

Protected Karst Territories – Monitoring and Management

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Accepted abstracts

Petar Stefanov: Vladimir Popov (1912-1998) - Contributions to the Bulgarian Karstology.- National Institute of Geophysics, Geodesy and Geography – BAS. Bulgaria.

Petar Stefanov, Marina Yordanova, Dilyana Stefanova: proKARSTerra - Bridges to the Future. - National Institute of Geophysics, Geodesy and Geography – BAS. Bulgaria.

Dimitrina Mikhova: Management and conservation of Quasi-national karst park Akiyoshi, Japan. - Yamaguchi University. Japan.

Noboru Sato, Dimitrina Mikhova: Agricultural activities and “green tourism” in the Quasi-national karst park Akiyoshi, Japan. - Yamaguchi University. Japan.

Yoshihisa Nakano: A consideration about the local revitalization with the art of the observatory in a karst plateau Akiyoshi, and a circumference area. - Yamaguchi University. Japan.

Antonín Tůma: Activity Administration of Protected Landscape Area of Moravian Karst (Czech Republic). - Moravian Karst Protected Landscape Area Administration. Czech Republic.

Antonín Tůma: The nature rangers in the Czech Republic. - Moravian Karst Protected Landscape Area Administration. Czech Republic.

Leoš Štefka: The House of Nature of the Protected landscape area Moravský kras (Czech Republic). - Moravian Karst Protected Landscape Area Administration. Czech Republic.

Petr Herman: Insect research, management and popularisation in the Bohemian Karst Protected Landscape Area (Czech Republic). - Bohemian Karst Protected Landscape Area Administration. Czech Republic.

Jaroslav Hromas: Management, protection and care for the show-caves in Czech Republic. - Cave Administration of the Czech Republic. Czech Republic.

Milan Gerš¹, Dana Hanuláková², Barbora Šimečková³: The microbial infestation of aragonite decoration in Zbrasov Aragonite Caves (CR) and it's remediation. - Czech Geological Survey, Brno; ²Microbiological Laboratory IFCOR, ³Cave Administration of the Czech Republic. Czech Republic.

Barbora Šimečková: The Reconstruction of Visiting Route in Zbrašov Aragonite Caves (Czech Republic). - Cave Administration of the Czech Republic. Czech Republic.

Barbora Šimečková: Tradition of visual arts in Zbrašov Aragonite Caves (Czech Republic). - Cave Administration of the Czech Republic. Czech Republic.

Romeo Eftimi: Environmental Impact of Unusual Lowering of Prespa Lake Level. - ITA Consult. Albania.

Bruno Daniel Lenhare¹, William Sallun Filho^{1,2}: Karst studies as a subsidy for occupation and mining activities at Intervales State Park (PEI) and surroundings region. - ¹Geosciences Institute, University of São Paulo, Brazil; ²Geological Institute, State of São Paulo Environment Bureau, Brazil.

Dimitar Vladev, Rossitza Lazarova: Geomorphology of the Shumen plateau. -“Episkop Konstantin Presslavski” University of Shumen. Bulgaria.

Velimira Stoyanova: Landscapes in the downstream of the river Vrana. - National Institute of Geophysics, Geodesy and Geography – BAS. Bulgaria.

Georgi Maystorski. Kireka - a religious complex on Madara Karst, Bulgaria. Regional Historical Museum – Shumen, Bulgaria. Bulgaria.

Marin Nikolov: The tourist route “Rock churches” – contribution to the development of alternative tourism in the National park “Shumen Plateau”. - Directorate of Natural park “Shumensko plateau”. Bulgaria.

Nino Ninov¹, Peter Stefanov²: Morphological properties and specific functions of the soil and soil cover in related to development of the karst monitoring (The Nature Reserve "Shumensko Plateau" Case Study) - ¹Institute of Soil research “N. Pushkarov”; ²National Institute of Geophysics, Geodesy and Geography – BAS. Bulgaria.

Petar Stefanov: Karst geosystems in the Shumen plateau. - National Institute of Geophysics, Geodesy and Geography – BAS. Bulgaria.

Romeo Eftimi: Environmental Isotope and Hydrochemical Tracer Methods Used to Characterise the Karst Water (with examples from Albania). - ITA Consult. Albania.

