



Second Circular and Call for Papers



VIII GeoSciEd 2018 –
the 8th International
Conference on
Geoscience Education
(GeoSciEd)
– *Geoscience for Everyone* –



International GeoScience
Education Organisation

“promoting GeoScience education worldwide”



EnsinoGEO
2018

EnsinoGEO-2018 –
VIII Simpósio Nacional
de Ensino e História
de Ciências da Terra /
– *Geociências para Todos* –



July, 22 - 27, 2018
Campinas – Sao Paulo
Brazil



2nd CIRCULAR / Call for Papers **2^a CIRCULAR / Chamada de Trabalhos**

From July 22nd to 27th, 2018, the Convention Center of the University of Campinas will host the 8th International Conference on Geoscience Education of the *International Geoscience Education Organization* (IGEO) / **VIII GeoSciEd 2018** and the 8th National Symposium on Teaching and History of Earth Sciences / **EnsinoGEO-2018**.

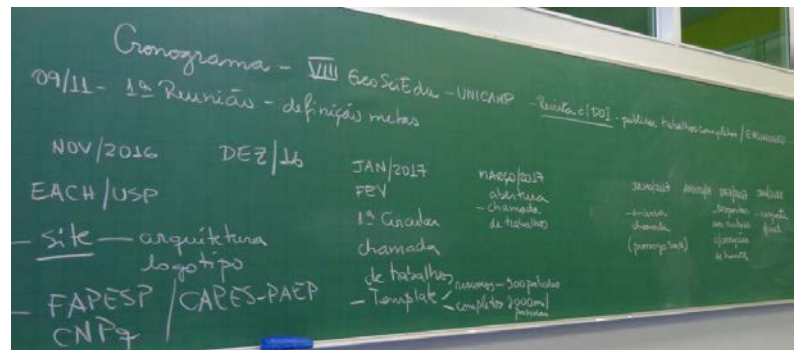
VIII GeoSciEd 2018 will be held for the first time in Latin America. Both events, supported by the Brazilian Society of Geology, seek to stimulate an intensive sharing of experience and knowledge on Geosciences Education among researchers, teachers, students of different levels of schooling and people in general. This will help, among other things, to mitigate the effects of irresponsible communication that some media outlets disseminate about Earth dynamics and their effects on human population.

GEOSCIENCE FOR EVERYONE is the central theme of the conferences, given the role that knowledge and understanding of Geosciences play in promoting the building of values and good sociocultural practices in moving towards sustainability.

Increasingly, the relationship between humanity and nature becomes more complex. Human activities threaten our natural heritage and biodiversity, and promote the sixth major mass extinction of species, but the population has not yet fully understood the magnitude of the threat. The effects of changes in habitats, exploitation of resources and occupation of new territories require further scientific investigation, in order to develop a better understanding. A systemic view is required, in order to understand natural processes, landscapes, and the geological and biological heritage, including all interference of human activity.

VIII GeoSciEd 2018, and **EnsinoGEO-2018** are organized by researchers, teachers, students and professionals from many universities and

cities across the continent who decided to support the Graduate Program on Teaching and History of Earth Sciences (THES) of the Geosciences Institute of Unicamp (IG-Unicamp, Brazil) and the staff of the International Geoscience Education Organization (IGEO).



Sketch from a meeting of the organizing committee.

EnsinoGEO-2018 and **VIII GeoSciEd 2018** will stimulate the participants to present, to debate and to build the current state-of-the-art picture of Earth Science education in the world, in Brazil and in Latin America. Original reports, activities and contributions will be presented and discussed. The collaboration between the events will contribute addressing the problems at different levels: the world, Brazil and Latin America, by discussing trajectories and perspectives of research and teaching of Geosciences, and by establishing links with the History of Natural Sciences. Participants will have time to share and to develop different types of activities: workshops, courses, lectures, games, educational activities, roundtables and fieldtrips. We hope to capture the hearts and minds of future Educators, as well as future Geology and Geosciences professionals, helping them to face new demands, increasingly sophisticated and complex.

