

**EAGE**

CONFERENCE & EXHIBITION

# NEAR SURFACE GEOSCIENCE'20

7-11 DECEMBER 2020 | AMSTERDAM, THE NETHERLANDS

26<sup>th</sup>

European Meeting of  
Environmental and  
Engineering Geophysics

4<sup>th</sup>

Applied Shallow Marine  
Geophysics Conference

3<sup>rd</sup>

Conference on Geophysics  
for Mineral Exploration  
and Mining

## SECOND ANNOUNCEMENT



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#NSG2020   



# WELCOME TO THE NEAR SURFACE GEOSCIENCE CONFERENCE & EXHIBITION 2020

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Environmental and  
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Applied Shallow Marine  
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Conference on  
Geophysics for Mineral  
Exploration and Mining

## About the event

For this year's Near Surface Geoscience Conference & Exhibition, the 26<sup>th</sup> European Meeting of Environmental and Engineering Geophysics will be accompanied by two returning successful conferences, the 4<sup>th</sup> Applied Shallow Marine Geophysics Conference and the 3<sup>rd</sup> Conference on Geophysics for Mineral Exploration & Mining. Each of these conferences will have its own scientific programme that is open to all registrants. This will give you the opportunity to benefit from all three conferences.

The scientific conference will consist of plenary talks and oral and poster presentations. It will be the place where experts from government, industry, consultancy and academia come to share knowledge and experiences and discuss all aspects from present operations and emerging technologies, to future needs.

## FACTS

### DATE

7-11 DECEMBER 2020

### VENUE

RAI AMSTERDAM  
AMSTERDAM, THE NETHERLANDS

## CONFERENCES OVERVIEW

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26<sup>th</sup>

### European Meeting of Environmental and Engineering Geophysics

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For its 26<sup>th</sup> edition, the European Meeting of Environmental and Engineering Geophysics will continue to build on 26 years of research and development in the field of engineering geophysics. The two day scientific conference will cover a wide array of topics related to the near surface field, drawing on a wealth of excellent plenary talks, oral and poster presentations, and rich discussions.

Being Europe's most significant meeting of its kind, the 26<sup>th</sup> European Meeting of Environmental and Engineering Geophysics offers participants the opportunity to meet the people behind the most cutting-edge research across a range of topics, from the applications of geophysics to the emergence of new technologies and research trends. Take part in the bright future of environmental and engineering geophysics, and join us in Amsterdam, the Netherlands.

4<sup>th</sup>

### Applied Shallow Marine Geophysics Conference

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Following the successful conferences in Athens (2014), Barcelona (2016) and Porto (2018), professionals from academia, research institutes, service and engineering companies, operators and offshore energy companies will reconvene in Amsterdam, 7-11 December 2020, to further present and discuss the state-of-the-art in characterizing the shallow subsurface in aquatic settings (rivers, lakes, fjords, coastal systems, offshore and deep offshore).

The safe assessment of site conditions for all types of marine installations and infrastructure requires a detailed understanding of the shallow subsurface and the changes therein over the lifetime of the areas of interest. This essential objective can only be achieved through the extensive use of complementary geophysical methods and monitoring approaches, as well as a proper, data-driven integration of geotechnical, geomechanical, metocean and geophysical data and models.

3<sup>rd</sup>

### Conference on Geophysics for Mineral Exploration and Mining

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Following the two EAGE Conferences on Geophysics for Mineral Exploration and Mining in Barcelona, 2016, and in Porto, 2018, the third conference will invite researchers from academia, industry, and government organizations to share recent advances, trending topics, and novel geophysical methods in mineral exploration and mining. Geophysics plays a major role in unlocking mineral reserves. It is well recognized that many easily-discovered large mineral deposits with the strong geophysical signature have been already identified. Future discoveries

present significant challenges being located undercover, in remote areas, with less prominent geophysical signal.

