

**NOOS PROJECT SUMMARY: Exchange of wave data and forecasts**

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KEYWORDS: ocean modeling, waves, observations

Project aims	<p>Exchange of wave data and forecasts</p> <p>Within NOOS, Deltares is responsible for the exchange of wave data. The data of various wave measurements is available via the NOOS-website (<a href="http://www.noos.cc/">http://www.noos.cc/</a>). It was decided in the Annual Meeting 2015 to extend the wave exchange with forecasts.</p> <p>We would like to inventory which wave models are operational in the NOOS domain, collect the forecasts and share them real time. Furthermore, the wave observations must be up to date and if possible additional locations must be included. The aim is to make the wave observation data and forecasts available for all NOOS-partners, as part of the NOOS vision.</p>
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Participants	<ul style="list-style-type: none"><li>• RWS, Marc Philippart</li><li>• BSH, Susanne Tamm</li><li>• DMI, Jacob Woge Nielsen</li><li>• Met.no, Bruce Hackett</li></ul>
Present status	Project; The exchange of wave data is on-going, and we are continuously looking for additional locations. The exchange of wave forecasts is new, so partners need to be found which want to contribute and the exchange of forecasts must be set up.
Project timescale	<ul style="list-style-type: none"><li>• 2016-Q4: Form a working group on wave forecast exchange</li><li>• 2017-Q1/Q2: Ask institutes about their relevant wave models</li><li>• 2017-Q3: Define parameters, timing, formats and requirements</li><li>• 2017-Q4: Collect wave model forecasts</li><li>• 2018-Q1: Exchange wave model forecasts</li></ul>
Possible Developments	<ul style="list-style-type: none"><li>• Wave forecast verification, possibly together with the JCOMM verification and validation working group.</li></ul>