**11th Conference Geoecological Problems of the Karkonosze Mountains**

**INTERNATIONAL SCIENTIFIC CONFERENCE**

**KARKONOSZE – OUTSTANDING GEODIVERSITY AND ITS IMPLICATIONS**

**Jelenia Góra – Sobieszów, October 5-7, 2023**

**Conference program**

**04 October 2023 – Wednesday**

Since 17:00 - Arrival at selected hotels, registration of participants

**05 October 2023 –Thursday**

8:30 – 10:00 – Registration of participants

10:00 - 12:30 – Opening ceremony and invited presentations

* P. Migoń - *Geodiversity – why important?*
* C. Kabała - *Spatial diversity of soils in the Karkonosze Mts. State of the art and future challenges*
* H. Marszałek - *Karkonosze waters and sustainable development of the region*
* D. Krause - *Geoconservation in the Krkonoše Mountains National Park*

12:30 - 12:50 – Coffee break

12:50 - 14:55 – **I Presentation session** (presentations and discussion)

* Z. Zwoliński - *Designing a more precise geodiversity assessment standard for geoparks*
* A. Mantovani, V. Lombardo - *Enhancing geodiversity through semantic driven representation of the geosites - case study on Italian and Polish geosites*
* A. Najwer, A. Zielińska-Ligmann, P. Jankowski, Z. Zwoliński - *Geodiversity assessment of Karkonosze Mountains: A modeling approach and interpretation issues*
* A. Michniewicz – *Granite tors of the Karkonosze Mountains – the diversity of landforms and rock control implications*
* D. Krause - *Human as a key geomorphic agent of present: What does it mean for the nature?*

14:55 - 16:30 - Lunch

16:30 - 19:10 – **II Presentation session – “Cartographers Session”** (presentations)

* D. Hanuš, Z. Jała, J. Pačák, D. Wojnarowicz: - *Atlas Karkonoszy | Atlas Krkonoš as an effect of spatial data harmonization in Karkonosze national parks*
* W. Spallek - *Atlas Karkonoszy | Atlas Krkonoš: From the geoportal to the paper atlas - idea and designing*
* J. Potocki - *Socio-economic issues in the Karkonosze Atlas*

20:00 Gala Dinner until late night

**06 October 2023 – Friday**

9:00 – 10:40 – **III Presentation session (presentations and disscussion)**

* K. Krakowski - *Integrated monitoring station in Karkonosze National Park, organization of the measurement system and selected results in the period 2017-2022*
* L. Kupkova, M. Potůčková, L. Červená, J. Lysák, J. Müllerová, S. Březina, Z. Hrázský, C. Hurford - *Towards reliable vegetation monitoring in the relict arcto-alpine tundra of the Krknoše Mts. using UAV multi-temporal data (four years of experience)*
* B. Jasiński, H. Ojrzyńska, M. Błaś - *Spatial patterns of drought episode occurrences across the Sudety Mountains*
* M. Danek, T. Danek, J. Chlapek - *Site conditions matter: Exploring the role of geodiversity and climate change on the future of larch in the Sudetes*
* V. Horáková - *Restoration of drained forests localities in the Krkonoše Mts. National Park*

10:40 - 11:20 – Coffee break + time for preparing Poster Session

11:20 – 13:20 – Poster Session

13:40 – 14:40 **IV Presentation session** **(presentations and discussion)**

* J. Harčarik, A. Čejková - *Interesting facts about the distribution of rare Krkonoše plants - outputs from the project "Monitoring the current distribution of vascular plants in the Krkonoše Mountains”*
* J. Harčarik *- Management of the Mountain pine plantations on the ridges of Krkonoše Mts.*
* K. Mikslová - *Conservation of the Black Grouse (Lyrurus tetrix) in the Krkonoše and Jizera mountains*

14:40 - 16:00 – Lunch

15:50 – 17:10 – **Continuation of the session IV**

* O. Kachalova, J. Houška, J. Červenka - *Large-scale remotely sensed mapping and monitoring of subalpine vegetation in the Jeseniky mountains*
* A. Sikora - *Bumblebees in Karkonosze: findings from citizen science observations*
* P. Petřik, M. Fabšičová - *The changing face of Arctic-Alpine tundra - changes in vegetation over half a century*
* M. Rogowski - *Overtourism in Karkonosze National Park - diagnosis, optimisation, prognosis*

17:30 – 18:00 - Conference summary

**07 October 2023 – Saturday**

9:30 - 14:30 – Thematic **field sessions** (2 route variants to choose from):

1. Szrenica Mt. (arrival by lift) - going to the top of Szrenica (presentation of the meteorological station of Karkonoski National Park), going to Twarożnik Rock, going down to the Pod Łabskim Szczytem Shelter (discussion of water management issues in the context of drought in the entire Karkonosze region), return down. Prowadzący – Prof. C. Kabała

14:30 - 16:00 – Lunch (at the Nature and Education Center in Sobieszów)

16:00 – closing of the Conference, departure of the participants