

## 2017 Brief Reporting Template for IUGS Adhering Organizations/National Committees\*

<b>Country/Region</b>	<i>Slovakia</i>
Name IUGS Adhering Organization	<i>National Geological Committee of Slovak Republic</i>
Primary contact last/family name	<i>Michalík</i>
Primary contact first/given name	<i>Jozef</i>
Primary contact Email	<a href="mailto:geolmich@savba.sk">geolmich@savba.sk</a>
If existing, name National Ctte/group appointed to deal with IUGS Matters	
NC primary contact last/family name	
NC primary contact first/given name	
NC primary contact Email	
Number of people in IUGS NC or group appointed to deal with IUGS matters	
Number of meetings of group held during the year on IUGS matters	
If existing, provide url of webpage dedicated to reporting on IUGS activities	<a href="http://geol.sav.sk/komitet">http://geol.sav.sk/komitet</a>

### Activities

<b>If known, your country's/region's participation and/or organization of symposium, meetings etc. of IUGS Commissions, Committees, Task Groups or Joint Programs/Initiatives or other IUGS activities <a href="http://www.iugs.org">www.iugs.org</a></b>			
Activity name	People Involved	City, Country	Date (yyyy. mm.dd)
10th IWAF International Conference, Smolenice	J. Michalík, M. Golej, D. Reháková, O. Lintnerová, J. Soták, V. Šimo, J. Schlögl, A. Tomášových, K. Fekete, Z. Pulišová, S. Antolíková, D. Starek, V. Šimo, J. Šurka, M. Vďačný	Smolenice, Slovakia	2017, April 19th to 23rd
18. Polish – Czech - Slovak Palaeontological Conference	J. Michalík, D. Reháková, O. Lintnerová	Stará Lesná, Slovakia	2017, June 12-13th
10th ISC (International Symposium on the Cretaceous) IGCP 609 Vienna - pre-Conference fieldtrip	J. Michalík, D. Reháková	Slovakia	2017, August 19th
13 <sup>th</sup> Workshop on Alpine Geological Studies “Alpshop 2017”	M. Kohút, D. Plašienka, Putiš M., Spišiak J., Ivan P., Méres Š., Vojtko R., Ružička P.	Zlatibor Mts, Serbia	2017, September 7 <sup>th</sup> to 18 <sup>th</sup>

### Other Major initiatives currently underway in your country/region related to IUGS (see [www.iugs.org](http://www.iugs.org))

Activity name	City	Date	url with more info
Open Geological Congress of Slovak and Czech Geological Societies in the High Tatras Mts	Stará Lesná	2017, June 14th to 17th	<a href="http://www.geologickaspolocnost.sk/media/files/MEM-ZBORNIK-WEB-2017.pdf">http://www.geologickaspolocnost.sk/media/files/MEM-ZBORNIK-WEB-2017.pdf</a>

### List activities/achievements reported or to be reported in Episodes and/or in the IUGS website.

Activity name/Achievement	Date (yyyy.mm.dd)	Ur l with more information (if existing)
10th International Workshop on Agglutinated Foraminifera (IWAF), Smolenice, Slovakia (report)	2017, April 19th to 23rd	

### General Comments

Activities related to the next International Geological Congress (es)	
Suggestions for improving interaction between your organization and the IUGS EC	
Suggestions for improvement of IUGS activities	
Additional comments	

### Other

Name e-mail of person preparing the report	<a href="mailto:geolmich@savba.sk">geolmich@savba.sk</a>
Attach logo for profiling activities of your country in IUGS material	

Forthcoming events, to be organized or supported by the Committee (as above);

Training facilities available in connection with the Programme;

# 2017 Brief Reporting Template for IUGS Adhering Organizations/National Committees\*

\*Annual Report 2016:

UNESCO/IGCP No. 609

Short title of project: CRETACEOUS SEA-LEVEL CHANGES

Full title of project: "CLIMATE-ENVIRONMENTAL DETERIORATIONS DURING GREENHOUSE PHASES: CAUSES AND CONSEQUENCES OF SHORT-TERM CRETACEOUS SEA-LEVEL CHANGES"

2013-2017 (2017)

