



News at a Glance

1. [News from International Subcommittee on Jurassic Stratigraphy](#)
 2. [News from INHIGEO](#)
 3. [Recent Activities of the IUGS Initiative on Forensic Geology \(IFG\)](#)
 4. [IGEO Update](#)
 5. [Episodes v.44, no.1 is now available](#)
 6. [New e-Bulletin editor and submission guidelines](#)
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[1. News from International Subcommittee on Jurassic Stratigraphy](#)

The International Subcommittee on Jurassic Stratigraphy is pleased to announce that the Global Stratotype Section and Point for the base of the Kimmeridgian Stage (Upper Jurassic) has been formally agreed and ratified. The agreement represents the culmination of two decades of work by an international team lead by Professor Andrzej Wierzbowski (University of Warsaw, Poland). The proposal received unanimous support from the International Commission on Stratigraphy (ICS) and International Union of Geological Sciences (<https://jurassic.stratigraphy.org/news>)



Figure 1. *Pictonia flodigarriensis* Matyja, Wierzbowski et Wright. This is one of the three key Subboreal ammonites that mark the base of the Kimmeridgian Stage. The ammonite is named after the hamlet of Flodigarry where the stratotype is defined. Note that, although flattened, the details of the fine ribbing and the original nacreous shell are exquisitely preserved.



2. News from INHIGEO

New INHIGEO Anniversaries

INHIGEO offers a series of interesting and concise papers on diverse aspects of the geological sciences. Their two latest papers, described below, are now available at the Anniversaries webpage: <http://www.inhigeo.com/anniversaries.html>

March 2021 Anniversary article by Stephen Rowland

Seventy-five years ago, in 1946, American artist Charles R. Knight published a book titled *Life Through the Ages*, an excellent example of a genre of paleoart that author Stephen Rowland called the "pageant-of-life-through-time". See the book cover, below.

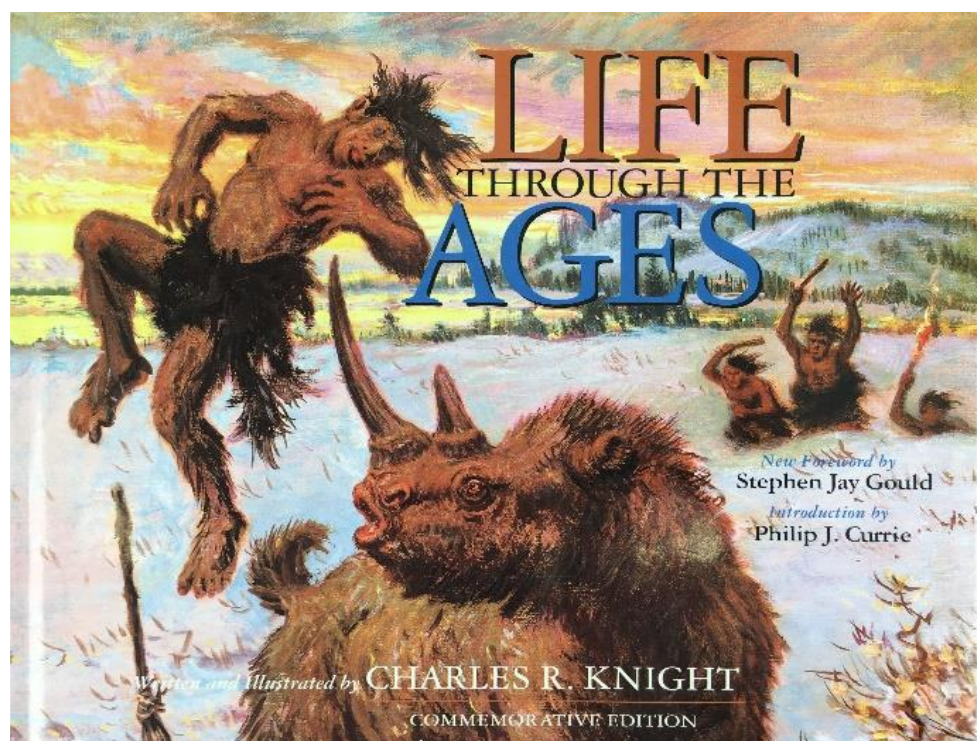


Figure 2. Cover page of the book *Life through ages*



February 2021 Anniversary by Marianne Klemun

The Swiss scholar Adolphe Morlot (1820-1867), pictured below, is credited in various contexts with the initial use of the term Quaternary. Morlot, however, was not the first to use the term, but he gave it a new direction, connecting it to glaciation and the concept of an ice-age.

