



NECLIME Annual Conference 2024, Almaty, Kazakhstan

September 8-15

Third Circular

Dear colleagues,

Please find attached important information for your arrival and details about schedule and scientific program.

Due to the impressive number of participants from 11 countries, the time for oral presentations needs to be restricted to 15 min (plus 5 min for discussion). Please consider this while preparing your presentation. Also, please check the preliminary program if your presentation is included correctly. The program also includes suggested chair persons. If you do not feel comfortable in this role please let us know.

To support your arrival a colleague will meet you at the airport to assist your transfer to the hotel. **Please provide your flight details!**

Also, please, let us know if you have special **food requirements**.

Please make sure to put all organizers in copy (cc) when you send this information.

We are looking forward to seeing you in Almaty,

Saida Nigmatova, Angela Bruch, Svetlana Popova, Aizhan Zhamangara,

(nigmatova27@gmail.com, nigmatova@mail.ru, angela.bruch@senckenberg.de, celenkova@gmail.com)

Important Information

Arrival

Almaty International Airport is in 16 km distance from the hotel. For the transfer, we recommend to take a taxi (approx. 7-10 Euro by **Uber** service).

At the airport, a colleague will meet you to assist your transfer to the hotel. **Please provide us with your flight details!**

Please make sure to change money at the airport upon your arrival. Drivers do not take credit cards.

Hotel Ambassador

Zheltoksan Street 121, 050000 Almaty, Kazakhstan

The booking of Hotel Ambassador is confirmed for all who have sent an email to the hotel.

If you want to contact the hotel booking center info@ambassadorhotel.kz please make sure to **add Saida Nigmatova in copy** nigmatova27@gmail.com, nigmatova@mail.ru

The Venue

Conference hall of the K.I. Satpayev Institute of Geological Sciences, Laboratory of Mesozoic and Cenozoic Geology, **Kabanbay batyr str. 69 A**, Almaty, Kazakhstan located in 1.3 km in 20 minutes walking from the Hotel.

Conveners:

Saida Nigmatova nigmatova27@gmail.com, nigmatova@mail.ru

Svetlana Popova celenkova@gmail.com

Aizhan Zhamangara

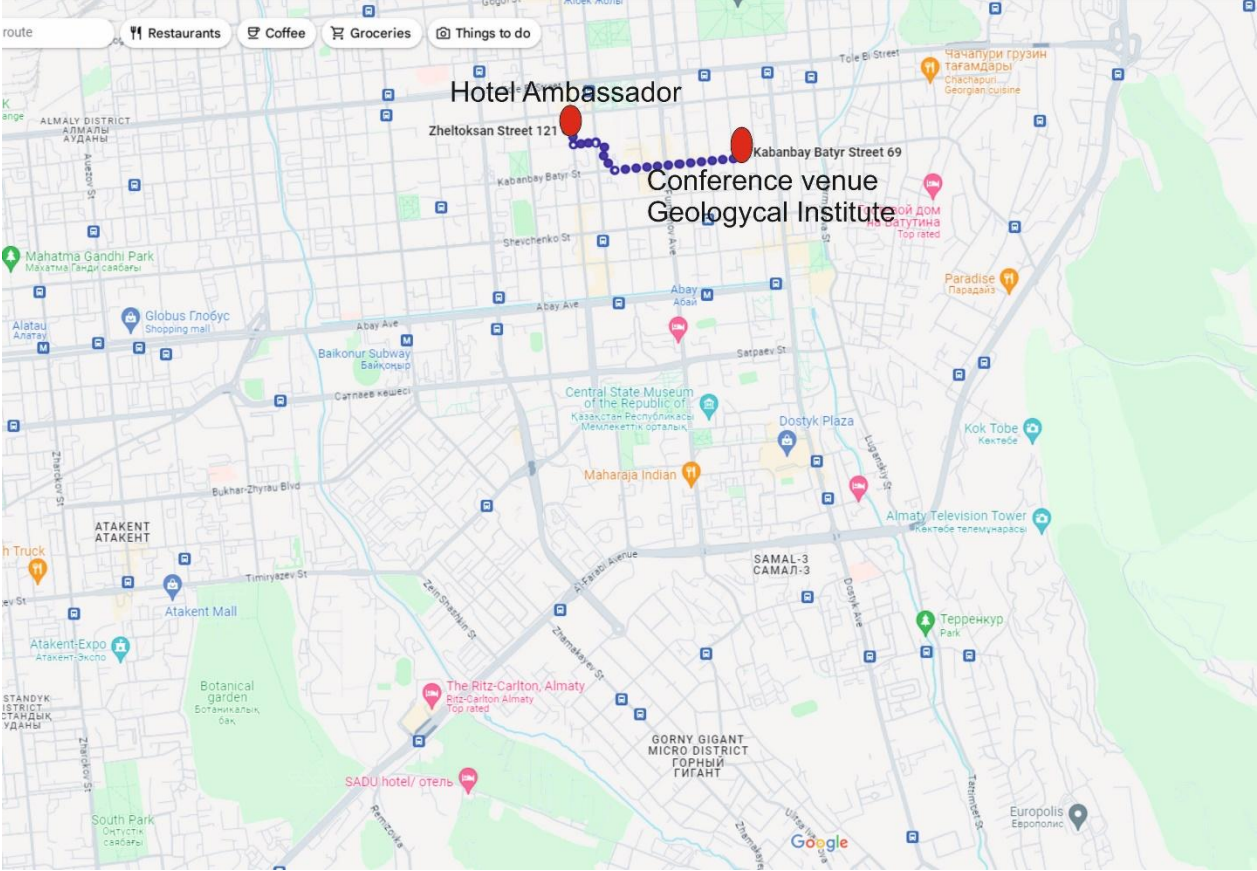
Angela Bruch angela.bruch@senckenberg.de