## International leaders:

Prof. Dr. **Michael Wagreich** (Vienna, Austria), Prof. Dr. **Xiumian Hu** (Nanjing, PR China), Prof. Dr. **M. Julleh Jalalur Rahman** (Dhaka, Bangladesh), Prof. Dr. **Silke Voigt** (Frankfurt am Main, Germany), Assoc. Prof. Dr. **İsmail Ömer Yılmaz** (Ankara, Turkey), Assoc. Prof. Dr. **Svetlana Zorina** (Kazan, Russia)

## Leader of the Slovak National Working Group:

**Jozef MICHALÍK** – Institute of Earth Science, Div. Geology, Slovak Academy of Sciences, Bratislava, Dúbravská cesta, Slovakia; tel.: +4212 5477 3961, fax +4212 5477 7097, e-mail: [geolmich@savba.sk](mailto:geolmich@savba.sk); [jozef.michalik@savba.sk](mailto:jozef.michalik@savba.sk)

**Members of the national working group:** Daniela BOOROVÁ, Oľfia LINTNEROVÁ, Silvia ANTOLÍKOVÁ, Daniela REHÁKOVÁ, Ján SOTÁK, Ján SCHLÖGL, Vladimír ŠIMO

**Activities in 2017:** Jurassica XIII, June 19-24th, Zakopane, High Tatra Mts., Cretaceous Congress, Vienna, August 19th- 25th

**IGCP meetings planned for the following year** (home and abroad):

## Publications:

- Elbra Tiiu, Schnabl P., Čížková K., Pruner P., Kdýr Š., Grabowski J., Reháková D., Svobodová A., Frau C., Wimbledon W. A. P., 2017: Palaeo- and rock-magnetic investigations across Jurassic-Cretaceous boundary at St Bertrand's Spring, Drôme, France: applications to magnetostratigraphy.- Stud. Geophys. Geod., 62 (in print), doi: 10.1007/s11200-016-8119-5
- Fekete K., Soták J., Boorová D., Lintnerová O., Michalík J., Grabowski J., 2017: An Albian demise of the carbonate platform in the Manín Unit (Western Carpathians, Slovakia). *Geologica Carpathica* 68, 5., 385–402. doi: 10.1515/geoca-2017-0026 [www.geologicacarpatica.com](http://www.geologicacarpatica.com)
- Lakova I., Petrova S., Andreeva P., Metodiev L., Reháková D., Michalík J., 2017: Notes on the Stratigraphy and Microfacies of Tithonian and Berriasian carbonate sequence around Dragovishtitsa village (western Srednogorie, Bulgaria). *Comptes rendus de l'Académie Bulgare des Sciences, Geologie, Stratigraphie et Sedimentologie* 70, 10., 1429-1436.
- Michalík J., Reháková D., Plašienka D., Aubrecht R., 2017: Field Trip PRE-2: Lower to Mid-Cretaceous of the Western Carpathians, Slovakia – Cretaceous sediments in the western part of the Central Carpathians. *Berichte der Geolog. Bundesanstalt* 121., 59-80.
- Petrova S., Andreeva, P., Metodiev L., Reháková D., Michalík J., Lakova I., 2017: Calpionellid biostratigraphy and microfacies analysis of a Tithonian – Berriasian carbonate succession in the Western Srednogorie (Bulgaria). *Geologica Balcanica* 46,1., 65-92.
- Soták J., Kamiński M. A., Fekete K., Kowal-Kasprzyk J. (eds.): 2017: Tenth International Workshop on Agglutinated Foraminifera, Smolenice, Slovakia 2017. Grzybowski Foundation Spec. Public. 23., 1-99.
- Vašíček Z., Reháková D., Skupien P., 2017: Some perisphinctoid ammonites of the Štramberg Limestone and their dating with associated microfossils (Tithonian to Lower Berriasian, Outer Western Carpathians, Czech Republic). *Geologica Carpathica* 68, 6, 583–605 doi: 10.1515/geoca-2017-0038 [www.geologicacarpatica.com](http://www.geologicacarpatica.com)

## Abstracts:

- Lintnerová O., Michalík J., Soták J., 2017: Geochemical indicators in the integrated stratigraphic investigation of regional stratotypes.- Open Geological Congress of the Slovak Geological Society and the Czech Geological Society, High Tatra Mts 2017. *Mente et Malleo* 2017., 99 (in Slovak).
- Michalík J., 2017: Travel to the Jehol Land – a mysterious world of feathered dragons (a geological voyage to the China – part 1). *Mente et Malleo – Newsletter of the Slovak Geol. Soc.* 2,1., 3-9 (in Slovak).

