobr-renaissance-aktau-hotel](http://www.marriott.com/ru/hotels/travel/scobr-renaissance-aktau-hotel)

and other hotels.

*\* No discounts from the Conference organizing committee are available at the hotels mentioned above.*