

Marine sand and gravel – Finding common ground

EMSAGG 2015 Conference

4 – 5 June 2015, Delft, Netherlands

CALL FOR PRESENTATIONS & SHORT PAPERS



The **European Marine Sand and Gravel Group (EMSAGG)** has facilitated information and knowledge sharing in marine sand and gravel, and dredging industries since 1998.

It identifies and disseminates developments and information that is needed and enables wider interest groups to participate in knowledge sharing and discussion of these issues.

Consumption of sand and gravel can fluctuate with economic cycles, but it is increasingly in demand for coastal protection purposes, particularly in response to sea-level rise and climate change.

The continued extraction of sea-dredged sand and gravel is important to help meet this demand. However as with land-based operations, extraction and transportation options need to be economically viable; meeting, and often reconciling, environmental, social and commercial needs – whether the preservation of habitats, protection of fishery interest, or the construction of off-shore wind farms.

Environmental concerns are further emphasised by the aims of the Marine Strategy Framework Directive, the overarching goal of which is to achieve *Good Environmental Status* across Europe's marine environment by 2020.

This **EMSAGG conference** will cover a range of topics highly relevant to the dredging industry, its regulators, customers and other stakeholders covering both technical and non-technical issues.

The technical scope potentially includes geophysical and other detection methods, mapping techniques, extraction methods and applications.

The key theme of the conference, '**Finding common ground**' is on reconciling the needs of different stakeholders – whether in terms of environmental protection or potentially conflicting use. It will also explore how stakeholders' needs can be reconciled and the role of a responsible dredging industry in moving towards a sustainable outcome.

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The key theme of the conference, “**Finding common ground**”, will look at reconciling the needs of different stakeholders – whether in terms of environmental protection or potentially conflicting use, and explore how stakeholders’ needs can be reconciled and the role of a responsible dredging industry in moving towards a sustainable outcome.

Call for abstracts

EMSAGG welcomes the submission of abstracts from colleagues interested in presenting at the conference. The abstracts should reflect the topics listed and be approximately 200 words.

From the submitted abstracts, the Conference steering group will select a number of entries and then notify the authors to provide a summary paper (around 500 words) and a PowerPoint presentation.

Information required for abstract submission:	
Title	The title should be short, preferably less than 10 words.
Author(s)	Provide contact details of each author including name, surname, organisation and email.
Keywords	Provide up to 5 keywords (consider using at least 2 from the topics shown above).
Background	Provide a short summary of the relevant industrial background and problem addressed.
Aims	Provide an outline of the proposed content of the presentation



Key dates

- Submission of abstract by authors, Friday 26 September 2014
- Notification of acceptance, Friday 21 November 2014
- Submission of short paper and presentation, Friday 6 March 2015

We look forward to receiving your abstracts. Should you have any questions, require related information or to request an abstract template for submission please contact Owen Jenkins on +44 (0) 20 7549 3300 or via email emsagg@ciria.org.

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Abstract submissions are currently being accepted for the 2015 conference.

We are particularly looking for abstracts that provide an overview of what is occurring across Europe especially relating to the themes highlighted below:

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<p>New technologies and developments</p>	<p>Exploration techniques</p> <ul style="list-style-type: none"> • Development in geophysical and sampling methods enabling the identification of sand and marine deposits including: <ul style="list-style-type: none"> ○ Heterogeneity issues within deposits ○ Identification of unexploded ordnance • Mapping techniques <p>Operational / extraction techniques</p> <ul style="list-style-type: none"> • Recent developments • Accessing deeper deposits • Dealing with unexploded ordnance • Environmental protection <p>Application</p> <ul style="list-style-type: none"> • Use of marine sand and aggregates in concrete – the facts and the myths
<p>Marine Spatial Planning</p> <ul style="list-style-type: none"> ○ Monitoring ○ Sea bed optimisation ○ Marine Strategy Framework 	<ul style="list-style-type: none"> • Progress with implementation of Directive • Experience to date of MSF on dredging – dredging organisation perspective • Examples of how conflicting use of ocean gave been evaluated e.g. wind power / fisheries etc.
<p>Towards sustainable sand and gravel extractions – challenges and opportunities</p>	<ul style="list-style-type: none"> • Social impacts / benefits of sand and gravel extraction • Environmental impacts / benefits and safeguards of sand and gravel extraction • Assessing baseline environmental / habitat conditions for proposed extraction sites • Assessing risks and potential impacts • Methods and examples of reconciling competing demands • Environmental protection measures during extraction.

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The 5th EMSAGG conference will take place on the 4 - 5 June 2015, Delft, Netherlands.

The conference builds on the success of the four previous conferences delivered by EMSAGG and will bring together those actively involved in this area to share knowledge, research and best practice case studies.

The previous conference in 2012 was held in Ostend, Belgium and attracted delegates from across Europe including Belgium, Netherlands, France, Germany, Italy, Turkey and the United Kingdom.

Day 1 will include an exciting program with presentations delivered by leading figures from all over Europe.

A feature of this year's event will be an exciting debate on how stakeholders' needs can be reconciled and the role of a responsible dredging industry in moving towards a sustainable outcome. The debate motion will echo the conference theme: **"Finding common ground"**

Day 2 will include a presentation and tour on the Sand Engine / Sand Motor, south of the Hague - a pioneering approach to coastal management.

Introducing EMSAGG

The **European Marine Sand and Gravel Group (EMSAGG)**, established in 1998, is an independent body which draws together stakeholders from across industry, including dredging organisations, European Government departments and agencies, regulators, economists, resource planners, environmental bodies and academic as well as research bodies.



Marine sand and gravel continues to make an important contribution to the development of European economies, with demand expanding for numerous end uses. Planning to meet future demand, by ensuring long-term resources are available and responsibly managed, is an important factor towards achieving sustainable development at a European level. To address this potential for increased demand around Europe, techniques for the investigation, development and management of marine sand and gravel require continuous improvement.

EMSAGG provides a forum for the exchange of ideas and learning across Europe and helps identify developments and information needs for the marine sand and gravel constituents, concerning all aspects of the industry.

To get involved with EMSAGG or for more information, please visit our website www.ciria.org/emsagg or contact us via email: emsagg@ciria.org.



EMSAGG Learning Network is managed by CIRIA www.ciria.org

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www.ciria.org.uk/emsagg