## 2017 Brief Reporting Template for IUGS Adhering Organizations/National Committees\*

- Michalík J., 2017: Geological record of cosmic impacts on terrestrial processes.- 6th International Symposium of the International Geoscience Programme (IGCP) Abstr., Krakow September 29th – October 5th, 2017, 30-31.
- Michalík J., Boorová D., Lintnerová O., Fekete K., Soták J., 2017: Resedimented Cretaceous platform material in the Maňín Unit, Western Carpathians.- *Berichte der Geol. Bundesanstalt* 120., 183.
- Michalík J., Bak M., Lintnerová O., 2017: Sedimentology, biostratigraphy and geochemistry of Middle Jurassic strata in the Strážovce section (Strážovské vrchy Mts), Krížna Nappe of the Central Carpathians, Slovakia.- *Jurassica XIII. Jurassic geology of Tatra Mts. Abstract and Fieldtrip Guidebook, Košcielisko 2017.*, 52-54.
- Michalík J., Bak M., Lintnerová O., Méres Š., 2017: Middle Jurassic sediments of the Krížna Nappe in Central Western Carpathians: The biostratigraphy, geochemistry and sedimentology of the Strážovce section (Strážov Upland). *Mente et Malleo* 2017, 2., 62 (in Slovak).
- Reháková D., Michalík J., Lakova I., Petrova S., López-Martinez R., 2017: Malformations of calpionellid loricas recorded in Upper Jurassic and Lower Cretaceous pelagic carbonates of the Western Carpathians, Western Balkan, Mexico and Cuba – a tool for paleoenvironmental interpretations. *Geoph. Res. Abstr.* 19, EGU 17., p. 12256.
- Reháková D., Michalík J., Lintnerová O., 2017: Sedimentological and biological changes at the Jurassic-Cretaceous transition (West Carpathian JK boundary type-section area). *Bericht der Geolog. Bundesanstalt* 120., 225.
- Soták J., Fekete K., Ozdínová S., 2017: How agglutinated foraminifera survived in pelagic realm of the Western Carpathian basins: Late Cretaceous – Paleogene events and environmental proxies.- Tenth International Workshop on Agglutinated Foraminifera, Smolenice, Slovakia 2017. *Grzybowski Foundation Spec. Publ.* 23., 78-79.
- Wimbledon W.A.P., Reháková D., Halášová E., Lintnerová E., Michalík J., Pruner P., Schnabl P., Čížková K., Košťák M., Svobodová A., Bulot L.G., Frau C., Bakhmutov V., Grabowski J., Wierzbowski A., Pszczółkowski A., Leanza H., Riccardi A., Vennari V., Aguirre-Uretta B., Tchoumatchenko P., Stoykova K., Ivanova D., Sha J., Gang Li, Meizhen C., Li J., Wan X., Riding J., Hunt C., Rawson P., Copestake P., Arnaud Vanneau A.M., Jaza Mohialdeen I., Andreini G., Parisi G., Speranza F., Satolli S., Lopez Martinez R., Barragan R., Benzaggagh M., Verreussel R., Munsterman D., Hoedemaeker P., Vajda V., Erba E., Casellato C., Bowen P., Pandey P., Főzy I., Bardhan S., Mojon P.O., Sames B., Lakova I., Ivanov M., Poulton T.P., Galloway J., Haggart J.W., Davies E.H., Alsen P., Piasecki S., Gardin S., Galbrun B., Ogg J., Lucas-Clark J., Pujana I., Yondon K., Oloriz F.: The Tithonian/Berriasian stage boundary and the base of the Cretaceous System. 10th Internat. Symp. on the Cretaceous Abstr., Vienna 2017, August 19-24, *Berichte Geol. Bundesanst.* 1209., 290.

