



INTERNATIONAL GEOSCIENCE PROGRAMME (IGCP)

Geosciences in the Service of Society

Bulgarian National IGCP Committee

ANNUAL REPORT

IGCP activities in Bulgaria in 2016

BULGARIAN NATIONAL IGCP COMMITTEE

Chairman: Professor Daria K. Ivanova, PhD

Geological Institute, Bulgarian Academy of Sciences

Acad. G. Boncev Str. Bl. 24

1113 Sofia Bulgaria

Fax: (00359) 2 979 2205

E-mails: dariaiv@geology.bas.bg; dariaiv@yahoo.com

Secretary: Assoc. Prof. Valeri Sachanski, PhD

University of Mining and Geology "St. Ivan Rilski"

Prof. Boyan Kamenov Str.

1700 Sofia, Bulgaria

E-mail: v_sachanski@geology.bas.bg

Members:

Assoc. Prof. Dr Iliana Boncheva – Geological Institute, BAS

Assoc. Prof. Dr Polina Pavlishina – Sofia University "St. Kliment Ohridski"

Assoc. Prof. Dr Rositsa Ivanova – Geological Institute, BAS

BULGARIAN PARTICIPATION IN ONGOING IGCP PROJECTS

1. PROJECTS WITH BULGARIAN CO-LEADER

A) Project 596: Climate change and biodiversity patterns in the mid-Paleozoic (2011-2015)

Co-leader: Iliana Boncheva – Geological Institute, BAS

Bulgarian Working Group: Iliana Boncheva, Valeri Sachaski – Geological Institute, BAS

Publications:

Königshof, P., Carmichael, S., Waters, J., Jansen, U., Bahrami, A., **Boncheva, I.** & Yazdi, M. **2016.** Paleoenvironmental study of the Paleotethys Ocean: The Givetian/Frasnian boundary of a shallow-marine environment using combined facies analysis and geochemistry (Zefreh Section/Central Iran). *Palaeobiodiversity and Palaeoenvironments*

<http://link.springer.com/journal/12549>. IF 1,32

Ernst, A., Königshof, P., Bahrami, A., Yazdi, M., Boncheva, I. 2016. A Late Devonian (Frasnian) bryozoan fauna from the Central Iran. *Palaeobiodiversity and Palaeoenvironments* (in press)

2. PROJECTS WITH ACTIVE BULGARIAN WORKING GROUPS

B) Project 609: Climate-environmental deteriorations during greenhouse phases: Causes and consequences of short-term Cretaceous sea-level changes

Bulgarian Working Group: Kristalina Stoykova, Iskra Lakova, Daria Ivanova, Silvija Petrova – Geological Institute, BAS; Marin Ivanov, Polina Pavlishina – Sofia University “St. Kliment Ohridski”

Publications:

Grabowski, J., Lakova, I., Petrova, S., Stoykova, K., **Ivanova, D.**, Wójcik-Tabol, P., Sobień, K., Schnabl, P. 2016. Paleomagnetism and integrated stratigraphy of the Upper Berriasian hemipelagic succession in the Barlya section Western Balkan, Bulgaria: Implications for lithogenic input and paleoredox variations, *Palaeogeography, Palaeoclimatology, Palaeoecology* (2016),

doi: [10.1016/j.palaeo.2016.08.018](https://doi.org/10.1016/j.palaeo.2016.08.018)

Pavlishina, P. 2017. Palynostratigraphy and palaeoenvironments around the Albian-Cenomanian boundary interval (OAE1d), North Bulgaria. *Science China Earth Sciences*, 60, 1, 71-79.

Sofia, 23 January 2017

Bulgarian National IGCP Committee

Chairman: *Dr D. K. Ivanova*

Secretary: *Dr. V. V. Sachanski*