
News at a Glance

1. **From the Task Group on Geohazards (TGG): special book on “Global and Societal Impact of Seismic and Tsunamic Events”.**
2. **News from the IUGS Initiative on Forensic Geology (IFG).**
3. **The IUGS Heritage Stones Sub-commission: new achievement.**
4. **UNESCO International Geoscience Programme (IGCP): Call for Host Institutions.**
5. **IUGS INHIGEO Anniversaries. Leonardo da Vinci and his possible contributions to geology 500 years ago.**

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1. **From the Task Group on Geohazards (TGG): special book on “Global and Societal Impact of Seismic and Tsunamic Events”.**

TGG plans to publish a special book of papers to be appear in the Geological Society London (GSL) Special Publications series. The title of the book will be “Global and Societal Impact of Seismic and Tsunamic Events”.

The submission deadline for authors is 30th April 2019. Editing including submission and review is through the GSL website. There will be an electronic edition. Detailed information is available in the site below.

https://www.geolsoc.org.uk/sp_authorinfo

Please contact the editors if you would like to submit a manuscript. The editors and contact points are:

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2. News from the IUGS Initiative on Forensic Geology (IFG)

- *Organisation of Scientific Areas Committee (OSAC), Texas*
Members of IUGS-IFG were invited to attend the NIST, OSAC meeting in Houston, Texas, to discuss how the Geological Materials Group of OSAC were progressing with their guidance documents on analytical methods.
- *Opening of ARISTA, Human Taphonomy Facility, Amsterdam*
The NVFA Taphonomy Symposium Amsterdam Medical School, Opening of ARISTA, Human Taphonomy Facility, was attended by various committee and other IUGS-IFG members and associates
- *Training with the Brazilian Federal Police*
IUGS-IFG supported and endorsed training with the Brazilian Federal Police on forensic geology and microscopy. The course was held by the Brazilian National Police Academy of the Federal Police for forensic experts and academic researchers.

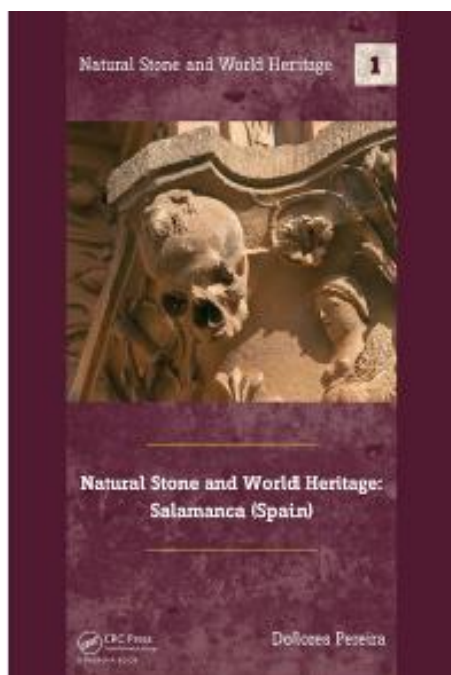


- *Environmental & Criminal Forensics, London*
A two-day meeting was held at the Geological Society of London, Burlington House, Piccadilly, London. The Near Surface Geophysics Group of the Geological Society of London (NSGG) held the thirteenth in a succession of biennial day meetings devoted to archaeological geophysics. The session on Environmental & Criminal Forensics, was a multidisciplinary meeting that capture shared interests between the geological, environmental science, engineering, geotechnical, mining and archaeological communities with those practitioners working in the criminal and environmental fields.

- *Federal Bureau of Investigation (FBI), Washington DC, USA*

IUGS-IFG Chair, Dr Laurance Donnelly, was invited to visit the FBI Laboratory in Quantico, Virginia, Washington DC, USA. This was organised by IUGS-IFG FBI Adviser, Jodi Webb. The principal objective of the visit was to exchange knowledge, information capabilities and experiences on the design and deployment of ground searches for burial related to homicide, serious organised crime and counter terrorism.

3. IUGS Heritage Stones Sub-commission: new achievement



The HSS has started a new Book Series on stones and heritage: **Natural Stone and World Heritage**. The first volume, just published, is devoted to Salamanca, in Spain. This Book Series is the first to emphasize the importance and significance of natural stone in the construction of a city or a site recognized as a World Heritage Site by UNESCO, describing the buildings, the stones and the stone quarries. The Book Series will consist on 12 different books from around the world, edited by Lola Pereira with the following editorial board: Brian Marker, Giovanna Antonella Dino, Gurmeet Kaur and Patrick Wyse Jackson.

The second book on Natural Stone and World Heritage: Delhi, India, is already under preparation and will be ready for the 36th IGC in 2020.



