**Date:** 13.12.2021

**Location:** University of Wrocław, Poland and online.

**Event name:** INQUA-SEQS-2021 international online conference “Quaternary Stratigraphy – palaeoenvironment and humans in Eurasia”

**Event description:** The following Organizations and Institutions took the patronage of the conference: INQUA–SEQS Section on European Quaternary Stratigraphy; INQUA–SACCOM Commission on Stratigraphy and Chronology; INQUA – International Union for Quaternary research; University of Wrocław; Polish Academy of Sciences; Committee for Quaternary Research of the Polish Academy of sciences; Polish Geological Society. The SEQS is a group devoted to the study of the Quaternary Period in Europe, the last 2.6 million years of Earth’s history. This inter-disciplinary group provides a forum for Quaternary scientists to discuss and establish stratigraphical investigations and classification throughout the Eurasian continent, one of the most significant and densely investigated regions of the World.

In general, 90 participants had presented 45 oral presentations and 26 posters. During conference, there was a session devoted to the International Year of Caves and Karst. New data on geomorphology of karst areas, characteristic of the cave deposits and fossils from Far East to Western Europe were reported to the wide audience in nineteen oral and poster talks:

- Brancaleoni Greta, Shnaider Svetlana, Krajcarz Maciej T. Phosphatic features as a hint for tackling human impact to the depositional processes at Obishir-5 site (Kyrgyzstan).
- Cyrek Krzysztof. The relationship between the environment and culture on the example of the Bišnik Cave.
- Fadeeva Tatyana. From the late Pleistocene to the present: changes in the fauna of small mammals in the north of the Middle Urals.
- Fadeeva Tatyana, Gimranov Dmitriy, Kosintsev Pavel. Pleistocene small mammal faunas of the Imanay Cave.
- Fominykh Maria, Usoltseva Alisa, Tiunov Mikhail, Borodin Aleksandr. Taphonomic analysis of Craseomys vole remains from the Late Pleistocene and Holocene cave deposits of the Russian Far East.
- Gusev Alexander, Tiunov Mikhail. New finds of the fossil genus representatives of Tonomochota (Lagomorpha, Ochotonidae) in the Korydornaya Cave (Jewish autonomous region, Far East of Russia).
- Jęcz Witold, Marciszak Adrian. Uncertain taxonomical position of *Vulpes cf. praeglacialis* (Kormos, 1932) from lowermost layers of Bišnik Cave.
- Khantemirov Daniyar, Gimranov Dmitriy, Lavrov Aleksandr. Giant short-faced hyena *Pachyrcrocuta brevirostris* (Carnivora, Hyaenidae) from Lower Pleistocene of Crimea (Taurida Cave).
- Marciszak Adrian, Gorzig Viktoria, Kropczyk Aleksandra. Radochowska Cave (Sudety Mts, SW Poland) – one of the european caves with bear cult?
- Marciszak Adrian, Matyaszczyk Lena. Południowa Cave – first mid-Middle Pleistocene site from Studety Mts (Silesia, SW Poland) and their biostratigraphic significance.
- Novik Anastasia, Shpansky Andrey. Mathematical methods in the study of cave lions in the Pleistocene of the west Siberian Plain.
- Orlińska Dorota, Ratajczak-Skrzatek Urszula, Stefaniak Krzysztof, Mackiewicz Pawel. Morphometric analysis and comparison of molar teeth and their enamel thickness in two bovids, *Bison* and *Bos*, from Polish caves.
- Ospova Eugenia, Danukalova Guzel, Tiunov Mikhail. Late Pleistocene molluscs and small mammals from the Tetyukhinskaya Cave (South Far East, Russia): preliminary results.
- Oszecepalinska Oliwia, Marciszak Adrian, Lipecki Grzegorz. Quaternary remains of Eurasian jaguar Panthera gombaszoegeensis (Kretzoi, 1938) of Poland.
- Ratajczak-Skrzatek Urszula, Ridush Bogdan, Stefaniak Krzysztof, Orlińska Dorota, Popiuk Yana. Quaternary remains of Bovidae Gray, 1821 from cave Emine Bair Khoasar (Crimea).
- Ridush Bogdan, Rekovets Leonid, Popiuk Yana, Ridush Oles, Shavranskyi Vasyl. Martynivka: a new cave site with Late Pleistocene small mammals’ fauna in the middle Dniester area (Ukraine).
- Nvob Mirna, Dominguez-Villar David, Krklec Kristina. Estimation of recharge from karst soil by reservoir cascade scheme model.
- Usoltseva Alisa, Fominykh Maria. Morphotypical and dimensional characters of Craseomys rufocanus molars from the Late Pleistocene-Holocene cave deposits from the Russian Far East.
- Vinokurova Maria, Gusev Aleksandr, Tiunov Mikhail. Space-temporal morphological variation in the samples of first lower molars of reed vole *Alexandromys fortes* (Büchner, 1889) from Primorsky Krai (South of the Russian Far East).
Event report:
Information about conference https://www.inqua-seqs.org/meetings/