



## Call for Papers and announcement of Hydro12 "Taking care of the sea"

On behalf of the International Federation of Hydrographic Societies, the Hydrographic Society Benelux invites you to contribute to the conference Hydro12 "Taking care of the sea" with a conference paper. You will present your paper on board of the luxurious steam ship "De Rotterdam" between November 13 and 15, 2012. SS Rotterdam is permanently moored on the South bank of the port of Rotterdam. (Check it out on [www.ssrotterdam.nl](http://www.ssrotterdam.nl).) Depending on your own preference and the decisions of the contents team of Hydro12, you will present your paper either as an oral presentation or as a poster.

We especially invite papers that relate to our conference theme "*Taking care of the sea*", a detailed description of the theme is provided on [www.hydro12.com](http://www.hydro12.com). Your paper should deal with at least one of the following list of topics:

- A. innovations in acquisition techniques  
(e.g.: SONAR; LIDAR; satellite imagery; satellite positioning);
- B. subsea positioning  
(e.g. integrated navigation; multisensor fusion; ROV positioning; IRM surveying)
- C. innovations in processing techniques  
(e.g.: object detection; large data volumes; 3D methods)
- D. smart data management  
(e.g.: MSDI; INSPIRE; indicators for data quality);
- E. easy customer access to data and products  
(e.g.: webservice; ENC-s);
- F. careful marine planning  
(e.g.: wind farms; dredging; traffic separation; resurvey policies);
- G. cost-effective solutions  
(e.g.: international cooperation; insourcing vs outsourcing; autonomous surveying);
- H. geophysics of the marine environment  
(e.g.: morphodynamics; mapping of the seabed; exploitation of natural resources);
- I. vertical references  
(e.g.: ellipsoidally referenced surveying; internationally consistent definitions and realizations);
- J. accurate hydrodynamics  
(e.g.: water levels and tides; currents; oceanographic forecasting);
- K. Hydrography in the Benelux  
(e.g.: Maasvlakte 2; the Sand Engine; optimal access to Antwerp)
- L. The hydrographic profession  
(e.g.: attraction to young people; education; professional standards; hydrographic societies)

We will decide on the acceptance of your paper based on a one page *abstract* that consists of:

1. the names and affiliations of all authors;
2. contact information of the corresponding author and the intended presenter;
3. the title of your paper;
4. relevant topics, as taken from the list;
5. a text of maximum 300 words;
6. one figure or table;
7. preferred method of presentation (oral or poster).

Submit your abstract using either the form on [the Hydro12 website](http://the Hydro12 website) or an email to [submissions@hydro12.com](mailto:submissions@hydro12.com), attaching your abstract as an MS Word file. The deadline for your abstract is February 28, 2012. You will be notified by April 15, 2012 if your paper is accepted for your intended



method of presentation, for another method or presentation, or if your paper is rejected. During the conference, the abstracts will be available in the conference book.

Contributions from young people (including students) and developing countries are especially encouraged. Contributions that are very commercial in nature, rather than innovative, will not be accepted.

After acceptance, your *conference paper* is due on June 15, 2012. This paper will consist of a maximum of six pages, and is intended as an extended abstract, digitally available to all conference participants. Detailed guidelines for the conference paper will be made available at [www.hydro12.com](http://www.hydro12.com).

After presentation of the paper, there will be two separate options to publish your findings in a *full paper*, including insights from discussions following the presentation of the paper. Authors should decide on their interest for one of these voluntary options when they submit their conference paper.

Option 1: Your paper will be offered to the editorial team of *Hydro International*, for publication in the magazine and permanently on [www.hydro-international.com](http://www.hydro-international.com). (This option is especially attractive for papers that are operational in nature.)

Option 2: Your paper will be part of a peer-reviewed digital *Publication of the Netherlands Geodetic Commission*, permanently available on [www.ncg.knaw.nl](http://www.ncg.knaw.nl). (This option is especially attractive for papers that are scientific in nature.)

As a consequence of submitting an abstract, you will be obliged to also submit a conference paper, to attend the conference, and to present your paper. If any unforeseen circumstances prevent you from meeting these obligations, we expect you to contact us as soon as possible via [submissions@hydro12.com](mailto:submissions@hydro12.com).

It is necessary to register for the conference separately from the abstract submission process. At the time of the publication of this call for papers, registration is not yet possible. Online registration will be facilitated at [www.hydro12.com](http://www.hydro12.com). If you have any questions regarding the above, please contact us via [submissions@hydro12.com](mailto:submissions@hydro12.com).

We look forward to your contributions on how to take good care of the seas, rivers, lakes, and estuaries. Thank you for your interest in this conference, we will do our best to create a high level and complete overview of the state of our profession for you.

The Hydro12 contents team