



INVITATION

to the *GEOMATES '19 International Congress on Geomathematics in Earth- & Environmental Sciences*

The conference will be held from 16-18 May 2019 in Pécs, Hungary at the Pécs Regional Committee of the Hungarian Academy of Sciences (7624 Pécs, Jurisics M. str. 44.) and is preceded by a pre-conference workshop on 15 May 2019.

Planned sections/topics of the congress. Each section will begin with a keynote speech of a distinguished professor (full list to be announced):

- Analysis of monitoring time series
- Mathematical aspects of reservoir geology
- Assessment of geophysical datasets - interpretation & uncertainty
- Big data: challenges of earth science databases
- Climate modelling - extremities, past & future
- Data analysis in engineering geology
- Geoinformatics
- Conquering space - remote sensing
- Automation and industry 4.0 in geo-services
- Quantitative methods in palaeontology
- Agrarian- and environmental informatics, soil mapping

We expect the participation of professionals who deal with these topics and work in related fields, and who would like to present their domestic and international achievements in lectures and/or posters or just participate as audience.

The official language of the Congress is *English*.

The website of the event is www.geomates.eu, where all information regarding registration and abstract submission will be available from 01. December 2018.

Online registration and abstract submission is open from 2. January 2019.

Registration fees:	Early registration (by 10. March 2019)	In time registration (by 7 April 2019)	Late registration (by 5 May 2019)
Member of the HGS*	30,000 HUF / 95 EUR	35,000 HUF / 110 EUR	40,000 HUF / 125 EUR
Non HGS member	37,000 HUF / 115 EUR	42,000 HUF / 130 EUR	47,000 HUF / 145 EUR
Student HGS member	25,000 HUF / 80 EUR	30,000 HUF / 95 EUR	35,000 HUF / 110 EUR
Student non HGS member	29,000 HUF / 90 EUR	34,000 HUF / 105EUR	39,000 HUF / 120 EUR

*Hungarian Geological Society

Registration fees cover the attendance at the conference, publishing of the short abstracts in the electronic congress book (with an ISBN number), coffee breaks, lunches and an ice-breaker dinner.

Conference fees do not include accommodation, gala dinner on the second day (5,500 HUF).



Short Computer Course in Trend Analysis by Manfred Mudelsee

The statistical analysis of trends is a challenge because of non-normal distributions and persistence. The course lectures present bootstrap resampling as a powerful, robust, computing-intensive tool able to meet the challenge. Real-world climate data serve to illustrate the methods in computer tutorials. *Participants are welcome to bring a laptop and own data.*

Dr. Mudelsee has a diploma in physics, a doctoral degree in geology and did a postdoc in statistics.

<http://climate-risk-analysis.com/mudelsee/index.html>

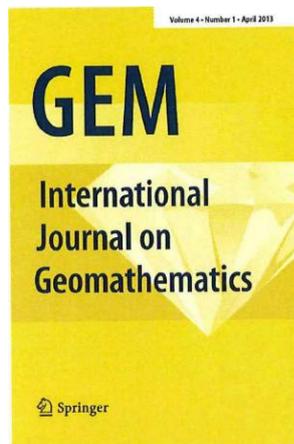
<http://www.manfredmudelsee.com/index.htm>

<http://www.manfredmudelsee.com/book/>

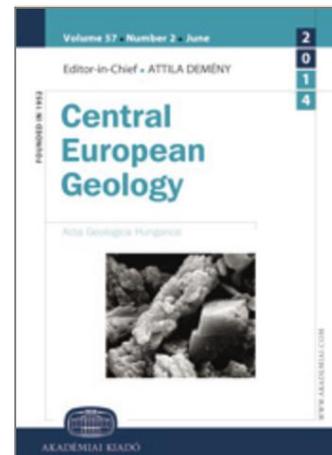
Participation cost 95 EUR (including course book and pendrive (software), lunch and coffee breaks).

Pre-registration and further details can be found on www.geomates.eu.

Proceedings and special issues



On the occasion of GeoMATES '19, special issues will be published in **International Journal on Geomathematics** (Editor-In-Chief: Willi Freeden) and **Central European Geology** (Editor-In-Chief: Attila Demény), covering topics of the conference. The calls are exclusively for GeoMATES '19 participants. Submissions to all journals will be open between 1 Aug 2019 - 31 Sep 2019.



Abstract submission deadlines

Submission of short abstract:

by 7 April 2019.

Notification about short abstract acceptance:

continuous, but latest by 19 April 2019.

Short abstract template and instructions on abstract submission are available on the website.

For any queries, contact us at geomat.mft@gmail.com !

Registrations only become active if the registration fee arrives to the organizers account. It has to be wired/payed on the day of the registration. Payment of the registration fee is necessary but not sufficient for abstract acceptance. **IMPORTANT:** registration fees for authors with oral and poster presentations have to be paid by 7 April 2019.

We warmly welcome all colleagues!

Pécs-Budapest, 15. November 2018

Ferenc Fedor
Chairman

István Gábor Hatvani
Secretary