Phone number for emergencies

Saida Nigmatova: +7 707 827-8871, Svetlana Popova: +7 981 8333930

Important Information

Map with the hotel and conf. venue in the city center



General Schedule

Sunday, September 8th

Arrival, hotel accommodation

For those who arrived in the afternoon we meet at the hotel lobby at 18:00 (local time) to walk in the city center and have dinner together

Monday, September 9th

9.00 – 10.00 Registration

10:00 – 17:30 Scientific Sessions:

Welcome and Introduction to NECLIME

Oral and poster presentations

13:30 – 14:30 Lunch

Oral and poster presentations

18:45 Welcome dinner

Tuesday, September 10th

10:00 – 17:30 Scientific Sessions:

Oral and poster presentations

13:30 – 14:30 Lunch

Oral and poster presentations

Final discussion

Wednesday, September 11th

10:00 – 14:00 City tour and visit to the mountain **Chimbulak (Medeo)** (Provide a hat, jacket and comfortable shoes.)

15:30 – 18:00 Visit of the **Main Botanical Garden** (Timiryazev str.46)

Post conference field trip

The total trek is about 800 kilometers. For the field trip, you should provide trekking shoes, headgear, and long sleeve shirt. The weather in September is 20-25°C, usually without precipitation.

Thursday, September 12th

7.00 a.m. - Check-out from the hotel, breakfast on the road

Visit to the Charyn Canyons (230 Km)

17:00 – 19:30 - Transfer to Altyn Emel National Park (150 km)

Evening: Dinner and accommodation at the hotel in Altyn Emel National Park

Friday, September 13th

9:00 – 13:00 Visit to the Singing Dune (40 km)

13:00 – 14:00 Lunch at 700-year-old Willow tree

14:00 – 18:00 Excursion to Aktau Mountains (key geological section of Cenozoic of South-Eastern Kazakhstan) (80 km)

Evening: Dinner and accommodation at the hotel in Altyn Emel National Park.

Saturday, September 14th

9.00 – 18:00 Departure to Almaty city, visit of Tambaly tas Buddhist petroglyphs on the Ili River, Lunch at the restaurant in Konaev city

18:00 Return to Almaty, check-in to hotel

Sunday, September 15th

Departure day

Preliminary Scientific program

Monday, September 9

09:00 Registration

10:00 **Geroy Zholtaev** – Director IGN
Opening of the conference, welcome address

10:15 **Gulnara Sitpaeva** – Director Botanical Garden
Welcome address

10:30 **Angela A. Bruch** in behalf of the NECLIME coordination team
Welcome and Introduction to NECLIME

11:00 **Saida Nigmatova**
Keynote: The geological history of Kazakhstan during Neogene

11:30 *coffee break and posters*

Chair Subir Bera

12:00 **Anna Averyanova**, Svetlana Popova, Valentina Tarasevich & Torsten Utescher
Climate reconstruction of the Late Oligocene flora of East Kazakhstan (Zaisan depression) based on plant macro and microfossils

12:20 **Svetlana Popova**, Anna Averyanova, Valentina Tarasevich & Torsten Utescher
The Late Oligocene vegetation of Kazakhstan reconstructed on the basis of PFT data

12:40 **Kseniya Nesterova**, Svetlana Popova, Anna Averyanova & Kate Nosevich
Reconstruction of Oligocene climate of eastern Kazakhstan based on fossil species of Quercus L. with using Coexistence Approach

13:00 **Aizhan Zhamangara**
title to be announced

13:20 *lunch break*

Chair Jian Huang

- 14:30 **Wilfried Konrad**, Anita Roth-Nebelsick & Christopher Traiser
High productivity at high latitudes under environmental conditions of the Eocene
- 14:50 **Olesia V. Bondarenko** & Torsten Utescher
Eocene Climate of East Asia – preliminary data
- 15:10 Vladimir Bozukov, **Dimiter Ivanov** & Daria K. Ivanova
New Macro- and Micropaleobotanical Data on the Palaeogene Flora from the Hvoyna Basin (Central Rhodopes, Bulgaria)
- 15:30 **Junling Dong**, Anita Roth-Nebelsick, Wilfried Konrad, James H. Nebelsick & Bainian Sun
Evolution of Plant Functional Traits in Response to the East Asian Monsoon from the Early Oligocene to the Late Miocene in South China
- 15:50 **coffee break and posters**

