

15th Meeting of the Association of European Geological Societies

# MAEGS-15

**Georesources and public policy:  
research, management, environment**

**16-20 September 2007, Tallinn, Estonia**

## First Circular



**MAEGS-15**  
Estonia 2007

15<sup>th</sup> Meeting of the Association of European Geological Societies

## MAEGS-15

### *Georesources and public policy: research, management, environment*

#### First Circular



#### Invitation

The Association of European Geological Societies (AEGS) and the Geological Society of Estonia (EGeoS) cordially invite all geoscientists and students of related fields to participate in MAEGS-15 — the 15<sup>th</sup> Meeting of the Association of European Geological Societies — that will take place on 16–20 September 2007, in Tallinn, Estonia.

The conference will be devoted to georesources and their management, which are among the key issues not only in present-day Earth sciences but also in politics and the world economy. MAEGS-15 is closely connected with the International Year of Planet Earth, an initiative of IUGS and UNESCO aiming to increase the knowledge and public awareness in geosciences.

The scientific scope of the meeting will cover various Earth resources including hydrocarbons, minerals, raw materials and groundwater, their geology and sustainable management. Additional topics focus on environmental geology and georesources of the Baltic region. Although organised by AEGS, the geographical scope of the meeting is not restricted to Europe — participants from and contributions on other regions are all most welcome.

We are looking forward to meeting you in Tallinn.

*Dr. Rein Raudsep*  
*President of the Association  
of European Geological Societies*

*Prof. Alvar Soesoo*  
*President of the Geological Society of Estonia*

September 2006

## Important dates

1 January 2007	Deadline for "Early Bird" registration and payment of reduced fee
April 2007	Distribution of the Second Circular
31 May 2007	Payment of regular registration fee and submission of abstracts
31 July 2007	Payment of late registration fee (after this date on-site registration fee will be applied)
August 2007	Distribution of the Third Circular with detailed programme
16–18 September 2007	Technical sessions in Tallinn
19–20 September 2007	Geological excursion
December 2007	Submission of manuscripts of selected papers for the conference volume

## Scientific topics

The scientific focus of the MAEGS-15 conference will be on the formation, sustainable use and management of various georesources including, but not limited to, oil and gas (including methane hydrates), oil-shale and coal, mineral ores (including platinum group elements), raw materials, peat and soil, and groundwater. A special attention will be devoted to public policy and social and economic aspects related to utilization of Earth's resources. Additional topics of the conference aim at environmental and Quaternary geology, and geology and georesources of the Baltic region. Thematic sessions will have invited keynote speakers, whose names will be announced in the Second Circular and on the conference website in early 2007.

The meeting will not be geographically restricted to Europe, participants from, and presentations on, other countries are all welcome.

## About Estonia

Estonia (Republic of Estonia) is a country in Northern Europe. Its area is 45 227 km<sup>2</sup>. The capital of Estonia is Tallinn, famous by its medieval Old Town. The population of the country is 1.4 million and about 0.4 million people live in Tallinn. Estonia has land borders with Latvia to the south and Russia to the east. It is separated from Finland in the north by the Gulf of Finland and from Sweden in the west by the Baltic Sea. Estonia is a member of the European Union. The currency is Estonian Kroon (EEK) and 1 EURO equals to 15.65 EEK.

You should check out if you need visa for Estonia ([www.vm.ee/eng](http://www.vm.ee/eng)). If you need an official invitation, please let the organisers know.

Please note that the organisers cannot accept responsibility for accidents that might occur in connection with the conference or excursion. Delegates are encouraged to purchase travel insurance before leaving their home country.

For more information about Estonia and Tallinn see [www.visitestonia.com](http://www.visitestonia.com) and [www.tallinn.ee](http://www.tallinn.ee).

## Travel information

Tallinn has direct flight connection with many European cities. Ferries from Stockholm and Helsinki, numerous bus lines, and car transport are other options.

Airport, ferry and bus terminals are located very close to the city centre. The hotels and conference hall can be reached by taxi, public transportation (details will be provided in the next circulars) or on foot.

## Venue

The conference will be held at the Estonian National Library Conference Centre, located in the centre of Tallinn, not far from many hotels and the historical Old Town. The Library Conference Centre has all technical facilities needed for presentations, free WiFi service etc. Lunches will also be served in the library canteen.

## Accommodation

Participants will be responsible for arranging their accommodation. There are many hotels available in Tallinn, with price tags starting from EUR 20 and reaching well over EUR 200. A detailed list of accommodation options will be provided in the Second Circular. Please check also the list of hotels and hostels at Tallinn's website at [www.tallinn.ee](http://www.tallinn.ee).

A budget accommodation in the Academic Hostel ([www.academichostel.com](http://www.academichostel.com)) can be arranged for about EUR 15 / night in double rooms. If you are interested in this option, please tick the appropriate box on the registration form.