Activity	Scheduled Date	Year
Circular 1: Call for papers [Download here]	March 15 th	2017
Circular 2: <i>Second Circular and Call for Papers and Workshop proposals</i> [Earlier deadline!]	July 20 th , 2017	
Submission of papers and workshop proposals	July 20 th – Nov. 30 th	
Earlybird Registration with discount	September – November	
Deadline for paper submissions	November 30 th	
Circular 3: <i>Conference Fieldwork and Cultural Activities</i>	February 28 th	2018
Deadline for the evaluation process of the submitted papers and workshop proposals	February 28 th	
Deadline for definition between oral and poster presentations of papers	March 20 th	
Circular 4: <i>Results of Evaluation of Papers and Workshops</i>	March 30 th	
Deadline for registration of authors or cancellation of a paper	April 30 th	
Advanced registration in workshops and fieldtrips	June 1 st	
Circular 5: <i>Definitive Program and Abstracts</i>	June 1 st	
Deadline for on-line Registration	July 12 nd	
Pre-congress fieldtrips	July 19 th – 21 st	
Congress meetings	July 22 nd – 26 th	
During-congress fieldtrips	July 27 th	
Post-congress fieldtrips	July 28 th to August 1 st	



Motivation

Please [download](#) the complete information about the two conferences in the Circular 1: Call for papers [[here](#)]

EnsinoGEO-2018 and **VIII GeoSciEd 2018** invite those interested in reflecting on **Education and Teaching in Geosciences and History**: what do the Earth Sciences have to say about fast human population growth, concentrated in

giant, interconnected cities with huge demands on energy and resources from the mineral world? At any level of education, training in Geosciences should lead students to understand the earth environment and the effects of human actions, to develop democracy, and to act on behalf of responsible citizenship.

VIII GeoSciEd 2018 will provide opportunities to consider teaching materials (from elementary school to higher education), curriculum models, curricula, and contents of basic education in various regions of the globe. By putting into perspective topics that involve knowledge of nature, windows are opened to address central issues of history, teaching and learning.

Thematic conferences

Distinguished speakers already confirmed:

Guilherme de Oliveira Estrella

Former Director of Exploration and Production (E&P), Petrobras, Rio de Janeiro – Brazil.

José Alberto Bucheb

Manager of the University of Petrobras, Petrobras, Rio de Janeiro – Brazil.

Chris King

Emeritus Professor of Earth Science Education
Work: Education, Keele University, Keele – England.

Iain Stewart

Director of the Sustainable Earth Institute, School of Geography, Earth and Environmental Sciences (Faculty of Science and Engineering) – Plymouth University – England.

Thematic lines

The event covers research and experiences related to Education, Teaching and History of Earth Sciences in the following themes:

- Geosciences in Higher Education
- Environmental Education, Education for Sustainability and Geoethics
- Geosciences and Science, Technology, Society and the Environment
- History of Natural Sciences
- Teaching of Geosciences and Natural Sciences for School-Level Education and Teacher Training
- Communication and Dissemination of Geosciences

Registration Fees

Prices in US\$ dolar – GeoSciEd 2018	Conference delegates	Under-graduate students	Graduate students	Teachers of public schools
Early Bird until November, 2017, advanced registration	150.00	75.00	75.00	50.00
After November, 2017 until March, 2018	250.00	125.00	125.00	75.00
After March, 2018	320.00	160.00	160.00	100.00

Accompanying person: 15% of the corresponding registration fee at the payment date.

Fieldwork

GeoSciEd congress and **EnsinoGEO** symposium will be full of fieldwork opportunities: pre-conference, during-conference and post-conference. The activities will be offered to both national and foreign participants, as well as to students and Brazilian teachers of basic schools. The accumulated experience of previous events indicates that this type of interaction is highly stimulating and

- Technology and Educational Innovation
- Geoconservation, Geotourism and Geoheritage

Workshops on Geoscience Teaching for South American teachers of basic education are already scheduled.

Possible formats for submission

The **program** will include lectures, round tables, didactic workshops, coordinated sessions of oral panels or oral communications, as well as field activities in the region and cultural activities. Several workshops and lectures will be offered for teachers of the Campinas region.

How you can participate:

- as a participant
- as an article presenter and / or the party responsible for a workshop

The papers can be:

- unpublished results of research already completed;
- partial results of ongoing research;
- additional results of a research already published, indicating where it is available;
- reports of educational and popularization of science experiences.

promotes the strengthening of long-lasting links of scientific exchange and friendship.

Pre-conference Fieldtrips

- Geology, landscape, culture and history: Geotourism and education on the coast of São Paulo. Period: 19 to 21/07/2018 (this requires a 2-night stay)
- Proterozoic deserts and mining in Diamantina (Serra do Espinhaço, Minas Gerais): connections between science, education and history

Period: 19 to 21/07/2018 (this requires a 2-night stay).