### Annual Report 2016:

UNESCO/IGCP No. 632

Short title of project: [CONTINENTAL CRISES OF THE JURASSIC](#)

Full title of project: [MAJOR EXTINCTION EVENTS AND ENVIRONMENTAL CHANGES WITHIN LACUSTRINE ECOSYSTEMS](#)

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2014-2018 (2017)

#### International leaders:

Jingeng SHA (China), Vivi VAJDA (Sweden), Paul OLSEN (USA), Emma Sammel MSAKY (Tanzania), Mohammed ET-TOUHAMI (Morocco), Olena SHEVCHUK (Ukraine), Hamish CAMPBELL (New Zealand), Wolfram M. Kürschner (Norway).

#### Leader of the Slovak National Working Group:

**Jozef MICHALÍK** – Institute of Earth Science, Div. Geology, Slovak Academy of Sciences, Bratislava, Dúbravská cesta, Slovakia; tel.: +4212 5477 3961, fax +4212 5477 7097, e-mail: [geolmich@savba.sk](mailto:geolmich@savba.sk); [jozef.michalik@savba.sk](mailto:jozef.michalik@savba.sk)

**Members of the national working group:** Marián GOLEJ, Oľga LINTNEROVÁ, Daniela REHÁKOVÁ, Ján SOTÁK, Vladimír ŠIMO, Ján SCHLÖGL, Adam TOMÁŠOVÝCH

**Activities in 2017:** Jurassica XIII, June 19-24th, Zakopane, High Tatra Mts.

**IGCP meetings planned for the following year** (home and abroad):

#### Publications:

Gaál E., Michalík J., 2017: Middle Triassic limestones in the Okno Cave (Demänová Valley, Low Tatra Mts): The lithology and facies types.- *Slovenský Kras - Acta Carsologica Slovaca* 55,2., 199 – 208 (in Slovak).

Michalík J., 2017: Guide to Palaeontological Fieldtrip. For - Conference fieldtrip A – 14. 6. 2017.- Open Geological Congress of the Slovak Geological Society and the Czech Geological Society, High Tatra Mts 2017. *Mente et Malleo* 2017., 112-125 (in Slovak).

## 2017 Brief Reporting Template for IUGS Adhering Organizations/National Committees\*

Michalík J., Bağ M., Lintnerová O., Méres Š., 2017: Biostratigraphy, geochemistry and sedimentology of Middle Jurassic strata in the Strážovce section (Strážovské vrchy Mts), Križna Nappe of the Central Carpathians, Slovakia.- *Volumina Jurassica* (in print).

### Abstracts:

Michalík J., 2017: Mesozoic sediments in the Tatra Mts. Open Geological Congress of the Slovak Geological Society and the Czech Geological Society, High Tatra Mts 2017. *Mente et Malleo* 2017., 101-102 (in Slovak).

Michalík J., Lintnerová O., Onoue T., 2017: Record of Triassic/Jurassic Boundary environmental change in West Carpathian sections.- *Jurassica XIII. Jurassic geology of Tatra Mts. Abstract and Fieldtrip Guidebook, Kościelisko 2017.*, 50-51.

Michalík J., Soták J., 2017: Rapid uppermost Triassic colonization of the Zliechov Basin (Western Carpathians) by benthic marine ecosystems: foraminiferal responses to eustatic and climatic changes. Tenth International Workshop on Agglutinated Foraminifera, Smolenice, Slovakia 2017. *Grzybowski Foundation Spec. Publ.* 23., 63-64.

Šimo V., Ozdínová S., 2017: Giant Bathysiphon – significant microfacies feature of Lower Jurassic bioturbated marly limestone (Fleckenmergel/Fleckenkalk) of the Western Carpathians.- Tenth International Workshop on Agglutinated Foraminifera, Smolenice, Slovakia 2017. *Grzybowski Foundation Spec. Publ.* 23., 84-85.

Forthcoming events, to be organized or supported by the Committee (as above);

Training facilities available in connection with the Programme;

If the Adhering Organization has established a National Committee, it is preferable that this group reports.