## Presentations

The official language of the conference will be English and no translation services will be provided.

General talks will last 15 min, and those of keynote speakers 30 min (including questions and discussion). The LCD projector and computers will be available, but upon request slide and overhead projectors could also be used. Please prepare (or check) your presentation file in recent version of OpenOffice.org Impress, Microsoft Power Point or Adobe Acrobat. The participants will be asked to copy their files well before their talk is scheduled.

Posters are to be prepared in standard A0 size, portrait.

Please note that slide shows of all oral presentations and images of posters will be published on the website after the conference under the Creative Commons License that allows using, modifying and distributing them for non-commercial purposes and with appropriate credit to the original author(s).

## Abstracts

Abstracts should be written in correct English and submitted by e-mail [maegs15@maegs15.org](mailto:maegs15@maegs15.org). The length of an abstract is limited to two A4 pages with 2.5 cm margins and 11pt serif font, single-spaced. Please capitalize title, indicate the affiliations of all co-authors and the e-mail address of the corresponding author. Add an empty line after title and before the main text. Use a recent version of OpenOffice.org or Microsoft Word as the word processor. The abstracts may include line-art illustrations but no photographs. Illustrations must be submitted as separate files in pdf format and not embedded in the text.

Members of the Scientific Committee will decide on the balance between oral and poster presentations after the receipt of abstracts and reserve the right to accept or refuse any submission. Please note that your paper can be included in the program and abstracts volume only if your conference fee is paid in due time.

All authors will be informed in two weeks upon arrival of their abstract(s). If not, please contact the organisers to ensure arrival of your abstract(s).

Abstracts which do not follow the guidelines given herein will be rejected. The deadline for submitting abstracts is **31 May 2007**.

## Publication of selected papers

The papers to be published in the thematic issue of an international geological journal will be selected during and shortly after the conference. As the negotiations with several journals are currently in progress, the journal name will be announced in the Second Circular.

The deadline for submitting the manuscripts will be **December 2007**, and publication of the volume is expected in 2008.

Please note that all papers will be peer-reviewed and edited as regular papers of the journal and acceptance of manuscripts cannot be guaranteed.

## Geological Excursion

The aim of the post-conference geological excursion on 19–20 September 2007 is to acquaint the participants with geology and major georesources of Estonia, government regulations regarding environment protection and particular production processes. The excursion will be guided by experts in regional geology, mining and protection of environment.

On the first day participants will visit NE Estonia to see localities and production of **oil shale** — a type of Upper Ordovician kerogene-rich rock that is used in power-plants and oil industry. It is worth mentioning that Estonia gets nearly 95% of its electricity from the oil-shale, being the leading country to utilise this georesource. Wide use of oil-shale has introduced a number of environmental and social problems which will be also discussed during the excursion. In addition the production of Middle Ordovician **building limestone** will be shown in the Vão quarry. This richly fossiliferous thin-bedded rock has been used in construction of the World Heritage Old Town of Tallinn. Lower Cambrian to Middle Ordovician succession of sandstones and limestones will be demonstrated at the **Baltic Klint** — a nearly 1200-km long landform that provides some of the most attractive geosites in Estonia. Optional stops in the first day include Kunda clay pit, where the Lower Cambrian “**Blue Clay**” famous for its freshness and plasticity can be seen, and a site of **erratic boulders** for which Estonia is also well known (102 out of the 110 officially designated gigantic boulders of northern Europe are found in Estonia).

Please note that participants will return to Tallinn and need to arrange their accommodation accordingly, as necessary.

The second excursion day will head to western and SW Estonia. First, a working quarry of Silurian **dolostone** will be visited. Since peatlands are widespread in Estonia covering more than 20% of the territory, **peat** is also an important and widely utilised georesource. Production of peat will be demonstrated at a commercial Lavassaare deposit. After that a peatland in its natural state will be shown in beautiful and protected Tolkuse mire. Optionally, usage of **curative mud** will be discussed and demonstrated. The last stop of the day is a **clay** pit at Arumetsa, where raw material for lightweight aggregate and blocks is being mined.

Participants will return to Tallinn at about 6 PM.

Please check the conference website for updated information. Field guide of the AEGS Executive Committee excursion from July 2006 that covers the first day of MAEGS-15 excursion can also be found at [www.maegs15.org](http://www.maegs15.org).

The excursion is planned so that only moderate walking is needed. The temperature in September is usually between 10–20°C. Participants should however prepare for windy weather and possible showers.

## Social programme

The social programme includes Ice Breaker Party, a guided tour in UNESCO World Heritage Old Town of Tallinn, and the Conference Dinner (please note that the dinner is not included in regular conference fee). A separate programme for accompanying persons will be announced in the Second Circular and on the conference website.