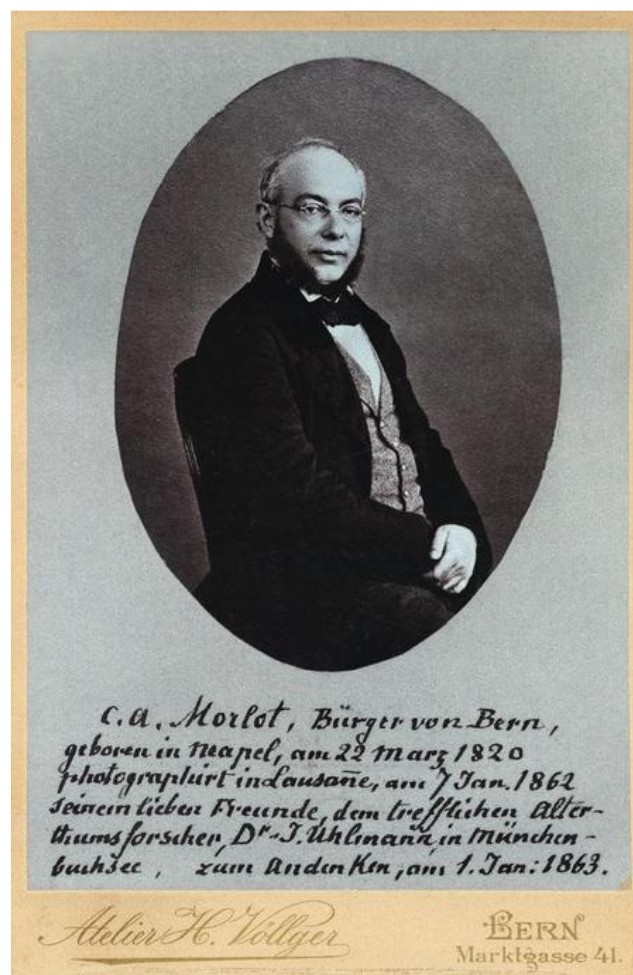


Figure 3. Portrait of Adolphe von Morlot (Wikimedia Commons)

3. Recent Activities of the IUGS Initiative on Forensic Geology (IFG)



Figure 4. Celebrating 10 years of IUGS-IFG

IUGS-IFG 10th Anniversary

The IUGS Initiative on Forensic Geology (IFG) celebrated its 10th Anniversary in February 2021. Laurance Donnelly established the group at the 62nd IUGS Executive Committee meeting in February, 2011, following on the earlier efforts by the IUGS Working Group on Forensic Geology (2009-2011) and the Geological Society of London (GSL) Forensic Geoscience Group (2006-ongoing). In the past decade, IUGS-IFG has advanced forensic geology and provided numerous training, capacity building and outreach events around the world. Its efforts include books and publications on forensic geology, operational support for police and law enforcement including crime scene examination, the provision of geological trace evidence and searches for graves and other buried items associated with homicide, serious and organised crime, and counter terrorism. The GSL Newsletter (number 400, 26 February 2021) acknowledged the 10th anniversary of IUGS-IFG.

<https://www.geolsoc.org.uk/newslettersignup>

http://www.episodes.org/journal/list.html?pn=search&all_k=forensic+geology

IUGS-IFG news

IUGS-IFG Committee Changes — Prof Jenny McKinley will remain on the IFG Committee as ‘Officer for Communications’. To manage any potential COI, she will not vote on matters pertaining to IFG when executing her role on the IUGS Executive Committee. Mr Marcel Tortolero will be the Student Representative as an officer of the IFG Committee Member, effective April 2021. Dr Brian Johnson is stepping down as the webmaster to take new employment. A replacement webmaster at Queen’s University Belfast, Northern Ireland, is under consideration.