Chair Marianna Kováčová

- 16:10 **Manuel Casas-Gallego**, Rafael Carballeira, Yul Altolaguirre, Rafael Moreno-Domínguez, José M. Postigo-Mijarra & Eduardo Barrón
The Early Miocene Lacustrine Basin of Rubielos De Mora (Eastern Spain) revisited: A Study of Pollen, Diatoms and Geochemistry
- 16:30 **Desa Djordjevic Milutinovic**
Rhodomyrtophyllum sinuatum (Bandulska) Walther as a Paleogene relict in the Early Miocene of Berane basin (Montenegro)
- 16:50 **Katharina Methner**, Emilija Krsnik, Jens Fiebig, Oliver Kempf & Andreas Mulch
Central European temperature response to middle Miocene climate change
- 18:45 **Welcome dinner**

Tuesday, September 10

Chair Arata Momohara

10:00 **Speaker to be announced**

Keynote: Modern biodiversity of Kazakhstan

10:30 **Jian Huang**, Hung Ba Nguyen, Napussawan Thongsangtum, Teng-Xiang Wang & Yupa Thasod

Neogene Establishment of Tropical Monsoon Forest in Indochina

10:50 **Li Wang**, Shu-Feng Li, Arata Momohara & Tao Su

Leaf morphologies of modern and fossil bamboos and their palaeoclimatical implications

11:10 **Ivan Gabrielyan**, Johanna Kovar-Eder & Angela A. Bruch

Fossil Oaks of the Early Pleistocene Sisian formation in Armenia

11:30 *coffee break and posters*

Chair Dimiter Ivanov

12:00 **Arata Momohara**, Yusuke Matsuda, Nao Miyake & Hakaru Shiroike

Impact of the Aira Caldera Volcanic Eruption on Flora and Vegetation in Southern Kyushu during the earliest Stage of the Last Glacial Maximum

12:20 **Aleksandra V. Ivanova**, Alexey S. Tesakov & Alexey A. Bondarev

Palynology of Mid-Early Pliocene Deposits in the South of Western Siberia

12:40 **Ekaterina Nosevich**, Natalia Nazarova & Ljudmila Pestova

Pollen Record of the Sol'-Iletsk Core (Orenburg District) as a new Source of Data about South Ural Gelasian

13:00 **Subir Bera**, Meghma Bera, Shreyasi Basak, Mahasin Ali Khan, Anwasha Biswas, Dipak Kumar Paruya, Sreya Roy Parbat, Krishnendu Acharya & Bapi Goswami

Fungal wood decay in the Siwalik forest (middle Miocene to early Pleistocene) of eastern Himalayan: Insight into the palaeoforest ecosystems

13:30 *lunch break*

Chair Manuel Casas-Gallego

- 14:30 **Ranita Biswas**, Manjuree Karmakar, Oindrila Biswas, Madhab Naskar & Subir Bera
Grass phytolith signatures from ancient lake sediments, Maharashtra, India reveal Late Holocene grass vegetation and climate of the region
- 14:50 Jiangbo Meng, Jiagang Zhao, Jian Huang, Tao Su, Linlin Chen, Zhekun Zhou & **Shufeng Li**
Climate Evolution and Its Driving Factors in the Tethys Region During the Cenozoic Era
- 15:10 **Yong-Jiang Huang**, Hao-Ran Zong, Shi-Tao Zhang, Arata Momohara & Zhe-Kun Zhou
Palaeoelevation at the southeastern margin of the Tibetan Plateau: new evidence from the Baoshan Basin
- 15:30 **Zuo Ruohan** & Zhang Shitao
Influence of Climate Change in Glacier Geological Relics of Shangri-La Region
- 15:50 **coffee break and posters**

Chair Angela Bruch

- 16:10 **Christine Hertler**
Disperse – a family of agent-based models to simulate dispersal scenarios
- 16:30 **NECLIME final discussion**
Conclusions, comments, and general discussion

Poster Presentations

- Nela Doláková, **Marianna Kováčová**, Torsten Utescher & Mine Sezgül Kayseri Özer
Vegetation and climate oscillations during MCO/MCT in Central and Eastern Paratethys

Dana Höfer, Martina Stebich, Lauer, T., Nowaczyk, N., & Katzschmann, L.

Palynological Studies on Pleistocene Biostratigraphy, Palaeoenvironment and Subrosion History in Thuringia (Central Germany)

Lisa Schiersch, Angela A. Bruch

Quantifying the relationship between the regional vegetation and the pollen record of Armenia and Georgia