## Registration and fees

The registration form can be filled in online at the conference website. It can also be downloaded from there in pdf and Microsoft Word formats for filling and/or printing. A copy of the replay and registration form can be found inside the First Circular or obtained from the Conference Secretary (e-mail: [maegs15@maegs15.org](mailto:maegs15@maegs15.org), fax: +372 620 30 11).

Regular registration is open until 31 May 2007. However, to ensure receiving Second Circular and further information please return the replay and registration form before **1 January 2007**. Note that it is not necessary to fill in all fields in the form — the minimum you should indicate is your name and e-mail address. To receive the “Early Bird” discount, your payment must be received before 1 January 2007.

Below conference fees are given both in Estonian Kroons (EEK) and Euros (EUR). For credit card payments, we can accept only local currency (EEK). If you would like to pay by credit card, it is recommended that you submit the registration form by fax — this is to ensure the safety of your card data. (Please note that the equivalence of the prices in EEK and Euros is approximate, subject to rounding, and to exchange rate fluctuations and commission variations.)

“Early Bird” registration, payment due in 1 January 2007	<b>EUR 120</b>	<b>EEK 2000</b>
Regular registration, payment due in 31 May 2007	<b>EUR 150</b>	<b>EEK 2500</b>
Late registration, payable between 1 June and 31 July 2007	<b>EUR 200</b>	<b>EEK 3000</b>
On-site registration, payable after 31 July 2007	<b>EUR 250</b>	<b>EEK 4000</b>
Field excursion, payment due in 31 May 2007	<b>EUR 100</b>	<b>EEK 1500</b>
Accompanying person	<b>EUR 65</b>	<b>EEK 1000</b>
Conference Dinner	<b>EUR 30</b>	<b>EEK 500</b>

The conference fee includes access to all sessions, abstract volume, coffee-breaks, lunches, excursion field guide and the ice breaker party. It does not include accommodation, local transport and the field excursion, which have to be paid separately.

### Financial support / reduced registration fee

If you need financial support to attend MAEGS-15 please submit a free-form application along with your registration by e-mail ([maegs15@maegs15.org](mailto:maegs15@maegs15.org)) providing the following details: name, scientific degree, affiliation, current position, title of presentation, and the reason why you need support. Each application will be considered on individual basis in early 2007. Please submit your application before **1 January 2007**.

## Cancellation

Refunds of 50% of the fees will be paid if the cancellation is received before **31 July 2007**. No refunds are possible after this date.

## Payment

### By credit card

Payment is easiest by credit card. We can accept Visa and Eurocard/Mastercard.

Fill in appropriate fields in the registration form and fax it to the organizers: +372 620 30 11.

Please note that we can accept credit card payments only in local currency (Estonian Kroons, EEK).

NB! Never send your credit card data by unencrypted e-mail or submit them via insecure http connection!

### By bank transfer

Other payment option is using bank transfer. The bank details are as follows:

Beneficiary: The Geological Society of Estonia Beneficiary bank: Hansapank SWIFT/BIC: HABAE2X International bank account number (IBAN): EE062200001120030179
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Please state your name and "MAEGS-15 registration" in the description and ensure that all bank charges are paid by yourself and are not deducted from the amount to be transferred (i.e. tick „without charges to beneficiary“). Invoice for paying the registration fee will be sent to you upon request. Please contact the conference secretary by e-mail ([maegs15@maegs15.org](mailto:maegs15@maegs15.org)). Otherwise you will get a receipt at the registration desk during the conference.

### In cash

It will be possible to pay the fee at the registration desk during the conference.

Please note that we cannot accept checks or any other type of payment.

## **Organising Committee**

- Dr. Rein Raudsep, Chairman, President of AEGS, Estonian Ministry of the Environment
- Saima Peeterman, Secretary, Institute of Geology at Tallinn University of Technology
- Tarmo All, Geological Survey of Estonia
- Heikki Bauert, NGO GEOGuide Baltoscandia
- Dr. Olle Hints, Institute of Geology at Tallinn University of Technology
- Dr. Ene Kadastik, Estonian Ministry of Education and Research
- Anne Pöldvere, Geological Survey of Estonia
- Kalmer Sokman, Eesti Põlevkivi Ltd.
- Prof. Ingo Valgma, Department of Mining, Tallinn University of Technology

## **Scientific Committee**

- Prof. Dimitri Kaljo, Chairman, Institute of Geology at Tallinn University of Technology
- Prof. Kalle Kirsimäe, Institute of Geology, University of Tartu
- Dr. Vello Klein, Geological Survey of Estonia
- Dr. Vassili Kolka, Kola Science Centre, Russian Academy of Sciences
- Dr. Keijo Nenonen, Geological Survey of Finland
- Dr. Erik Puura, Institute of Technology, University of Tartu
- Prof. Anto Raukas, Institute of Geology at Tallinn University of Technology
- Dr. Jonas Satkunas, Geological Survey of Lithuania
- Prof. Alvar Soesoo, Institute of Geology at Tallinn University of Technology

