



INTERNATIONAL COMMISSION ON THE HISTORY OF GEOLOGICAL SCIENCES (INHIGEO)

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INHIGEO QUARTERLY CIRCULAR 2018, Number 3, September

Dear members and friends,

Welcome to our September 2018 Circular. In about six weeks we will meet at our 2018 Annual Conference to be held in Mexico City. Our board member Luz Fernanda Azuela, the main organiser of this event, and her team deserves our thanks and appreciation!

It is that time of the year to bring INHIGEO members up to date with our plans for the future and the next year. **Our next INHIGEO Annual Conference will take place in Varese and Como (Italy) 2-12 September 2019.** The First Circular for our 2019 conference will be sent out by Ezio Vaccari in November, but for more information and preliminary program you can now visit the symposium website at the address <https://inhigeo2019.jimdofree.com/>. Our Italian colleagues will be pleased to receive an **expression of interest as soon as possible (by 15 December 2018 at the latest).** Please fill out and submit the form "Expression of interest" at the webpage <https://inhigeo2019.jimdofree.com/expression-of-interest/>

It is thanks to Bill's tremendous efforts that we can proudly present our Annual Record, a publication of 270 pages. If you have not received this large book via email due to firewall settings, you can find the AR on our home page (www.inhigeo.com).

The next yearly meeting in 2020 will be in New Delhi as part of the 36th International Geological Congress. Please take into consideration that this meeting will not take place in summer or autumn as usual but from 2 to 8 March.

If you are interested in writing a small contribution under the topic of "anniversaries" for the IUGS e-bulletin please contact me. You will find examples on the homepage: iugs.org. (in the e-bulletin 140-145).

Best wishes to all of you
Marianne Klemun
Secretary General of the INHIGEO

UPCOMING CONFERENCES

MEXICO, INTERNATIONAL COMMISSION ON THE HISTORY OF GEOLOGICAL SCIENCES, 43rd CONFERENCE, 2018

The Mexican Delegation of the International Commission on the History of Geological Sciences is delighted to inform you about the preliminary program of our 43rd INHIGEO Conference to be held at the Palace of Mining in Mexico City from 12 to 22 November 2018.

NEW: Please notice the new opportunity: PRE-MEETING FIELD TRIP

Please be advised that the Geophysics Institute has organized a pre-meeting field trip to the Comarca Minera Global Geopark for us, taking place on 11 November.

This is one of the places Humboldt visited and wrote about.

There are only 20 places on offer, so please contact the organizers as soon as possible to reserve your place.

The price of the fieldtrip is 150 \$ including transportation, lunch and entrance tickets. Payment is on the day of the trip.

Preliminary Program

Sunday 11th		
Pre-Meeting Field Trip		
Comarca Minera Unesco Global Geopark		
	Departure from Mineria Palace	07:30
	Arrival to Mineria Palace	18:30
Monday 12th		
Palace of Mining		
	Registration	9:00-9:50
	Inaugural Ceremony	9:50-10:20
Keynote Speech		
James A. Secord	Global Geology and the Tectonics of Empire	10:20-11:20
	Coffee Break	11:20-11:40
	History of Vulcanology Symposium (I)	
	Chairperson: Hugo Delgado	11:40-13:00