Natural Stone and World Heritage: Salamanca (Spain)

Dolores Pereira

University of Salamanca, Faculty of Sciences, Department of Geology, Salamanca, Spain

This book is the first to emphasize the importance and significance of natural stone in the construction of a city, Salamanca, recognized as a World Heritage Site by UNESCO. It describes the buildings, the stones, and the stone quarries.

KEY FEATURES

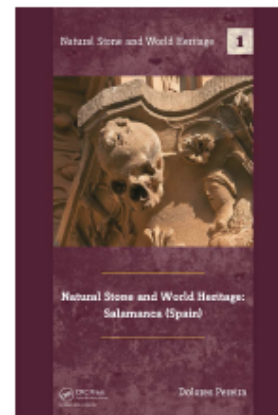
- Highlights the importance of identifying local stone types for cultural heritage management purposes
- The book will serve as a guide for seeing in situ all the stone types that constitute a World Heritage Site
- The book will contain importance references that will serve as review for the interested people on natural stones and heritage.
- 2018 saw the 800th anniversary of the founding of the University of Salamanca. The book will contribute to the public outreach concerning the World Heritage Site of Salamanca.

SELECTED CONTENTS

- 1 Introduction
- 2 World Heritage Sites
- 3 Salamanca: a World Heritage Site
- 4 The buildings in Salamanca
- 5 The stones of Salamanca
- 6 Stone testing
- 7 Conclusions: the importance of stones in the preservation of cultural heritage

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4. UNESCO International Geoscience Programme (IGCP): Call for Host Institutions

The United Nations Educational, Scientific and Cultural Organization (UNESCO) Earth Sciences and Geo-hazards Risk Reduction Department is currently developing an international exchange network for young researchers.

The project was approved by the UNESCO IGCP Council in 2018 and will establish opportunities for post-graduate (PhD and post-doc) researchers to participate in pre-existing fieldwork projects within the subjects of Earth Sciences (Earth Resources, Geo-Hazards, Climate Change and Hydrogeology).

In the preliminary stages of the project, UNESCO is seeking interest from host institutions that offer local and international fieldwork studies as part of graduate and postgraduate research degrees.

Host institutions will be placed with one or two postgraduate research students from an overseas institution for the duration of a fieldwork project. This will provide an invaluable learning opportunity for young researchers, primarily from developing and least developed countries, and institutions would be involved in the selection process of potential participants.

Institutes that wish to express interest in hosting researchers are invited to write to us with the following information:

1. Details about local or international research fieldwork programmes and field sites, primary subject of the field studies, and academic and professional staff organizing the programmes;
2. The approximate dates and duration of the field programme;
3. Accommodation, costs and capacity of the field programme.

For more information: www.unesco.org/igcp

Contact details: Dr Ozlem Adiyaman: o.adiyaman@unesco.org

Alex Willcox: a.willcox@unesco.org



Fig. 1 – IGCP 648 project meeting in Australia.

5. IUGS INHIGEO Anniversaries. Leonardo da Vinci and his possible contributions to geology 500 years ago



International Commission on the
History of Geological Sciences

Leonardo da Vinci (1452-1519) was not intentionally doing geology for its own sake. Rather he studied rocks in order to improve the dimensions of his paintings. Observing the earth was an ancillary tool for him, and from this perspective we could say, no, he did not contribute directly to the development of geology. But if we observe his paintings we recognise how carefully he put rocks and

mountains in the background of his paintings. He gave those who saw his paintings a specific view of the human in nature. His portraits have educated generations of people over more than 500 years in how to observe both human beings and nature as carefully connected bodies.

Read more at:

http://iugs.org/uploads/Reports/Anniversaries_INHIGEO_February_2019.pdf



Fig. 2 - Leonardo da Vinci, Vergine delle Rocce (between 1483-1486),
Louvre, WIKI Commons.



EDITORS' NOTES:

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

IUGS wishes to better co-ordinate 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 will also be welcomed.

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: 2 or 3 sentences with between 1 and 3 illustrations (photographs, diagrams etc.) with captions as separate .jpg, .gif or .png files with a resolution of 150 dpi; optimally accompanied, by:

For the website: a concise text of about 0.5 to 1 A4 page (up to about 600-700 words), if possible providing a web-link (e.g. to an IUGS activity website).

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. Others will be edited for use of English if necessary. If proposed contributions are too long, they will be returned for shortening. All images must, if necessary, be copyright-cleared before submission.

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:

silvia.peppoloni@ingv.it	(E-Bulletin Editor-in-Chief)
giuseppe.dicapua@ingv.it	(Webmaster)
gurmeet28374@gmail.com	(Social Media Manager)

Timetable:

The idealized timetable for the E-Bulletin is:

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 that month (**items arriving after that date cannot be included in the next monthly issue**);
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 that month's 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 timetable will be varied, as necessary, to allow for 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: silvia.peppoloni@ingv.it.
- Please check the IUGS [Calendar of Events](#) for upcoming scientific meetings this coming month. 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.
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Edited by:

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