The modern-day challenges of exploration require developing novel geophysical techniques, which improve exploration success and lead to new discoveries. The third conference includes papers which focus on emerging geophysical techniques for mineral exploration, novel interpretation methods, including joint inversion of multiphysics data, and challenging case studies.

## Schedule at a glance\*

### Monday - 7 December 2020

	26 <sup>TH</sup> EUROPEAN MEETING OF ENVIRONMENTAL AND ENGINEERING GEOPHYSICS	4 <sup>TH</sup> APPLIED SHALLOW MARINE GEOPHYSICS CONFERENCE	3 <sup>RD</sup> CONFERENCE ON GEOPHYSICS FOR MINERAL EXPLORATION AND MINING
<b>PM</b>	Opening Session		

### Tuesday - 8 December 2020

	26 <sup>TH</sup> EUROPEAN MEETING OF ENVIRONMENTAL AND ENGINEERING GEOPHYSICS		4 <sup>TH</sup> APPLIED SHALLOW MARINE GEOPHYSICS CONFERENCE	3 <sup>RD</sup> CONFERENCE ON GEOPHYSICS FOR MINERAL EXPLORATION AND MINING	
<b>AM</b>	Modelling, Inversion and Data-Processing in Near-Surface Geophysics I	Geophysical Investigation of Cavities		Airborne Electro/Magnetic Surveys and Mapping of Mineral Resources	New Developments in 3D Modeling & Best of SAGA
	Integrated Approaches in Near-Surface Geophysics	Groundwater Exploration and Hydrogeophysics I	Renewables	Seismic Methods in Mineral Exploration I	
<b>PM</b>	Modelling, Inversion and Data-Processing in Near-Surface Geophysics II	Environmental Geophysics I - Geohazard and Anthropogenic Hazard Studies	Case Studies	Innovative EU-funded Mineral Exploration Solutions	
	New Technologies, Developments and Research Trends I	Groundwater Exploration and Hydrogeophysics II	Shallow Water & Morphology	Seismic Methods in Mineral Exploration II	
Poster presentations					

### Wednesday - 9 December 2020

	26 <sup>TH</sup> EUROPEAN MEETING OF ENVIRONMENTAL AND ENGINEERING GEOPHYSICS			4 <sup>TH</sup> APPLIED SHALLOW MARINE GEOPHYSICS CONFERENCE	3 <sup>RD</sup> CONFERENCE ON GEOPHYSICS FOR MINERAL EXPLORATION AND MINING	
<b>AM</b>	Modelling, Inversion and Data-Processing in Near-Surface Geophysics III	Geophysics in Engineering Geology and Geo-Technical Investigations I	Environmental Geophysics II - Geohazard and Anthropogenic Hazard Studies		Best of KEGS	
	Geophysics in Studies for Geothermal Energy and CO2 Storage	Archaeogeophysics		Advanced Processing	Geophysical Methods in Mining Engineering	
<b>NOON</b>	Modelling, Inversion and Data-Processing in Near-Surface Geophysics IV	Environmental Geophysics III		Quantitative Assessment	Rock Physics of Mineral Deposits & Electrical Methods in Mineral Exploration	
<b>PM</b>	Geophysics in 3D Geological Modelling	Geophysics in Engineering Geology and Geo-Technical Investigations II		Site Characterization	Ground, Borehole, and Airborne IP Methods	
	New Technologies, Developments and Research Trends II	Environmental Geophysics IV - Geohazard and Anthropogenic Hazard Studies			New Advances in Interpretation of Magnetic, Gravity, and Gradiometry Data	Exploration Under Cover
Poster presentations						

\*Preliminary



## Important Dates

Deadline Early Registration	15 September 2020
Deadline Regular Registration	1 November 2020

## Conference Overview\*

*\*Subject to change*

### Monday 7 December

16:00 - 18:00	Opening Session
18:00 - 20:00	Welcome Reception

### Tuesday 8 December

08:30 - 17:10	Technical Programme
09:00 - 20:00	Exhibition Open

### Wednesday 9 December

08:30 - 17:20	Technical Programme
09:00 - 17:30	Exhibition Open

### Thursday 10 December

09:00 - 17:30	Exhibition Open
19:00 - 23:30	Conference Evening

### Friday 11 December

09:00 - 16:00	Exhibition Open
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## Social Programme

### Welcome Reception

Monday 7 December | 18:00 - 20:00

Meet with exhibitors, catch up with your colleagues and expand your network, all while you enjoy our delicious selection of food and drinks.

