



# IAG Highlights

International Association of Geomorphologists IAG

## Summary of the IAG EC Meeting Minutes, held on the 11-12th of April 2018, Vienna Austria.

On Wednesday-Thursday, April 11-12, 2018, during the General Assembly of the European Geosciences Union, the second meeting of the Executive Committee 2017-2021 of the International Association of Geomorphologists (IAG) was organized. Detailed reports were submitted by the EC members on their specific portfolio. The constitutional update, IAG Alumni, NSMs contacts and new invitations, and organization of future regional conferences were discussed. The most important issue, taking into account its short- to long-term implications, is the finalization of the IAG's legal status. Following different actions taken and inquiries which have been made, and based on the evaluation of the requirements (including financial implications) from different countries, the solution offered by Spain (FELIU N&I) proved to be the most suitable in terms of timing and feed-back quality. In order to advance in this direction, several procedures were suggested, highlighting the necessity to update the content of the IAG Constitution.

## Decisions

**1. National Scientific Members:** A Council Meeting will be organized during the RC in Greece. The request of WAQUA (West African Quaternary Research Association) was approved, and the NSM will hold one vote. The new NSM member will be proposed to the Council for approval in Athens, in 2019. The constitution of the *Costa Rican Association of Geomorphologists* (President: Adolfo Quesada Roman) was approved and the new NSM will be proposed to the Council for approval in Athens, in 2019. A yearly report of the NSM to the IAG Secretariat upon approval is requested. The fee for Iran was proposed at 300 EUR/year; this issue will be proposed to the Council for approval in Athens, in 2019. In case of NSMs with gaps in the yearly payments, the procedure of bringing them up to date will start from the level of the year 2018.

**2. Communication, co-operation and outreach:** Allan James (University of South Carolina, Columbia, USA) and Andrea Coronato ("CADIC-CONICET", Austral Center for Scientific Research, Ushuaia, Argentina) were approved as new Co-opted members, making thus the EC of the IAG complete. The "1-4" issue of the Newsletter 2017 will be the last following the former layout, and two new formats will be prepared: "IAG Highlights" (short, every 3-6 months, posted on the IAG website) and "IAG records and archives" (all information; reported annually: minutes, WGs reports, etc; to be sent to the NSM's).

**3. Working Groups:** The 2017-2021 activity of three new WGs is approved:

- IGU-IAG Commission/Working Group: 'Geomorphology and Society: Past, Present and Future' Both IAG and IGU earlier groups will participate: Margreth Keiler (Switzerland).
- Denudation and Environmental Changes in Different Morphoclimatic Zones (DENUCHANGE): Achim BEYLICH (Norway).
- Advancing theory and modeling of river systems: Heqing Huang (China), Paul Carling (UK), Ian Rutherford (Australia).

Each new WG will receive the money for the first year of activity, and then if the yearly activity report is sent, they will receive it annually. The proposed new Working Group on *Connectivity in Geomorphology* has principally been approved by the IAG EC, but the proposer will be asked to send a detailed outline of the proposal.

**4. Training Programme:** Two grants (500 EUR each) for young geomorphologists from Latin America (outside Argentina) were approved, for the *Congress of the Argentine Association of Geomorphology and Quaternary Studies*. Two grants (300 EUR each) were approved for the BSG Post-Graduate Training Workshop in Windsor (2018), for PhD Students from Europe (outside UK). Auspices of IAG (without financial involvement) were granted to the Annual Meeting of the German Young Geomorphologist, 2018, the Third Annual Meeting of the IGCP Project 639 "Sea Level Change from Minutes to Millennia" and the 8th International Conference on UNESCO Global Geoparks, both to be held in 2018. The sum of 2,000 EUR will be allocated to the 2019 International Meeting of Young Geomorphologists, Germany.

**5. Legal status and Constitution:** Request of clarifications will be sent, in order to enquire about the need of IAG to have or not its Constitution approved by IGU and IUGS.

**6. IAG Conferences:** During RC and IC, reduced registration fees will be made available to students (BSc, MSc, PhD), retired and honorary fellows of IAG, national delegates of NSMs with annual subscription fees up-to-date.

## Next IAG Regional and International Conferences

- 2019: IAG Regional Conference "Geomorphology of Climate and tectonically sensitive areas", 19-21 September, Athens, Greece. More information [www.rgc2019.com](http://www.rgc2019.com).
- 2020: IAG Regional Conference will take place in Mashhad, in Iran
- 2021: IAG International Conference in Portugal (Coimbra): it will take place during mid September 2021, the first announcement will be launched in September 2018.

## Editorial

The first semester of 2018 the "IAG Highlights" aims primarily to inform IAG members and to keep them up to date with the latest events and evolution in science and research, in the field of geomorphology, including earth and planetary sciences. The "IAG highlights" are published on a recurring basis to keep the members in the loop and to promote the new approaches in geomorphology, encouraging the young geomorphologists to participate actively and to highlight and advertise its member's activities (conferences, workshop, summer schools). For each subject presented there is a link for more details and information. Your contributions should be forwarded to the IAG Publications Officer: [kosmas.pavlopoulos@psuad.ac.edu](mailto:kosmas.pavlopoulos@psuad.ac.edu).



