

## News at a Glance

1. IUGS@60 News
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5. An international summer school

### 1. IUGS@60 News

(i). On 16-17<sup>th</sup> May, the Geological Association of Canada held its annual conference Halifax. To celebrate the IUGS's 60<sup>th</sup> and UNESCO IGCP 50<sup>th</sup> anniversaries, the organisers arranged a special symposium with 19 presentations and 2 panel discussions. These highlighted the important contribution Canadian Geoscientists make to the IUGS, IGCP and discussed the importance of Canadian Geoparks, past, present and in the future: <https://iugs60.org/gac-symposium-2022/>. The conference was a great success and by all accounts, enjoyed by all who attended.



Figure1. Symposium on IUGS, Geoparks and IGCP organized to celebrate IUGS60.

(ii). The 21<sup>st</sup> of May was a proud day for the IUGS. Members of the IUGS executive including Secretary General Prof. Dr. Stanley C. Finney and Treasurer Prof. Hiroshi Kitazato took part in celebrations held in the city of Ichihara to mark the placement of the Golden Spike in the Chiba Section, Japan <https://iugs60.org/chibanian-golden-spike/>. This placement of the golden spike defines the base of the Chibanian Stage which represents the Chibanian Age of the Pleistocene Epoch and Quaternary Period of the Geologic Time Scale. To find out more about the importance of this and other GSSP's for our understanding of the planet why not watch this short video by the Chair of the ICS, Prof. David Harper: <https://youtu.be/cHu4-CCiDk0>



**Figure2. Chibanian GSSP Golden Spike Installation Ceremony in Ichihara, Japan.**

(iii). On the 15<sup>th</sup> May we saw the closure of the submission portal for the Earth Futures Festival. The team have received more than 900 video entries and our teams will now begin the process of shortlisting those which will make it to the final. To keep informed visit: <https://www.earthfuturesfestival.com/>.

## **2. News from the IUGS Initiative on Forensic Geology (IFG) IUGS-IFG, Japan Geoscience Union Meeting 2022**

On 22-27 May 2022, IUGS-IFG will be represented at the Japan Geoscience Union Meeting 2022. A paper will be presented by the IUGS-IFG Chair, Dr Laurance Donnelly on, 'A Global Review of Forensic Geology and Crimes Associated with the Exploration, Mining and Trading of Minerals and Metals' [https://www.jpгу.org/meeting\\_e2022/](https://www.jpгу.org/meeting_e2022/)

### **Establishment of the Japan Forensic Geology Committee**

The Forensic Geology Committee, chaired by an IUGS-IFG Officers for Japan, Dr Ritsuko Sugita and Prof Noriko Kawamura, was establish within the Geological Society of Japan to promote and develop forensic geology in Japan. This was approved by the Board of Directors on 9 April 2022, and is proposed to collaborate with IUGS-IFG. A short history of forensic geology in Japan can be found on this link:

[https://www.researchgate.net/publication/347045636\\_Short\\_history\\_of\\_forensic\\_geology\\_in\\_Japanribennofadezhixuenobumi](https://www.researchgate.net/publication/347045636_Short_history_of_forensic_geology_in_Japanribennofadezhixuenobumi)

### **Earth Day Live 2022, Globally**

On 22 April 2022, IUGS-IFG participated in Earth Day live (<https://www.earthday.org/>) and included a video message on the future important and relevance of forensic geology. Here is the latest version of the IUGS Earth Day montage: <https://youtu.be/FvkAZOvnzAc>, which was also posted on the IUGS social media sites. Here is the IUGS Earth Day page: <https://iugs60.org/earth-day-2022/>

### **Forensic Award for Excellence, Italy**

Dr Rosa Maria Di Maggio, IUGS-IFG Officer for Europe, has been named as the recipient of the Forensic Award for Excellence in Forensic Geoscience, in her home country of Italy, for the third time. She dedicated this award to her father.

### **ATM Standard Review, USA**

IUGS-IFG has been invited to review the draft document; 'ASTM WK70035-202x, Practice for Use of Color in the Visual Examination and Forensic Comparison of Soil Samples'.

### **5th Iberoamerican Conference on Forensic Geology, Bogota, Colombia**

The fifth in the series, of conferences on forensic geology in Latin America, has been confirmed to take place in Bogota, Colombia, 26-28 October 2022. The main objective is to show forensic geosciences and related discipline (e.g. anthropology, genetics, taphonomy and mycology) can be applied to search and locate the victims of missing persons that are in mass graves.