During-conference Fieldtrips

[Duration 1 day: 07/27/2018. The registration fee is included in the conference registration fee].

- Urban Geotourism in São Paulo city
- Ancient roots of a mountain range resulting from the Brasiliano cycle: the São Roque Group
- Explaining events of glaciation and volcanism in the region of Campinas-SP
- A look at the economic history of the State of São Paulo: from the Ibicaba imperial coffee farm to modern ceramic and agroindustrial production.

Post-conference Fieldtrips

- "Darwin Trails", a scientific, educational and cultural tourist route in cities of the State of Rio de Janeiro
- Period: 28 to 01/07/2018 (this requires a 4-night stay)

Educational workshops

During **VIII GeoSciEd 2018** the didactic workshop "GET2class – Geoscience Education for Teachers in classrooms" is planned, aimed at Brazilian teachers of basic education.

Workshop proposals shall have:

A clear and concise title in English; full name of authors, institutional and electronic addresses and, if applicable, funding agencies; abstract of 400 to 900 words; keywords (3 to 6). The level of education for which the workshop is designed should be indicated, as well as the type of activity (game, experimental activity, audiovisual etc.), and the specific conditions under which it was tested. The existing infrastructure and facilities for fieldtrips, as well as the level of health challenges/difficulties must be clearly stated. The proponents shall assume the responsibility for providing all didactic

materials required for completing the activities in Campinas. The university computer labs at the campus can be used, so the proponents must indicate their needs in advance for reservation of the labs.

Sponsor

SBG –Brazilian Society of Geology

Realization

IGEO– International Geoscience Education Organization
 IG-Unicamp – Geosciences Institute Unicamp
 THES – Graduate Program on Teaching and History of Earth Sciences / Unicamp
 AEPECT – Asociación Española para la Enseñanza de las Ciencias de la Tierra
 AGID – Association of Geoscientists for International Development
 FNCG – National Forum of Geology Courses
 IAGETH– International Association for Geoethics
 IAPG – International Association for Promoting Geoethics
 INHIGEO – International Commission on the History of Geological Sciences
 IUGS – Int. Union of Geological Sciences
 EACH-USP – Arts, Sciences and Humanities School
 Febrageo – Brazilian Federation of Geologists
 IGc-USP – Geosciences Institute
 UFRGS – Geosciences Institute
 UNIFESP – Federal University of Sao Paulo
 PUC-SP – Pontifical Catholic University of Sao Paulo
 DeVry Group
 CPRM – Geological Survey of Brazil
 UNESCO – United Nations Educational, Scientific and Cultural Organization
 UFRJ – Geosciences Institute
 UFPEL – Engineering Center of the Federal University of Pelotas

Organizing Entities

MCI / Acqua Consultoria

Conference schedule

	10-12/jul	19-21/jul	20-21/jul	22/jul	23/jul	24/jul	25/jul	26/jul	27/jul	28/jul	29/jul	30/jul	31/jul	1/ aug
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09:00–09:30	GEO-SCHOOL – Didactic activities for teachers of Basic Schools / Optional pre-conference fieldtrip	GEO-SCHOOL – Didactic activities for teachers of Basic Schools / Optional pre-conference fieldtrips	GET2class – Geoscience Education for Teachers in classroom	Reception of delegates from 14:00h to 17:30h	Thematic Sessions Oral Presentations	Thematic Sessions Oral Presentations	Thematic Sessions Oral Presentations	Thematic Sessions Oral Presentations	During-Conference fieldwork	Optional post-conference fieldtrip	Optional post-conference fieldtrip	Optional post-conference fieldtrip	Optional post-conference fieldtrip	Optional post-conference fieldtrip	
09:30–09:50					Thematic Sessions Oral Presentations	Thematic Sessions Oral Presentations	Thematic Sessions Oral Presentations	Thematic Sessions Oral Presentations							
09:50–10:10					COFFEE BREAK										
10:10–10:30					Thematic Sessions	Thematic Sessions	Thematic Sessions	Thematic Sessions							
10:30–11:00					Poster session	Poster session	Poster session	Poster session							
11:00–11:20					LUNCH										
11:20–11:40					Thematic Sessions Oral Presentations	Thematic Sessions Oral Presentations	Thematic Sessions Oral Presentations	Thematic Sessions Oral Presentations							
11:40–12:30					Lecture Keynote Speaker	Lecture Keynote Speaker	Lecture Keynote Speaker	Lecture Keynote Speaker							
12:30–13:00					COFFEE BREAK										
13:00–13:30					Poster session	Poster session	Poster session	Poster session							
13:30–13:50					Opening Session	Cultural activities	Cultural activities	Conferen- ce dinner							Closing Session
13:50–14:10															
14:10–14:30					COFFEE BREAK										
14:30–14:50					Poster session	Poster session	Poster session	Poster session							
14:50–15:10					Closing Session	Cultural activities	Cultural activities	Conferen- ce dinner							Closing Session
15:10–15:30															
15:30–16:00					COFFEE BREAK										
16:00–17:00					Poster session	Poster session	Poster session	Poster session							
17:00–18:00					Closing Session	Cultural activities	Cultural activities	Conferen- ce dinner							Closing Session
18:00–18:30															
18:30–19:00					COFFEE BREAK										
19:00–19:30					Poster session	Poster session	Poster session	Poster session							
19:30–21:00					Closing Session	Cultural activities	Cultural activities	Conferen- ce dinner							Closing Session

