

NOOS annual report 2016
Member report – the Netherlands
 October 2016

Country	The Netherlands
Institution	Rijkswaterstaat, Deltares, KNMI
Observations Status and new initiatives	<p><i>Status:</i></p> <ul style="list-style-type: none"> • Total reorganization of measuring network software is in preparation; • Tools for import external measurements based on Fews software, this will be done together with the imports for Matroos and Fews systems, including the governance of daily support and with providing parties; • Current measuring pole installed near Eemshaven. <p><i>New initiatives:</i></p> <ul style="list-style-type: none"> • HF radar in approach area of Rotterdam Harbour operational, see: http://www.waterberichtgeving.rws.nl/leaflet/map.php?set=zeedelta_mmnd&map=zeedelta_mmnd. Scroll back in time en HF will appear. • 2 current measuring buoys in approach area of Rotterdam Harbour.
Modelling Status and new initiatives	<p><i>Status:</i></p> <ul style="list-style-type: none"> • The current operational version of DCSM-version6 will soon replace the distribution of DCSM-version5 of KNMI. • Total redesign of hardware systems in new centralized computer center. These contain an Operational suite, a Backup and an Acceptation suite. Is functioning 95%, sometimes network sync problems. <p><i>New initiatives:</i></p> <ul style="list-style-type: none"> • Start with a 3D model of Rotterdam Approach and Harbour for navigation and salt intrusion. • Deltares is working on a new global storm-surge model and a 3D North Sea model.
Dissemination Status and new initiatives	<p><i>Status:</i></p> <ul style="list-style-type: none"> • NEW NOOS matroos at: http://noos.matroos.rws.nl including some extra data like DCSMv6: http://noos.matroos.rws.nl/matroos/scripts/matroos.pl?source=dcsm_v6_kf_hirlam&color=SEP&contour=&anal=&from=201610190600&z=0&xmin=-24.1&xmax=22.1&ymin=43&ymax=64&smin=-5&smax=5&size=1020&smicolor=jet&smacolor=jet&coords=WGS84&scontour=&vx=25&vy=25&vecsize=1&xn=1&yn=1&vector=VELUV&format=png <p><i>New initiatives:</i></p> <ul style="list-style-type: none"> • EPS and other uncertainty information.
Relevant national projects	Development of Tidal windows for shipping in Eems-Dollard area; NGHS: development of a new hydrodynamics modeling system that supports unstructured meshes.
Relevant International projects	Deltares participates in several ongoing EU-projects such as: Jerico, RISES, RISC-KIT, DRIHM and BASE-platform.
Additional information	EMODNET is providing financial support for improvement of the data-exchange in NOOS. Results will be shown on meeting.