IFG Student Chapter Expansion — An IFG-Brazil Student Chapter was established in Brazil to create an academic network for undergraduate and graduate students to deepen their skills and knowledge in the applications of geology, geophysics, geodetic and oceanographic sciences to policing and law enforcement. There are now student groups at ten universities in Brazil: UFPR, UFPel, UFRRJ, UFRJ, UnB, UniBH, Unesp, UFAM and UFG with the involvement of 155 student members, 14 experts and 11 teachers. Following the success of the IUGS-Brazil Student Chapter, a strategy has been agreed to expand the concept globally commencing with Colombia, Chile, Argentina and India; see <https://geoforensics.com/student-chapters/>. Students interested are encouraged to contact Dr Laurance Donnelly (geologist@hotmail.co.uk) or Marcelo Tortolero (marcelotortolero16@gmail.com).
<https://geoforensics.com/student-chapters/>

IUGS-IFG Special Project — The IUGS-IFG ‘Special Project’ will focus on the use of forensic geology in relation to crimes that take place in the global mining, minerals and metals industry, including: (a) Precious metals, base metals and minor metals (including fraud, i.e. substitution, adulteration and theft) (b) Conflict minerals (c) Battery Minerals, (d) diamonds, gemstones (including fakes and fraud), (e) Fossil theft and fakery and (f) criminal networks, cartels and law enforcement and (g) environmental and social impacts. Those with an interest should contact Laurance Donnelly (geologist@hotmail.co.uk) and Duncan Pirrie dpirrie@helfordgeoscience.co.uk. The following news item provides an example of substitution on material being transported between Turkey and China.
<https://www.bbc.co.uk/news/business-56330378>
<https://tr.sputniknews.com/turkiye/202103051043956683-milyon-dolarlik-vurguna-zekm-yetmez-savunmasi/> (Please use google translate)

Women in Forensic Geology — IUGS-IFG has agreed a project to encourage and support women in forensic geology, to include; profiles, news, stories, career advice and events. Further details will be included on the IFG web site and the IUGS-IFG Student Chapter website. <https://geoforensics.com/student-chapters/>

Geoforensics, Queen’s University Belfast, Northern Ireland — IUGS-IFG contributed to a BSc module for 26 students on ‘Geoforensics’ run by Dr Alastair Ruffell, School of the Natural Built Environment, at QUB. The module will be given again in September 2021.

Upcoming webinars and meetings of interest

Forensic Geotechnics and Geohazards — IUGS-IFG will collaborate with the IFG Student Chapter in Brazil and the Federal University of Pelotas, in Brazil, to hold a webinar on forensic geotechnics 12-16 July 2021.

InterForensics 2021 — Interforensics 2021 is planned for 8-11 June in Curitiba, Brazil, and will be supported in part by IUGS-IFG. Save the date!



Forensic Geology Focus on Uganda and Rwanda — IUGS-IFG has started exploratory discussions and planning for a meeting on forensic geology, in particular the applications of forensic geology in minerals crime to be held in Uganda or Rwanda, in 2022.