Scheduled activities to occur simultaneously: (1) National Forum of Geology Courses Meeting. (2) IGEO Council Meeting. (3) Workshop on Geoscience Education in Latin America.

Papers for Oral Communication or Panels shall have:

A clear and concise title in English. Full name of authors, institutional and electronic addresses and, if applicable, funding agencies. Abstract with a maximum of 200 words (please download the *template* from the [website](#)). Keywords (3 to 6) in English. The thematic line to which the article belongs must be indicated. Full text with a minimum of 2 and a maximum of 8 A4 pages, 1.5 line spacing, Times New Roman size 12, all margins of 2.0 cm. Complete papers may be published in special editions of the journals *Terræ Didactica*, *Terræ* and *Geologia-USP Didactic Series*. The authors must follow the PAPER SUBMISSION GUIDELINES of the [site](#) of **VIII GeoSciEd 2018**:

- From the site, you can download a **template** for publishing a paper. The publication of any manuscript should follow the standards described in this **template**.
- Each paper can have up to 7 (seven) authors.
- Authors may submit as many papers as they want, but for the purpose of presentation at the congress and publication in the *Annals*, only 2 (two) papers per registration will be allowed.
- The page settings for an Extended Abstract (2-3 paper sheets) or a Full Paper (4-8 paper sheets) are: A4 sheet; Margins (top, bottom, right and left) of 2.0 cm; single spacing.
- Papers that do not follow the guidelines will be automatically rejected, without

going through the evaluation of the Session Coordinators and Scientific Committee.