### **XXVI National Criminalistics Congress 17-20 May 2022**

CNC is the most traditional event of Criminal Forensics and Forensic Sciences in Latin America. In 2022, it will celebrate the XXVI edition, simultaneously with the IX International Congress of Forensic Experts and the XXVI Exhibition of Technologies Applied to Criminalistics. CNC is an event of the Brazilian Criminalistics Association (ABC), held every two years

<https://conferenceindex.org/conferences/forensic-science/brazil>

### 3. News from INHIGEO Anniversaries

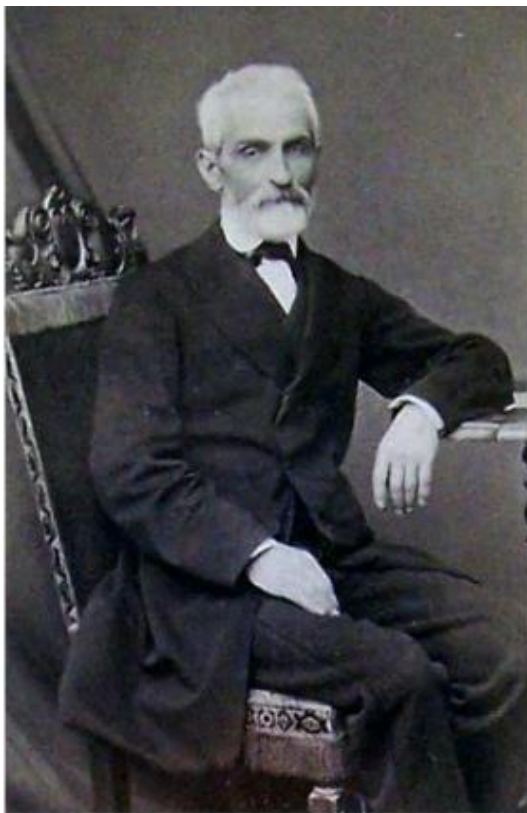
Title: PAOLO GORINI'S EXPERIMENTS ON THE FORMATION OF VOLCANOES IN MAY 1872  
(author: Ezio Vaccari)

On April 24, 1872, a spectacular and destructive eruption of Mt. Vesuvius began, which continued until May 2 of the same year. The Italian government was hoping to obtain a clear scientific answer to the delicate question of the prevention of the catastrophic events related to volcanic eruptions and earthquakes. The “experimental geology” undertaken by Paolo Gorini seemed to offer a new interpretation of these phenomena.

To know more, open the links below:

<http://www.inhigeo.com/anniversaries.html>

<https://www.inhigeo.com/anniversaries/Vaccari E. Gorini Experimental Geology 150 years ago.pdf>



**Figure 2.** - [left] Paolo Gorini - photograph by G.B. Sciutto, Genoa, 1872 (from Carli, 2009, p. 30); [right] Paolo Gorini, "a man who can play with fire" - charcoal portrait by V. Bignami, 1879 (from Carli, 2005, front cover).

#### 4. News from International Commission on Geoheritage

In March of this year, a new Subcommission on Geocollections was established to provide the first dedicated international representation of and for geological collections. The aims of this subcommission are threefold. The first aim is clearly to gather a list of extant geocollections, the second is to build the network of people who are responsible for geocollections, taking into account the many related bodies that represent different aspects of geocollection. The final and most exciting aim is to develop a designation scheme that will highlight collections or specimens of particular geoheritage or scientific note. After the successful IUGS/UNESCO Geosites initiative, the geocollections designation scheme will be an important next step in the communication and preservation of specimens which have played such an important role in society and in developing our understanding of Earth processes.

5. An international summer school on stratigraphy, paleontology, and historical geology is to be held at the Madygen Geopark, Kazakhstan on August 14-26, 2022. Geologists from Kyrgyzstan, Uzbekistan and Germany will act as mentors of the summer school. The summer school has a focus on the Mesozoic-Cenozoic biota and stratigraphy in the south Tianshan area. The Triassic subcommission is fully supportive of this event.

Detailed information can be found in the following

link: <https://geotianshan.org/en/expeditions/international-summer-school/>

**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:**

[gurmeet28374@gmail.com](mailto:gurmeet28374@gmail.com) (e-Bulletin Editor-in-Chief)  
[giuseppe.dicapua@ingv.it](mailto:giuseppe.dicapua@ingv.it) (Webmaster)  
[gurmeet28374@gmail.com](mailto:gurmeet28374@gmail.com) (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 16<sup>th</sup> 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 Publications Committee Team will aim to compile monthly e-Bulletin by the 25<sup>th</sup> 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;

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.

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#### NOTES

- 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](mailto:giuseppe.dicapua@ingv.it)
- To be added to or removed from the IUGS e-Bulletin distribution list, please mail to: [iugs.beijing@gmail.com](mailto:iugs.beijing@gmail.com) or [secretariat@iugs.org](mailto: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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