4. News from IGEO

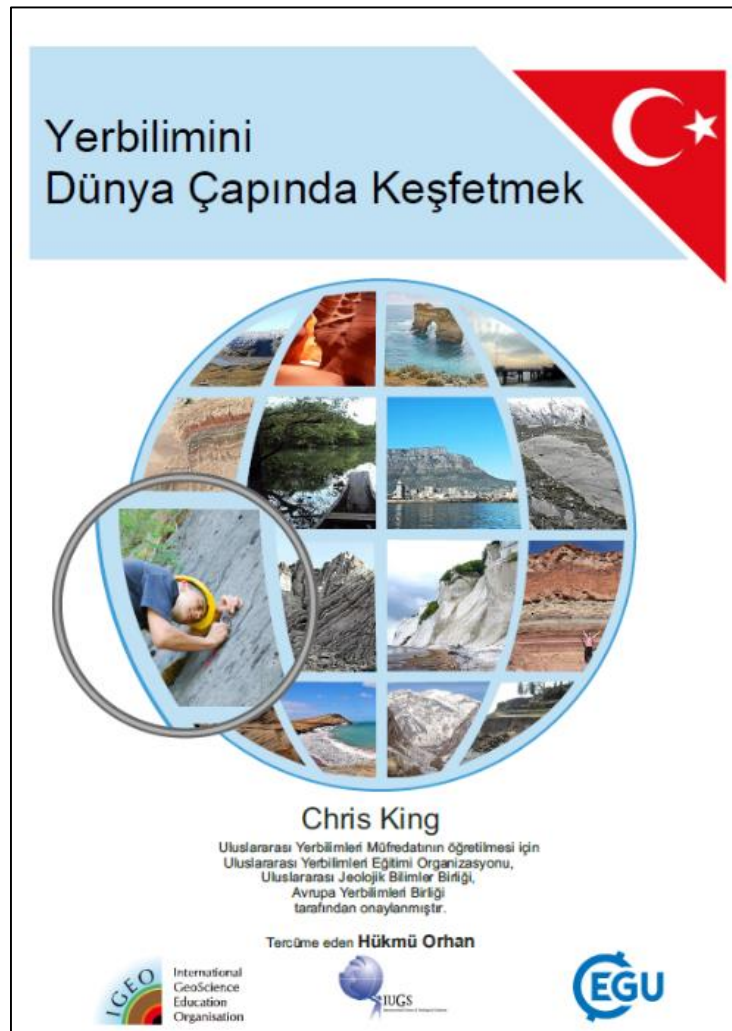


Figure 5. Exploring Geoscience across the world textbook – into Turkish



IGEO is delighted to announce the first full translation of the *Exploring Geoscience across the world* textbook – into Turkish. The translation is the work of Hükümü Orhan on behalf of the Turkish Earth Science Education Working Group, which was founded in December 2019. Professor Dr. Hükümü Orhan is a retired member of the Geological Engineering Department of Konya Technical University, Konya, Turkey and has led this tremendous translation work. As a result, teachers of geoscience across Turkey will now have access to a readable and professionally checked textbook, approved by the IGEO, the International Union of Geological Sciences (IUGS) and the European Geosciences Union (EGU).

Like the international version of the textbook and its two companions (the *Activities and questions* volume and the *Some answers* volume) the Turkish translation is available as a pdf file free-of-charge on the IGEO website at: <http://www.igeoscied.org/teaching-resources/geoscience-text-books/> and <http://yerbilimleri.org/index.php/kitaplar/>. Hükümü tells us that he has already started work on translating the *Activities and questions* volume into Turkish.

The IGEO website already carries a partial Japanese translation and we understand that translations are being prepared in Portuguese and Spanish. A ‘regionalised’ version has also been prepared called *Exploring geoscience across England* that will be published soon.

Clearly, the doors are open for anybody anywhere to translate the book into their own language for use in their own region. We just ask that we are sent a copy for publication on the IGEO website. In this way we can bring high quality geoscience educational materials to people across the world – in any language!

5. Episodes

The March 2021 special issue on ‘Natural Stones: Architectonic Heritage and its Global relevance’ of Episodes is now available at <https://www.iugs.org/episodes>

