



9th Conference Geocological Problems of the Krkonoše/Karkonosze Mountains

THE INTERNATIONAL SCIENTIFIC CONFERENCE

**PAST, PRESENT AND FUTURE OF TRANSBOUNDARY
COOPERATION IN RESEARCH AND MANAGEMENT**



Programme of the Conference:

11th October (Tuesday)

16.00 - 20.00 Registration and accommodation of participants

12th October (Wednesday)

8.00 - 11.00 Registration and accommodation of participants

9.00 - 9.30 Opening Ceremony

I. Plenary Session: Cooperation of Parks

9.30 - 10.30 Invited lectures:

J. ŠTURSA, J. POTOCKI: From recent history of mutual collaboration between scientists and conservationists in the Giant Mountains

M. HOŠEK: Cooperation amongst national parks in Central Europe – still challenge?

10.30 - 11.00 Coffee break

11.00 - 11.15 – J. FLOUSEK, : Atlas of breeding birds in the Giant Mts. in 2012-2014

11.15 - 11.30 – ČÍŽEK OLDŘICH AT ALL: Butterflies mapping in the Krkonoše/Karkonosze Mts (2012–2014)

11.30 – 11.40 – Discussion

II. Plenary Session: Abiotic Environment

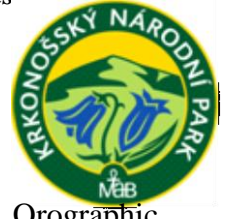
11.40 – 11.55 - P. MIGOŃ, R. KNAPIK: Geoheritage and geosites of the Karkonosze/Krkonoše Mountains – transboundary area of outstanding geoscientific value



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11.55 – 12.10 – M. SOBIK, M. BŁAŚ, K. MIGAŁA, M. GODEK, T. NASIÓLKOWSKI: Orographic deformation of airflow as a factor controlling spatial distribution of air temperature and precipitation in the Karkonosze Mts.

12.10 – 12.25 – C. KABAŁA, O. BOJKO: Changes in soil properties and organic carbon pools in the Karkonosze Mountains expected in relation to climate and changes

12.25 – 12.40 – K. KAJUKAŁO, B. FIAŁKIEWICZ-KOZIEŁ, M. GAŁKA, P. KOŁACZEK, M. LAMENTOWICZ: Abrupt ecological changes in the last 800 years inferred from a mountainous bog using multi-proxy data

12.40 – 12.55 – M. MIERCZYK, B. ZAGAJEWSKI, R. KNAPIK, A. JAROCIŃSKA, K. MEULEMAN: Remote sensing identification of Karkonosze dominant rocks

12.55 – 13.05 - Discussion

13.05 – 14.45 Lunch break

III. Plenary Session: Animals World

15.05 – 15.20 – K. WIŚNIEWSKI: Assessing quality of spider assemblages in mires of the Karkonosze and the Izera Mountains

15.20 – 15.35 – M. KŁONOWSKA - OLEJNIK, A. ŁABĘDZKI, J. MAJECKI: Selected groups of aquatic insects (mayflies, stoneflies, sedge-flies, dragonflies) of the Karkonosze National Park and possibilities of their use in the monitoring of environmental changes

15.35 – 15.50 – M. MARTIŠ: Carabid beetles (Coleoptera, Carabidae) of the West Krkonoše alpine zone during the last five decades period (1969 – 2015)

15.50 – 16.00 - Discussion

16.00 – 16.30 - Coffee break

16.30 - 18.00 - Poster Session



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18.00 - 18.15 Coffee break

18.15 – 19.00 Poster session - continuation

19.45 Dinner

13th September (Thursday)

IV. Plenary Session: Forests and Forestry

9.00 - 9.15 – V. ČADA, P. JANDA, V. TROTSIUK, M. SVOBODA: Age and dynamics of mountain Norway spruce forest

9.15 – 9.30 – J. CEITEL, J. ZIENTARSKI, A. RAJ: Distribution pattern and survival rate and growth of Norway spruces seedlings in the upper mountain forest zone in Giant Mountains

9.30 – 9.45 – B. ZAGAJEWSKI, J. CZOS, A. OCHTYRA, K. ORŁOWSKA, Z. BOCHENEK, A. KŁOS, E. RACZKO, A. JAROCIŃSKA, M. DOBROWOLSKI: Assessment of remote sensing for a Karkonosze tree condition analysis

9.45 – 10.00 – J. HALDA, R. RUSS, J. MATERNA: An assessment of present “biological quality” of forests in the Krkonoše National Park using lichens as bioindicators

10.00 – 10.15 – A. KOWALSKA, P. LECH: Acidification and eutrofication of Karkonosze forests as shown in the results of the forest monitoring

10.15 - 10.45 Coffee break

V. Plenary Session: Plants

10.45 – 11.00 – A. BORATYŃSKI, K. BORATYŃSKA, A.K. JASIŃSKA: *Pinus mugo* from the Giant Mts compared to the populations from other parts of the species geographic range – implication to the conservation



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11.00 – 11.15 – F. KRAHULEC, J. CHRTEK, A. KRAHULCOVÁ: Present state of *Pilosella* (Asteraceae) in the Krkonoše/Karkonoszy Mts.

11.15 – 11.30 – A. DUNAJSKI: Huge dieback of the tall fern community (*Athyrium distentifolii*)

11.30 – 11.45 – W. PUSZ: Plant's health as part of the environmental monitoring on the example of the Karkonosze

11.45 – 12.00 – A. MARCINKOWSKA-OCHTYRA, B. ZAGAJEWSKI, A. OCHTYRA, A. JAROCIŃSKA, B. WOJTUŃ, K. MEULEMAN, CH. ROGASS, CH. MIELKE: Vegetation monitoring using hyperspectral aerial and satellite images

12.00 – 12.10 - Discussion

12.10 - 14.00 Lunch break

VI. Plenary Session: Tourism in Parks,

14.00 - 14.15 – J. ŠTURSA: Management of tourist trails in the Giant Mountains

14.15 – 14.30 – M. SKALKA: How are working nature trails (not) working?

14.30 – 14.45 – M. VÍTKOVÁ, J. MÜLLEROVÁ, J. HUSÁKOVÁ, P. PYŠEK: Vulnerable tundra under the stress from long-term human impact

14.45 – 15.00 – M. ROGOWSKI: Application of the Giant Mountains landscape to transboundary sustainable tourism creating

15.00 – 15.10 - Discussion

15.10 - 15.35 Coffee break

15.35 - 16.35 Discussion, conclusions of the conference

19.00 - Gala dinner

14th September (Friday)

7.30 - 8.30 Breakfast



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8.30 - 16.00 Field session (3 different routes to choose, lunch catering)

16.00 The end of the conference, lunch and departure of participants