Ezio Vaccari, and Andrea Candela	The Great Volcano of the Italian Prealps: A European Controversy Between the 18th and the 19th Century	1. History of vulcanological studies
Guillermo Alvarado	Overview of the History of Vulcanology in Central America	1. History of vulcanological studies
Hugo Delgado	History of Mexican Vulcanology	1. History of vulcanological studies
Lunch		13:00-14:30
History of Vulcanology Symposium (II)		
Chairperson: Hugo Delgado		
Alejandro Pastrana	Sequences of the Geo-Archaeological Studies of the Obsidian Source of the Sierra Las Navajas, Hidalgo, Mexico	14:30-16:10 1. History of vulcanological studies
Claus Siebe	Clues for the Jorullo Eruption in Michoacan (Mexico) from the Diary of Fray Francisco de Ajofrín Who Visited the Volcano in May/June 1764	1. History of vulcanological studies
Claudia Principe	Development of the Ignimbrite Concept in Vulcanology: Monte Amiata Rheomorphic Ignimbrite	1. History of vulcanological studies
Maria Margaret Lopes	'As if Geology ended at the Seaside': the Brazilian Volcanic Islands in the Atlantic	1. History of vulcanological studies
Coffee Break		16:10:16:30
History of Vulcanology Symposium (III)		
Chairperson: Hugo Delgado		
Michiko Yajima	Volcanic Eruption and Trial of Prediction: Case Study of Izu- Oshima Volcano near Tokyo	16:30-18:10 1. History of vulcanological studies
Patricia Plunket	Major Eruptions of Popocatepetl Volcano in the First Millenium AD: A View from Northeast Flank	1. History of vulcanological studies
Servando de la Cruz	The Paricutin Volcano Eruption: A Watershed in the Worldwide Vulcanological Research	1. History of vulcanological studies
Silvia F. de M. Figueirôa	Volcanoes, Earthquakes, and Science Fiction: "The Day the World Screamed" by Conan Doyle	1. History of vulcanological studies
Tuesday 13th		
Palace of Mining		
Symposium Early Modern Geological Agency (I)		
Chairperson: Marianne Klemun		
Andre Wakefield	The Mine as Adversary: Leibniz versus the Harz Mountains	9:30-11:10 Early Modern Geological Agency
Jonathan Regier	Relating the Cosmological and Geological in Early Modern Philosophy: The Case of Johannes Kepler and Anselmus Boëtius de Boodt	Early Modern Geological Agency
Pietro Omodeo	Natural History and Human Praxis between Renaissance Vitalism and Magic	Early Modern Geological Agency
Sara Miglietti	An early modern Anthropocene? The idea of Anthropogenic Climate Change in the Early Royal Society	Early Modern Geological Agency

Coffee Break		11:10-11:30
Early Modern Geological Agency (II)		
Chairperson: Marianne Klemun		
Tina Asmussen	Spirited Matter: Mining and Natural Agency in the Harz Mountains	11:30-12:50 Early Modern Geological Agency
Ernst Hamm	"On Nature," Goethe, Spinoza and Geognosie: Late 18th Century Variants of Human and Natural Agency	Early Modern Geological Agency
Francesco Luzzini	Sounding the Depths of Providence. On Mineral (Re)generation and Human-Environment Interaction in the Early Modern Period	Early Modern Geological Agency
Lunch		12:50-14:30
Session 1		
Chairperson: Ezio Vaccari		
Marianne Klemun	"Humboldtian Science" and Beyond: Potentials and Limits of a Historiographical Concept	14:30-15:50 2. Humboldt's influence in earth sciences
Luz Fernanda Azuela	Travel, Maps and Books as Imperial Instruments. The Case of Geological Research in Nineteenth Century Mexico	5. General contributions on the history of Geology
Johannes Mattes	Look Like an Earth Scientist: Thoughts on Scientific Self-depiction on the Example of a Photo Album Dedicated to the Viennese Geologist Eduard Suess (1901)	5. General contributions on the history of Geology
Coffee Break		15:50-16:10
Session 2		
Chairperson: Barry Cooper		
Francisco Omar Escamilla González	Werner's Legacy in Mexico: The First Decade of Orictognosy, 1795-1805	16:10-17:30 3. Werner's Neptunist in America
Lucero Morelos Rodríguez	From Geognosy to Geology: Werner's Followers and Early Earth Sciences in Mexico	3. Werner's Neptunist in America
Renee M. Clary	The Royal School of Mines: Henry De la Beche's Convergence of Professionalization and Public Advocacy	4. History of mining and oil research
Business Meeting 17:45		
Wednesday 14th		
Mid-Meeting Trip		
Tepoztlán		
Departure from Minería Palace		
Arrival at Minería Palace		
Thursday 15th		
Palace of Minig		
Session 3		
Chairperson: Michiko Yajima		
John Diemer	Humboldt's Influence on Murchison's Russian Fieldwork	9:20-11:00 2. Humboldt's influence in earth sciences