### Conference Evening

Thursday 10 December | 19:00 - 23:30

All registered full delegates are invited to a delightful evening filled with hospitality, amazing local food, entertainment and networking.



## EU Public Affairs Programme

Once again, during NSG2020, EAGE's EU Public Affairs Department will be hosting a series of activities, to connect our attendees with the right resources, people and institutions to get the most out of the EU. Join us for our Brokerage Cocktail, come by and learn all about our Smart Exploration Project, Horizon 2020, and the future of our work in Europe.

### Rapid Fire Talks

EAGE is initiating a new way of presenting ideas and results at events "Rapid Fire Talks", as part of EAGE EU Affairs activities. We invite all academics, researchers and entrepreneurs to pitch their ideas and new technologies during a networking event at the EAGE Horizon 2020 booth. Through this pilot attempt, the EAGE EU Affairs Department together with the team from the Horizon 2020-funded Smart Exploration project will organize up to 10 selected rapid-fire presentations to be given using a pre-made template of 9 slides, each timed 20 seconds.

The presenters will be diverse covering a wide range of expertise and fields. We look for new research, innovative and development ideas, products or solutions that can have an added value to our discipline covering the main topics of the conference (NSG2020). The objective is to bridge from research and ideas, to realization and commercialization, allowing the audience to network and discuss more effectively bringing their ideas to a much more technology readiness level (TRL).

For more details, please visit [www.NSG2020.org](http://www.NSG2020.org)

## Sponsoring Opportunities

To heighten your brand awareness, Near Surface Geoscience 2020 offers a wide variety of sponsoring opportunities. As a sponsor, you will have dedicated exposure at the event. If you are interested in sponsoring this event, please refer to the event website or contact us at [exhibition@eage.org](mailto:exhibition@eage.org).

## Exhibition

Near Surface Geoscience 2020 will include a dedicated exhibition, which will now be held alongside the EAGE Annual exhibition. Key international companies from the Near Surface Geoscience industry will present their latest developments, newest technologies and innovative ideas.

Besides the exhibition, Near Surface Geoscience 2020 offers a wide variety of sponsoring opportunities. As a sponsor, you will have dedicated exposure at the event. If you are interested in participating at this event as an exhibitor or sponsor, please refer to the EAGE website or contact us at [exhibition@eage.org](mailto:exhibition@eage.org).

### Current Exhibitors

3D-Radar AS  
Aarhus GeoSoftware  
Abitibi Geophysics  
Advanced Geosciences Europe  
ALT  
Applied Acoustic Engineering  
DMT  
EEGS  
GEM systems  
Geodevice LLC  
Geometrics  
Geotomographie  
GF Instruments  
Guideline Geo  
IRIS Instruments  
NGI–Norwegian Geotechnical Institute  
Parallel Geoscience  
RadExpro Europe  
Robertson Geo  
SiberGeo OÜ  
Stema Systems B.V.  
Zonge International Inc.  
ZZ Resistivity Imaging

## Social Media

EAGE wishes to stay connected with all members. Follow us on Facebook, LinkedIn, Twitter and Instagram to stay up-to-date with the latest information!

## Contact

For more information or enquiries please visit the event website or contact EAGE at [registration@eage.org](mailto:registration@eage.org).





# REGISTRATION IS OPEN

REGISTER AT

**WWW.NSG2020.ORG**

EARLY BIRD DEADLINE

**15 SEPTEMBER**

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