Helena Vysoká¹, Jiří Bruthans^{1,2}, Jiří Kamas¹, Milan Jež³: Flow and mean residence time in karst unsaturated zone (Ochoz Cave, Moravian Karst, Czech Republic). - ¹Institute of Hydrogeology, Engineering Geology and Applied Geophysics, Faculty of Science, Charles University in Prague; ²Czech Geological Survey, Prague; ³Marie Hübnerové 36, Brno. Czech Republic.

Phil Hobbs¹, Peter Mills²: Managing the Threats to the Karst Water Resources of the Cradle of Humankind World Heritage Site, South Africa. - ¹Council for Scientific and Industrial Research (CSIR); ²Cradle of Humankind World Heritage Site Management Authority (COH WHS MA). South Africa.

Ahmad Afrasiabian, Shirmohammed M.Ardalan: Protection of karst ground water in arid and semi-arid zones in Iran. - Founde of Iran Karst Research Center. Iran.

M. Janparvar¹, E. Raeisi², M. Zare²: The leakage Potential of Kuhrang III Tunnel during Excavation, Iran - Hydrogeological Approach - ¹TOOSSAB Consulting Engineers, Department of Water Resources; ²Department of Earth Science, College of Science, Shiraz, Iran.

G. Medunić¹, Cindrić I. Juranović², N. Pivčević¹, Š. Kampić¹, E. Prohić¹, G. Goreta³, A. Čobić¹: Chemical and textural composition of the Krka River tufa deposits from the Dinaric Karst region of Croatia. - ¹Institute of Mineralogy and Petrography, Faculty of Science, University of Zagreb; ²Laboratory of Analytical Chemistry, Faculty of Science, University of Zagreb, ³Krka National Park, National Institute. Croatia.

K. Papadopoulou-Vrynioti, I. Fountoulis, I. Mitsis: The development of the karstic landforms in the neogene formations in Messinia (S. Greece). - Faculty of Geology and Geoenvironmental, National and Kapodistrian University of Athens. Greece.

E. Mitsul, G. Syrodoev: Conditions for development of karst and karst forms in Moldova. Institute of Ecology and Geography, Academy of Sciences, Moldova.

Alexei Stoev, Penka Stoeva: Influence of the solar activity on structural components of Karst and caves. - Space Research and Technology Institute – BAS. Bulgaria.

Josef Stemberk, Miloš Briestenský: The monitoring of active fault displacements within selected caves across Central Europe. - Institute of Rock Structure and Mechanics, Academy of Sciences of the Czech Republic. Czech Republic.

Nikolai Dobrev, Konstantin Kostov: In-situ monitoring of cracks at western periphery of Madara Plateau at vicinity of the historical rock bas-relief. - Geological Institute – BAS. Bulgaria.

Alexei Stoev¹, Penka Stoeva¹, Peter Stefanov²: Microclimate of Karst geosystems – research methodology during integrated monitoring. - ¹Space Research and Technology Institute – BAS; ²National Institute of Geophysics, Geodesy and Geography – BAS. Bulgaria.

Jiří Hebelka: Determining the dependence of cave microclimate on external climatic conditions in show caves of the Moravian Karst. - Cave Administration of the Czech Republic. Czech Republic.

Marina Yordanova, Petar Stefanov: Water monitoring in karst geosystems. - National Institute of Geophysics, Geodesy and Geography – BAS. Bulgaria.

Nino Ninov: Soil monitoring on the protected karst territories in Bulgaria. - Institute of Soil research “N.Pushkarov”. Bulgaria.

Karel Turek¹, Petar Stefanov², Ivo Světlík¹: Radon in caves; trial measurement in Bulgaria. - ¹Nuclear Physics Institute, Dept. of Radiation Dosimetry; ²National Institute of Geophysics, Geodesy and Geography – BAS. Czech Republic, Bulgaria.

Ivo Svetlik, Karel Turek, Lenka Tomaskova: Application of radiocarbon dating for karst research purposes: its possibilities and limitations. - Nuclear Physics Institute AS CR, Dept. of Radiation Dosimetry. Czech Republic.