Maddalena Napolitani	The Siberian Expedition of Jean Pierre Alibert (1844-1857): The Graphite Exploitation between Art and Science	4. History of mining and oil research
José Alfredo Uribe Salas, and Laura Valdivia	The Cacahuamilpa Caverns: A Space for Geological Sciences of the 19th Century	5. General contributions on the history of Geology
Margret Hamilton	Friedrich Becke's Notes on the Excursion of the Radium Commission of the Imperial Academy of Sciences Vienna to St. Joachimsthal in 1904	4. History of mining and oil research
Coffee Break		11:00-11:20
Session 4		
Chairperson: Mike Johnston		11:20-13:00
Carlos Alberto Mondragón Colín	Geology's Bibliographical Sources in Mexico in the Last Third of the 19th Century	5. General contributions on the history of Geology
Oscar Hugo Jiménez Salas	The First Hundred Years of the Mexican Geological Society (1904-2006)	5. General contributions on the history of Geology
Leonid R. Kolbantsev	Soviet Geologists at the XXth Session of the IGC, Mexico, 1956	5. General contributions on the history of Geology
Dorothy Sack	Marie Morisawa's Itinerant Path to Success	5. General contributions on the history of Geology
Lunch		13:00-14:30
Session 5		
Chairperson: Silvia Figuerôa		14:30-16:10
Martina Kölbl-Ebert	German Petroleum Geologists in World War II	4. History of mining and oil research
Andrea Candela	Searching for Radioactive Minerals in post-WWII Italy	4. History of mining and oil research
Oscar Moisés Torres Montúfar	Building Shortage Geology, Sulfur, and Postwar Economics in the Gulf of Mexico, 1951-1953	4. History of mining and oil research
Tatiana Ivanova Kuzminichna, and Poludetkina Elena	The Discovery of Samotlor, the Largest Russian Oilfield	4. History of mining and oil research
Coffee Break		16:10-16:30
Session 6		
Chairperson: Dante Morán		16:30-17:50
Barry J. Cooper	A History of Iron Ore Mining in Australia	4. History of mining and oil research
Mike Johnston	The Haupiri Question The influence of Mining in Elucidating the Early Paleozoic Stratigraphy of New Zealand	4. History of mining and oil research
Juan Manuel Rodríguez-Caso	The Role of Geology in the Development of Natural Selection Theory: Charles Darwin and Alfred R. Wallace	5. General contributions on

Friday 16th		
Palace of Mining		
Session 7		
	Chairperson: Luz Fernanda Azuela	10:00-11:40
Sharad Master	Manuscript Reports on the Gold Mines of Monomotapa by Francisco de Livera (1633), and on the Rios de Cuama (Zambezi River delta, Mozambique) by João da Costa	4. History of mining and oil research
Dorothy Sack	Contribution of the Scientists of the Moscow University Natural History Museum in Development of Geosciences in XIXth century	5. General contributions on the history of Geology
Oscar Irazaba-Ávila, and Luis Espinosa A.	The Historical Mineralogical Collections of the Museum of the Institute of Geology of the National and Autonomous University of México (UNAM)	4. History of mining and oil research
Luis Espinosa Arrubarrena, and Lucero Morelos	The Museum of the Institute of Geology, UNAM and its Paleontological Heritage: Highlights of Specimens with Historical and Scientific Relevance	5. General contributions on the history of Geology
Coffee Break		11:40-12:00
Keynote Speech		
Dante Morán	Historical Evolution of Concepts on the Tectonic Framework of Mexico	12:00-13:00
Lunch		13:00-14:30
Departure to Museum		14:30
Tour Guide		15:00-16:30
Cocktail		16:30-18:00
Back to Tolsá Square		18:00
Post-Meeting Field Trip		
Tlayúa		Saturday 17th
Oaxaca		Sunday 18th
Oaxaca		Monday 19th
Oaxaca		Tuesday 20th
Back to Mexico City		Wednesday 21st at 12:00

