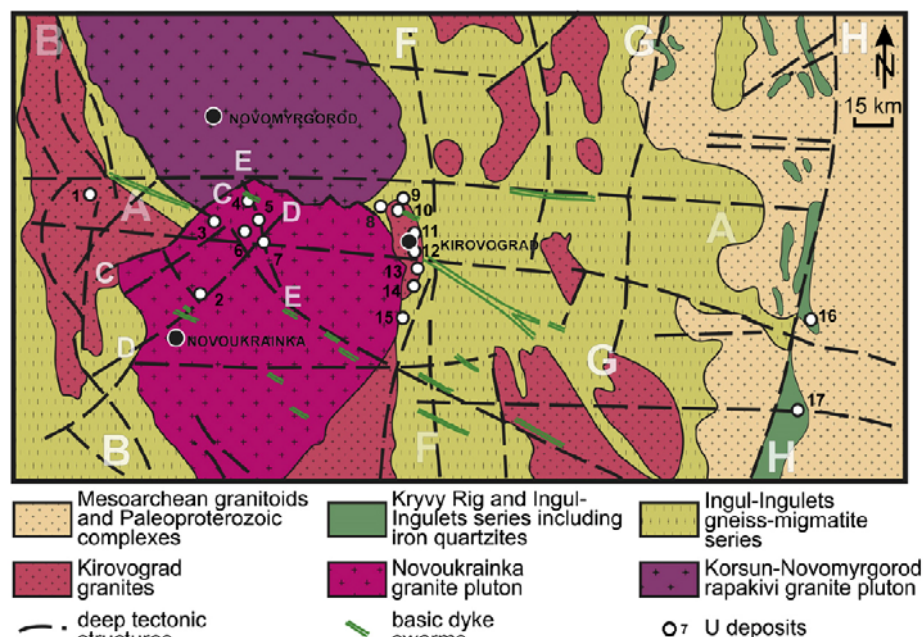




## U-Th Deposits of the Central Ukrainian Uranium Province, 2-6 July 2018

*A field trip to the central part of the Ukrainian Shield* where albitite-type metasomatic U-Th deposits of the Central Ukrainian Uranium Province are located. The trip is scheduled to be conducted immediately after the IAEA International Symposium on Uranium Raw Material for Nuclear Fuel Cycle (URAM-2018) that will be held in Vienna, Austria 25-29 June 2018.

The Central Ukrainian Uranium Province is located in the central part of the Ukrainian Shield and hosts numerous U deposits confined to metasomatic albitite bodies that formed at c. 1800 Ma, coevally with numerous mafic and ultramafic dykes widely distributed in the same area. Some 20 deposits and numerous occurrences are known in that area, with total resources exceeding 300 000 t U. These deposits were the first U deposits of albitite type mined in the world. Average grade of these deposits is rather low and varies from 0.05 to 0.20 wt. % U, but resources are quite large. Several of the deposits were already mined out, whereas four other deposits are being mined now.



Geological scheme of the Central Ukrainian Uranium Province (Cuney et al., 2012)

**Duration:** 5 days, 2-6 July 2018

**Location:** The field trip will start 2<sup>nd</sup> July 2018 in Kyiv, the capital of Ukraine, and will finish 5<sup>th</sup> July in Kyiv. During the trip, we plan to see the core material from several U-Th deposits, mainly of albitite type, to visit several outcrops and quarries in which ore-bearing albitites crop out, and to visit one or two underground mines nearby the city of Kropivnytsky (formerly Kirovohrad).

**Transportation and accommodation:** We plan bus transportation from Kyiv to the Kropivnytsky and Kryvyi Rih areas and between outcrops; the total distance that will be covered during the trip is

c. 1200 km. We shall stay overnight in hotels in Kropivnytsky and Krivyi Rih. Some of the hotels are quite small, so depending on the number of participants, the double hotel rooms will be offered. Single rooms may be available for the additional price.

**Organizers:** M.P. Semenenko Institute of Geochemistry, Mineralogy and Ore Formation; Institute of Geology of the Kyiv Taras Shevchenko National University; and State Company “Kirovgeologiya”.

**Weather conditions and equipment:** Weather during the first week of July in Central Ukraine is usually very calm and pleasant. We expect daytime temperature in about 25 °C and dry sunny weather. It may be quite hot on outcrops and in quarries. However, participants must be prepared to the rain. The field excursion assumes 1 to 2 km walks to the outcrops and some climbing up to the valley slope, so comfortable field footwear is welcome. No other special equipment is required.

We expect that participants will arrive in Kyiv during the weekend, 30 June – 1 July 2018. Kyiv hosts two International airports – Boryspil and Zhulyany. Most of the international airlines are serviced in Boryspil. Kyiv may also be reached by train from many places around Eastern Europe. We expect that most of the participants will arrive at the Boryspil airport. There is a cheap (ca. 3 €) and frequent bus service to the downtown area (central railway station), but please be prepared that many of the Ukrainians, including bus drivers, do not speak English. You may also take a taxi that will cost about 20-25 € depending on your destination in the city. If necessary, we may arrange an appointment in the airport.

We will arrange registration and ice-break party at the M.P. Semenenko Institute of Geochemistry, Mineralogy and Ore Formation late afternoon, July 1. We expect that all participants will arrive in Kyiv no later than late evening, July 1.

#### **Registration and deadlines:**

The registration fee is set to **400 €** and cover field trip guide, ice-break party, transportation, accommodation and meals during the field trip. Registration fee does not cover stay in a hotel in Kyiv.

We ask those, who are interested in this field trip to express their interest before **31 December 2017** by filling in the “interest expression” form (see below).

Second circular will be disseminated in **January, 2018**.

The final registration deadline and payment of the registration fee is set to **February 28, 2018**. The registration deadline is set at so early date because we need enough time to obtain permission for visiting underground mine(s). The later and on-site registration is also possible, but in this case we cannot ensure your access to the mine.

The registration fee must be paid by bank transfer. You will receive the bank details upon sending the registration form.

Please register by filling in the registration form. The registration form must be sent to [Utrip2018@ukr.net](mailto:Utrip2018@ukr.net)

#### **Visa information:**

Citizens of the EU, UK, USA, Canada and some other countries do not require Ukrainian visa. Please, check in the nearest Ukrainian embassy if you need a visa to enter Ukraine. For an official

invitation please send a request to Utrip2018@ukr.net. Please, feel free to contact the same address if you need any further information or have requests.

### **Accommodation in Kyiv:**

Kyiv is an ancient city with more than 1500 years of history, located on the second-largest European river, Dnieper. It is full of sightseeing and attractions for tourists. Some tourist information can be found here: [www.mykiev.info/en](http://www.mykiev.info/en)

There are plenty of hotels and apartments for short-term rent in Kyiv, from very cheap to extremely expensive. Some of the hotels can be found at [www.hotels-kiev.com](http://www.hotels-kiev.com)

You can browse the Internet for more options. Feel free to contact Utrip2018@ukr.net if you need any help.