### Last Awarded Grants

The International Association of Geomorphologists offered **2 grants of 500 euros** to favour the participation of Young Geomorphologists (under 35 years old) from Latin America but not mainly based in Argentina in the **7º Congreso Argentino de Cuaternario y Geomorfología, "Geocuar 2018"** organized by the Argentine Association of Geomorphology and Quaternary Studies (AAGC) and to be held in Puerto Madryn, Chubut, Argentina, **18-21 September 2018**.

The Congress aims to gather participants from Argentina and from different parts of the world to discuss and share the most recent advances in the broad field of Geomorphology and Quaternary Sciences. The event includes initiatives specifically dedicated to Young Geomorphologists, and in particular, three short courses are available to attend: Biomineralization and environmental studies, Malacology in Quaternary marine environments, Radiocarbon analysis: methods and solutions to solve geological problems. The selection of candidates has been carried out by a Commission appointed by the IAG. For further information on the Congress, please visit: <http://cag2018.cenpat-conicet.gov.ar/inicio>.

Three eligible applications were received for the grants available, which have been awarded to following candidates: Gabriel GÓMEZ SZMULEWICZ (Chile) and Fernando DA SILVA ALEXANDRE (Brazil).

### Open calls

The International Association of Geomorphologists offers **4 grants of 150 euros** to favour the participation of **Young Geomorphologists** (under 35 years old) from Europe (but not mainly based in Poland) in the 1st Workshop organized by the **IAG Working Group DENUCHANGE**, to be held in Storkowo-Szczecinek (Poland) on **25-27 September 2018**. The Workshop aims at the better understanding of possible effects of ongoing and accelerated environmental changes on present-day denudational processes and familiarization with systematic and quantitative studies (environmental monitoring) on the actual drivers of denudation processes in differentiated landscape controls. The organization of the event includes initiatives specifically dedicated to Young Geomorphologists and in particular calculation of chemical and mechanical denudation rates as well as carrying out GIS-hydrological modelling using the SWAT model.

For further information on the Workshop, please contact Dr. Joanna Gudowicz [Gudowicz@amu.edu.pl](mailto:Gudowicz@amu.edu.pl). For further information on the call, please visit the IAG website at: <http://www.geomorph.org/2018/07/call-iag-grants-1st-workshop-iag-working-group-denuchange/> and feel free to contact the IAG Training Officer, Marta Della Seta, [marta.dellasetta@uniroma1.it](mailto:marta.dellasetta@uniroma1.it).

## Upcoming Events



The GEOCUAR 2018, Argentine Congress of Quaternary and Geomorphology, from **18-21 September 2018**, will have a single oral Plenary Session in which works related to all the themes that characterize the meetings of Quaternary Geology and Geomorphology can be included. As a reference, when submitting a paper, the author should indicate which of these thematic areas he or she considers most relevant. In the framework of the congress, prizes will be awarded to young researchers and researchers who have distinguished themselves for their contributions in the field of Geomorphology and Geology of the Quaternary during the last years. In addition, awards will be given to the best oral exhibitions and best contributions in the mega-posters. For more information's visit the conference web site : <http://www.cacg2018.cenpat-conicet.gob.ar>



The first Workshop of the IAG/AIG Working Group DENUCHANGE: Denudation and Environmental Changes in Different Morphoclimatic Zones to be held in Storkowo-Szczecinek (Poland), **September 25-27, 2018** and will include fieldtrips. More information <http://www.geomorph.org/2018/05/1st-workshop-iag-aig-working-group-denuchange-denudation-environmental-changes-different-morphoclimatic-zones/>



The 30th National Conference of the Indian Institute of Geomorphologists being held in New Delhi **3-5 October 2018**. The focal theme is "Geomorphology, Environment and Society" and the event is organized by Department of Geography, Faculty of Natural Sciences, Jamia Millia Islamia.. More information <http://www.geomorph.org/2018/07/30th-national-conference-indian-institute-geomorphologists-3-5th-october-2018>.



**"Geomorphology of Climate and tectonically sensitive areas", 19-21 September 2019, Athens, Greece**

The IAG, in collaboration with the Hellenic Committee of Geomorphology and Environment, organized the Regional conference of IAG for 19-21 September 2019. The geomorphology of the landscape represents the dynamic between creative and destructive processes. The interaction between these processes and forms, modifies or destroys geomorphic features on the Earth's surface. Surface features of the earth respond in the same manner, with a time lag in response to a change in driving variables. This Regional Conference on Geomorphology (IAG) will address the new challenges for geoscientists and especially geomorphologists to better understand the response of the Earth system, with new techniques and methods, and new assessments and predictions for the future that contribute to society's adaptation and preparedness. Two pre-conference and one post-conference fieldtrips will be organized:

September 15th – 18th, 2019, Pre-Conference Field Trip, Mykonos & Delos Islands

September 15th – 18th, 2019, Pre-Conference Field Trip, Santorini Island

September 22nd -25th, 2019, Post-Conference Field Trip, Rhodes Island, in the memory of Paolo Pirazzoli.