44th INHIGEO Symposium, Varese and Como (Italy), 2-12 September 2019

The conference will take place at the University of Insubria, with scientific sessions being held in Varese and Como and a final session in memory of Nicoletta Morello at the Visconti di San Vito medieval castle in Somma Lombardo. This area of North-Western Lombardy is also known as the Italian ‘lake district’, located within the mountains and the attractive scenery of the Prealps bordering Switzerland. Participants will be based in Varese and transport for the sessions in Como and Somma Lombardo will be provided. The morning scientific session in Como will be followed by a half-day visit of the city.

There will be a special program for accompanying persons.

Conference themes:

- History of the Earth sciences in mountain environments
- History of communication in the geological sciences
- General contributions on the history of geology

The mid-meeting one-day field trip will follow the path of the geo-paleontological excursion on the Prealps north of Varese, undertaken by the participants of the 7th meeting of the Italian Society of Natural Sciences in September 1878.

A post-meeting five-day field trip (8-12 September) will include the UNESCO World Heritage Site of Monte San Giorgio (one of the most important fossil localities in the world for the Middle Triassic, which has been studied since the mid-19th century), the mining park in Cortabbio, the quarries of Valceresio and Ornavasso, Turin city, Oulx and Monginevro in the western Alps.

The first circular will be available in November 2018.

For additional information visit the symposium website (<https://inhigeo2019.jimdofree.com/>) or contact our Vice President Europe, Ezio Vaccari, and the Organizing Committee: inhigeo2019@uninsubria.it

INHIGEO SYMPOSIA 2019-2021

INHIGEO Annual Conferences during this period are scheduled as follows.

- 2018 – 43rd INHIGEO Conference, 12-22 November, Mexico City
- 2019 – 44th INHIGEO Symposium Varese / Como, Italy, 2-12 September 2019
- 2020 – 45th INHIGEO Symposium New Delhi, India (in association with the 36th International Geological Congress) 2-8 March 2020
- 2021 – 46th INHIGEO Symposium, Krakow, Poland, 18-24 July
and DHSR Conference in Prague, Czech Republic, 25-31 July

2020 – 45th INHIGEO Symposium New Delhi, India (in association with the 36th International Geological Congress) 2-8 March 2020

We will be part of the section (1) ‘Geosciences for Society’ with the following topics:

1. Historical achievements in geology on the Indian subcontinent
2. Historical textbooks and handbooks: their function in earth sciences
3. Moving knowledge in earth sciences: historical communication and circulation
4. General contributions on the history of geology

Abstract submissions opens December 2018 and closes August 2019

Early registration opens February 2019 and closes October 2019!

INHIGEO BUSINESS MEETING, Mexico– PROVISIONAL AGENDA (November 13, 17.45)

1. Welcome
2. Regrets/Apologies
3. Arrangement of the agenda (requests for modification)
4. Minutes of the last meeting, YEREVAN, ARMENIA (2017)
5. Discussion / Matters arising
6. President’s report
7. Discussion / Matters arising
8. Secretary General’s report
9. Discussion / Matters arising
10. Editor’s report
11. Discussion / Matters arising
12. IUGS Topics Contributions to “Episodes” Report from our *Episodes* coordinator, Karen Cook.
13. IUHPST/DHST topics (International Union of History and Philosophy of Science and Technology) / (Division of History of Science and Technology)
14. Future meetings of the commission
15. Finalization of 2018 ballot
17. Vote of thanks to our hosts