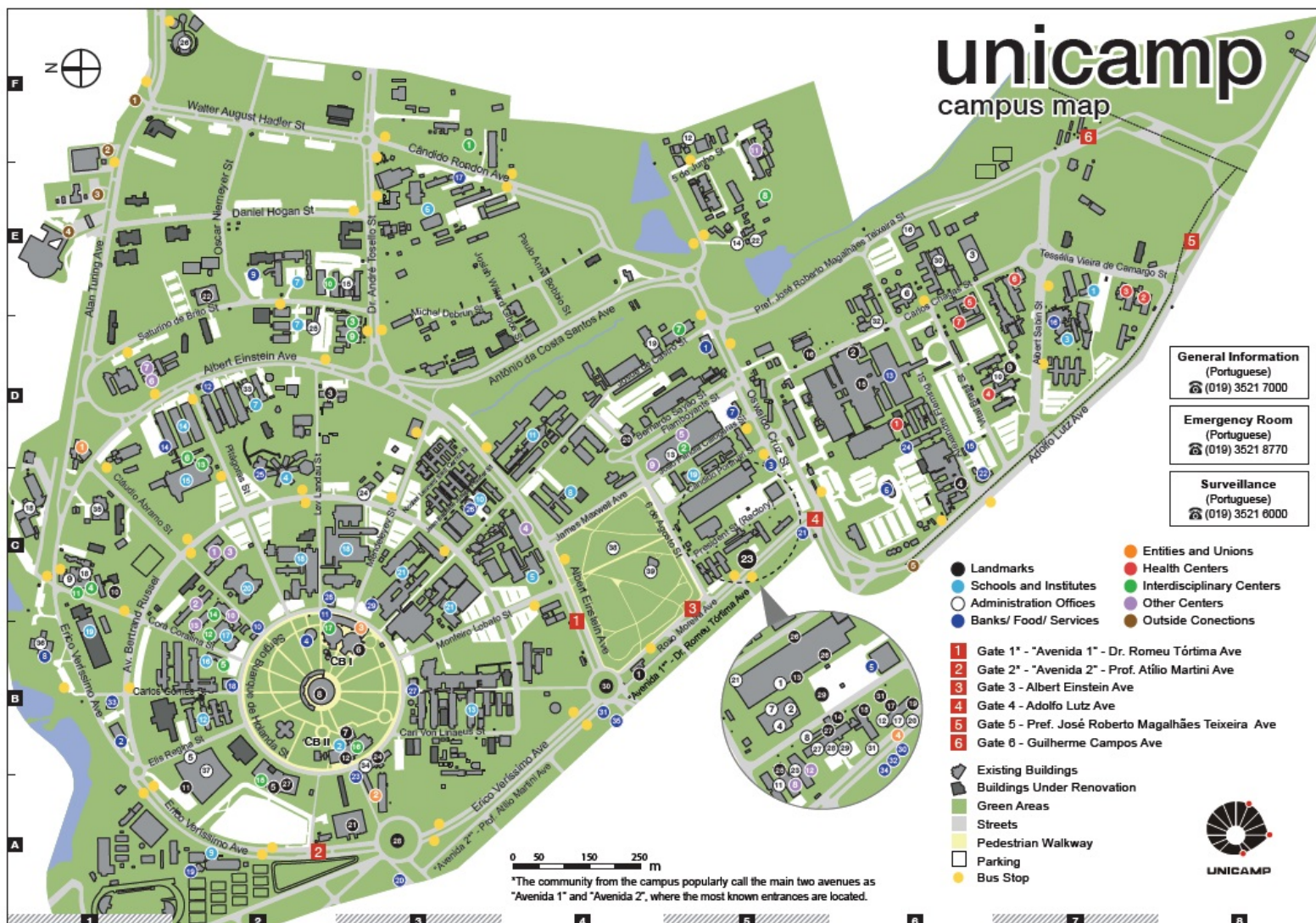
- During submission, a single Word® file formatted in accordance with the Paper Submission Guidelines must be attached.
- The evaluation of the contributions will be carried out by the Session Coordinators and the Scientific Committee, taking into account: (i) the relationship of the communication to the Conference topics; (ii) quality and technical-scientific originality of the contribution; (iii) absence of conceptual errors; and (iv) that the abstract does not represent a proposal or intention to perform a particular study

without presenting results.

- The authors of the approved extended abstracts or full papers may be invited to make eventual corrections. After the end of the evaluation period, correction or replacement of files will no longer be allowed. Any mistake, whether typing, spelling etc., will be the sole responsibility of the author(s).
- The presentation format chosen by the author (panel or oral) may not be the final format of the presentation. The presentation format will be defined later by the Session Coordinators and the Scientific Committee.

Useful Links

Map of the campus: <http://www.internationaloffice.unicamp.br/english/unicamp-campus-map/>



Submissions:

<http://www.ige.unicamp.br/geosci2018/en/submissions/>

<http://www.acquacon.com.br/intranet/login.asp?idioma=EN&idevento=240&menu=0&ultimoid=0&control=0>

Website: <http://www.ige.unicamp.br/geosci2018/en/>

Site to download the first circular:

http://www.ige.unicamp.br/geosci2018/wp-content/uploads/sites/38/2017/07/GeoSciEd-2018-1_FIRST-circular-UPDATED.pdf

Secretary

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Organizing Committee

Honour President

Guilherme de Oliveira Estrella

Chairman

Pedro Wagner Gonçalves

General-Coordinator

Rosely Aparecida Liguori Imbernon

Members/coordinators of subcommittees

Scientific Committee	Pedro Wagner Gonçalves
Technical-Scientific Committee	Chris King
Communication Committee	Celso Dal Re Carneiro
Cultural and Social Committee	Edson Roberto Souza
Fieldwork Committee	Denise de La Corte Bacci
Financial Planning Committee	Rosely Aparecida Liguori Imbernon
Infrastructure Committee	Antonio Carlos Vitte
International Exchange Committee	Roberto Greco