More information is on the conference web site: [www.rgc2019.com](http://www.rgc2019.com)

## Past Events

### 2018 Division Meeting EGU Geomorphology

The EGU Division on Geomorphology organizes a division meeting each year at the EGU General Assembly. In 2018 GM organized 76 Sessions in total; 33 GM-led + 43 co-organized and received 1858 abstracts; 867 in GM-led sessions, 36 oral slots + 4 IE (+7) and 6 PICO sessions, during 9-12 April 2018. The 2018 GM Outstanding Early Career Scientists Award will be awarded to Liran Goren for her application of physical principles implemented with solid mathematical rigor into models of wide application in the Earth-surface sciences. To be informed about the next meetings, conferences and early career scientists you can visit the conference web page <https://www.egu.eu/gm/home>.



### 19th JGM-International Conference May 16-20, 2018, Buzău, Romania

The International Conference "From field mapping and landform analysis to multi-risk assessment: challenges, uncertainties and transdisciplinarity" took place in Buzău, Romania, between May 16 -20, 2018. Organized by the Institute of Geography (Romanian Academy) and the Faculty of Geography (Univ. of Bucharest) under the auspices of the International Association of Geomorphologists (IAG) and the Geomorphologists Associations from Romania, Italy, France, Belgium and Greece, the Conference gathered two scientific events with a long history – the 19th Joint Geomorphological Meeting Italy-Romania-France-Belgium- Greece and the 34th Romanian National Symposium on Geomorphology, dedicated to 50 years of activity of Pătrălagele Natural Hazards Research Center. More information at the web site: <http://sng.geomorfologie.ro/>



Conference snapshots: field explanations at Balta landslide (upper, left), posters presentation (upper, right), Keynote lectures: transdisciplinarity, reviews and perspectives in geomorphology (lower; Assoc. Prof. Florin Pendea, Canada and Prof. Takashi Oguchi, Japan)

## Young Geomorphologists

The IAG Training Programme aims to help Young Geomorphologists worldwide to increase their knowledge and experience in geomorphological research, discuss their learning and research experience with young colleagues from different countries, and meet experienced scientists and young researchers in an informal environment, which favours scientific discussion. In continuity with the IAG tradition, the Executive Committee defined its new objectives for the 2017-2021 period:

1. Continue and strengthen the Training activities through the traditional IAG-Grant programme;
2. Stimulate the birth/growth of Young Geomorphologists' national groups worldwide;
3. Foster interaction between Young Geomorphologists' national groups and promote networking among them, to coordinate future joint activities;
4. Support the IAG Working Groups through the awarding of grants for selected events;
5. Establish an IAG Alumni list, initially including the 170 Young Geomorphologists granted since 2002, so that they can become Ambassadors of the IAG.

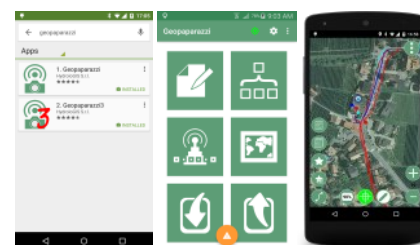
Among the joint activities in the frame of a network of national groups of Young Geomorphologists worldwide, IAG will support international initiatives such as an International Day of Young Geomorphologists. Furthermore, the Geomorphology Division of the European Geosciences Union (EGU) and IAG recognise that a closer relationship between the two organisations can foster international exchange in geomorphological research and learning and promote international opportunities in geomorphology for members of both organisations. According to a signed "memorandum of understanding", the following activities will be jointly promoted:

1. an exchange of information on key programs and initiatives;
2. an expansion of membership of both organizations through possible joint programs;
3. an exchange of information and possible joint activities concerning educational opportunities, student programs, and professional services; and
4. an exchange of information and possible co-organization of scientific conferences and workshops.

Anyone interested in the above listed initiatives is warmly invited to contact the IAG Training Officer ([Marta Della Seta](mailto:Marta.DellaSeta@uniroma1.it)) [marta.dellaseta@uniroma1.it](mailto:marta.dellaseta@uniroma1.it).

## Innovation on Fieldwork

**Geopaparazzi** is a tool developed to do very fast qualitative engineering/geologic surveys. Even if the main aim is in the field of surveying or GIS data collection, it contains tools that can be of great use also to tourists that want to keep a geodary. Geopaparazzi belongs to the family of GIS objects that originated from JGrass, and includes also BeeGIS, an Open Source Tool to do field survey. More information's at <http://geopaparazzi.github.io/geopaparazzi/>.



From Google Play Store to the dashboard and the screen view in android operating system.