## **Sponsors**

- Environmental Investments Centre ([www.kik.ee](http://www.kik.ee))
- Geological Society of Estonia ([www.egeos.ee](http://www.egeos.ee))
- Association of European Geological Societies ([www.aegs.org](http://www.aegs.org))
- Institute of Geology at Tallinn University of Technology ([www.gi.ee](http://www.gi.ee))
- Geological Survey of Estonia ([www.egk.ee](http://www.egk.ee))
- Institute of Geology, University of Tartu ([www.ut.ee/BGGL](http://www.ut.ee/BGGL))
- Department of Mining, Tallinn University of Technology ([www.ttu.ee/maeinst](http://www.ttu.ee/maeinst))
- NGO GEOGuide Baltoscandia

## **Contact**

Should you have any questions or need further information please check the conference website and do not hesitate to contact the organisers.

**Website:** [www.maegs15.org](http://www.maegs15.org)

**E-mail:** [maegs15@maegs15.org](mailto:maegs15@maegs15.org)

**Phone:** +372 620 30 10, +372 505 48 23

**Fax:** +372 620 30 11

### **Address:**

MAEGS-15 Secretary  
Geological Society of Estonia  
Ehitajate tee 5, 19086 Tallinn  
ESTONIA



## REPLAY AND REGISTRATION FORM

Please fill in appropriate fields and return the form by e-mail: [maegs15@maegs15.org](mailto:maegs15@maegs15.org), fax: +372 620 30 11 or regular mail: Geological Society of Estonia, Ehitajate tee 5, 19086, Tallinn, Estonia

### Personal data

First name(s):		Last name:	
Title(s):		<input type="checkbox"/> MALE <input type="checkbox"/> FEMALE	
Affiliation:			
Address:			
Country:			
Phone:	Fax:	E-mail:	

### Conference

I will participate: <input type="checkbox"/> CERTAINLY <input type="checkbox"/> PROBABLY <input type="checkbox"/> POSSIBLY	
Preliminary title(s) of presentation(s):	
Preferred type of presentation: <input type="checkbox"/> ORAL <input type="checkbox"/> POSTER	
<input type="checkbox"/> I am interested in submitting a paper for thematic volume in an international geological journal	
<input type="checkbox"/> I will participate in the geological excursion on 19-20 September 2007	
<input type="checkbox"/> I need budget accommodation in the Academic Hostel *	Preferred roommate:
Special needs if any (vegetarian etc):	
Other comments and questions:	

### Registration fees (optional before May 2007, unless interested in "Early Bird" discount)

Payment option	<input type="checkbox"/> CREDIT CARD	<input type="checkbox"/> VISA	<input type="checkbox"/> EUROCARD / MASTERCARD	
		CARDHOLDERS NAME:		
		CREDIT CARD NUMBER:		
		EXPIRATION DATE (MM/YY):		
		CARD SECURITY CODE **:		
		CARDHOLDERS SIGNATURE:		
	<input type="checkbox"/> BANK TRANSFER ***			
	<input type="checkbox"/> IN CASH ON-SITE			
Amount to be paid	"Early Bird" registration (before 1 January 2007)		EUR 120	EEK 2000
	Regular registration (before 31 May 2007)		EUR 150	EEK 2500
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	Excursion (may not be available after 31 May 2007)		EUR 100	EEK 1500
	Accompanying person		EUR 65	EEK 1000
	Conference Dinner (may not be available after 31 May 2007)		EUR 30	EEK 500
	TOTAL (in EEK please if using credit card)		EUR	EEK

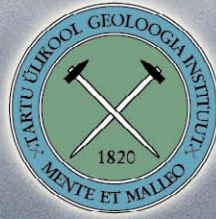
Date:

Signature:

\* ca EUR 15 / night in double room, check [www.academichostel.com](http://www.academichostel.com).

\*\* Flip your card over and look at the signature box. You should see either the entire 16-digit credit card number or just the last four digits followed by a special 3-digit code. This 3-digit code is your Card Security Code

\*\*\* Beneficiary: The Geological Society of Estonia, Beneficiary bank: Hansapank, SWIFT/BIC: HABAE2X, International bank account number (IBAN): EE062200001120030179, please put MAEGS-15 in the description.



[www.maegs15.org](http://www.maegs15.org)  
[maegs15@maegs15.org](mailto:maegs15@maegs15.org)



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|------------------|---|
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| 16-18 Sept. 2007 | Technical sessions in Tallinn   |
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| December 2007    | Submission of manuscripts of selected papers for the conference volume      |