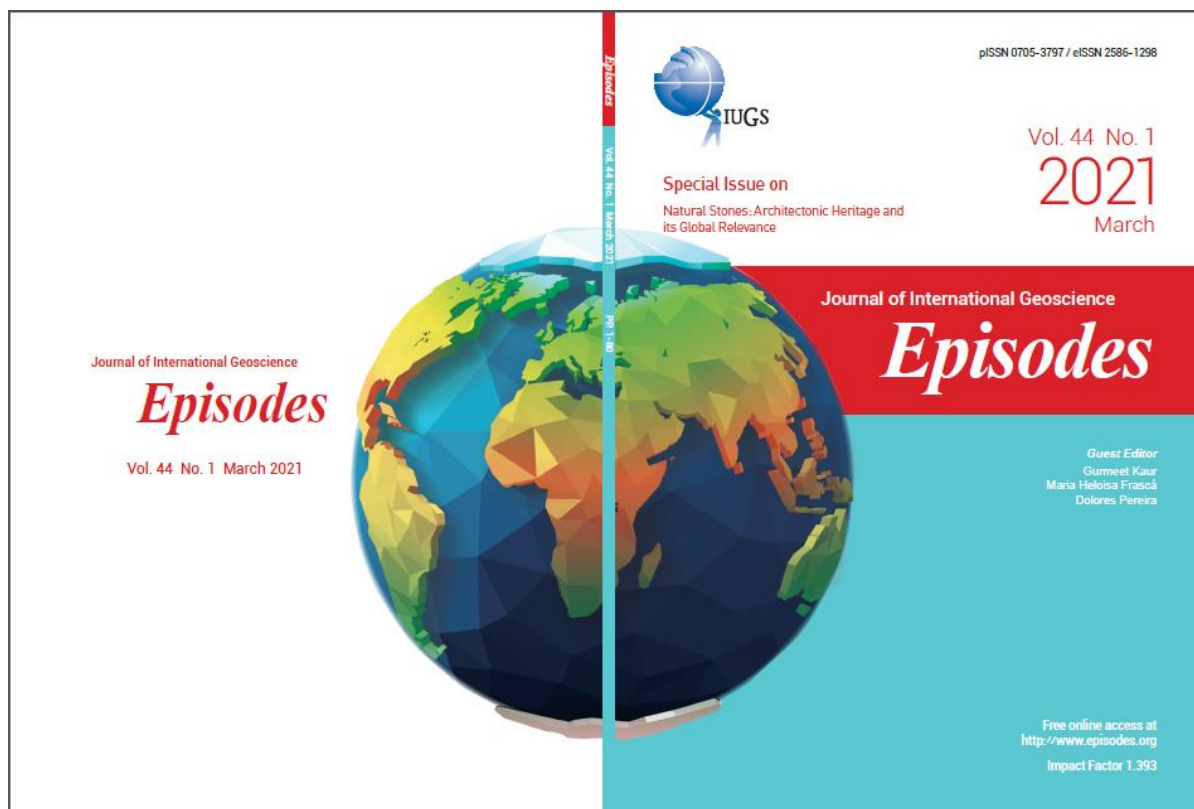


Figure 6. Cover page of Special Issue on ‘Natural Stones: Architectonic Heritage and its Global relevance’ published in Episodes.

6. New e-Bulletin editor and submission guidelines

The e-Bulletin resumes its monthly publication after four months due to circumstances of internal adjustments in the edition.

The IUGS e-Bulletin will now be edited by Gurmeet Kaur so that electronic and social media, are managed in the same office. Giuseppe di Capua will continue to manage the website. All IUGS Commissions, Task Groups, and Affiliated Organizations are encouraged to submit news and special announcements routinely.



EDITORS' NOTES:

CONTRIBUTING TO THE IUGS E-BULLETIN, WEBSITE AND SOCIAL MEDIA

IUGS wishes to improve the co-ordination of the publication of information on **news, events and achievements** arising from IUGS activities (**not science reports or papers**).

All IUGS Commissions, Task Groups, Initiatives and IGCP projects are requested to provide a steady flow of material. Contributions from Adhering Bodies are also welcome.

To aid co-ordination and standardization, IUGS has introduced a preferred format and a monthly timetable.

Format of submitted material:

Contributors should provide:

For the e-Bulletin: A short text (not more than one page) with 1 or 2 illustrations (photographs, diagrams etc. jpg, .gif or .png files of good resolution with captions as separate word files). The short text in the e-Bulletin will be hyperlinked to any longer text which will be placed on the IUGS website. Items that are not in reasonably good English will be returned for improvement. If proposed contributions exceed one page, they will be returned for shortening. All images must, if necessary, be copyright-cleared before submission. The editor of the e-Bulletin reserves the right to make necessary edits to adjust the content to the publication rules, always respecting the meaning of the text submitted.

For the IUGS website: A one page concise text (up to about 500 words), if possible providing a web-link (e.g. to an IUGS activity website).

Each contribution to the IUGS e-Bulletin, website and/or social media should be marked as to which target medium or media it should be published in. Each contribution should be sent, at the same time, to the following addresses:

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(e-Bulletin Editor-in-Chief)

(Webmaster)

(Social Media Manager)



Time Frame for submissions to the e-Bulletin:

1. IUGS sends a reminder to leaders of activities in the last week of each month;
2. Contributions should be provided by the 16th day of every month.
3. IUGS will evaluate all submitted items in terms of urgency and will allocate these to the next monthly issue or a later issue and will also check that these comply with IUGS policy for publications and ethics;
4. The IUGS Team will aim to compile monthly e-Bulletin by the 25th day of the month and send it to the IUGS Secretariat;
5. The IUGS Secretariat will dispatch the e-Bulletin to the IUGS Community on, or before, the last day of each month;
6. Long versions of material will be posted on the IUGS Website in coordination with the publication of the relevant e-Bulletin.

This time frame may vary due to public holidays that affect the e-Bulletin Team and IUGS Secretariat such as Christmas and Chinese New Year.

NOTES

- If you require notices, information on publications, etc. to be considered for inclusion in forthcoming IUGS e-Bulletins, please mail to: gurmeet28374@gmail.com.
- Please check the IUGS [Calendar of Events](#) for upcoming scientific meetings. If you require information on international conferences, meetings, etc. to be considered for inclusion in this Calendar please mail to: giuseppe.dicapua@ingv.it
- To be added to or removed from the IUGS e-Bulletin distribution list, please mail to: iugs.beijing@gmail.com or secretariat@iugs.org.
- Follow the IUGS on Social Media! We are on [Facebook](#), [Twitter](#), and [LinkedIn](#).
- Check the IUGS website: <http://www.iugs.org/>

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