Dilyana Stefanova. Results from the testing of an experimental model of socio-economic monitoring of models protected karst territories in Bulgaria and the Czech Republic. - National Institute of Geophysics, Geodesy and Geography – BAS. Bulgaria.

Marina Yordanova, Dilyana Stefanova, Petar Stefanov: Basic terms for compiling a methodology for experimental integrated monitoring of protected karst territories - National Institute of Geophysics, Geodesy and Geography – BAS. Bulgaria.

Petar Stefanov: Model of complex monitoring of karst geosystem Zandana in the Nature Park "Shumen Plateau" (Bulgaria). - National Institute of Geophysics, Geodesy and Geography – BAS. Bulgaria.

Olga Suldoovská, Ivan Balák: The Unified Database of Speleological Objects of the Czech Republic as Part of Nature Conservancy Information System. - Nature Conservation Agency of the Czech republic. Czech Republic.

Kyriaki Papadopoulou-Vrynioti, George Bathrellos, Hariklia Skilodimou: The development of karstic landforms based on geological-geomorphological parameters. A statistical approach using GIS. - Department of Geography-Climatology, Faculty of Geology and Geoenvironment, National and Kapodistrian University of Athens. Greece.

František Kuda¹, Jan Divíšek², Karel Kirchner²: Terrestrial laser scanning: a dataframe for multiple research in a pseudokarst area, case study of the Locality Ledové sluje (Ice Caves) in the Podyjí National Park, Czech Republic. - ¹Department of Geography, Faculty of Science, Masaryk University; ²Institute of Geonics, Academy of Sciences of the Czech Republic. Czech Republic.

Jan Flek: The System of Specialized Documentation (The Document Code) of the Cave Administration of the Czech Republic. - Cave Administration of the Czech Republic. Czech Republic.

Jan Flek: The caves on the postcards from the archive of the Cave Administration of the Czech Republic. Cave Administration of the Czech Republic. Czech Republic.

Vratislav Ouhřabka: Formation of the map documentation in Cave Administration of the Czech Republic. - Cave Administration of the Czech Republic. Czech Republic.

Vratislav Ouhřabka: The documentation of scree caves in Teplice rocks (Czech Republic). - Cave Administration of the Czech Republic. Czech Republic.

Dilyana Stefanova: Experimental models for the collection of systematic information for the socio-economic monitoring as part of the information infrastructure of protected karst territories. - National Institute of Geophysics, Geodesy and Geography – BAS. Bulgaria.

Daniela Borisova¹, Dilyana Stefanova², Petar Stefanov². A framework of data management in e-network „proKARSTerra”. – ¹Institute of Information and Communication Technologies – BAS; ²National Institute of Geophysics, Geodesy and Geography – BAS. Bulgaria.

Alexei Stoev¹, Penka Stoeva¹, Mina Spassova²: Karst phenomena in the historical development of human civilization. - ¹Space Research and Technology Institute – BAS; ²Institute for the Study of Societies and Knowledge - BAS. Bulgaria.

Nadezhda Ilieva: Karst in the Bulgarian school education: state, problems and perspectives. - National Institute of Geophysics, Geodesy and Geography – BAS. Bulgaria.

Petar Stefanov¹, Dimitrina Mikhova²: An example of the active presence of karst in Bulgarian geography textbook. - ¹National Institute of Geophysics, Geodesy and Geography – BAS; ²Yamaguchi University. Bulgaria, Japan.

Yoshihisa Nakano, Masahiko Iwamoto: A consideration about the picture of Japanese children on the theme of Karst plateau Akiyoshi (Japan). - Yamaguchi University. Japan.

Reneta Valkova: Communicative approach in English language teaching about karst". - 137 Secondary school “Angel Kanchev”, Sofia, Bulgaria.

Petar Stefanov: Education and karst - some conclusions from the competitions „Karst under protection – gift for the future generations“ (2005, 2012). - National Institute of Geophysics, Geodesy and Geography – BAS. Bulgaria.

Dilyana Stefanova¹, Petar Stefanov¹, Dimitrina Mikhova²: Conceptual scientific and educational model for Karst ("proKARSTerra-education"). - ¹National Institute of Geophysics, Geodesy and Geography – BAS; ²Yamaguchi University, Japan. Bulgaria, Japan.