

E 3.3 Netherlands estimation of seafloor dynamics, to improve bathymetric survey planning

The NSHC is invited to note the enclosed abstract for a systematic way to use the knowledge of the sea floor dynamics to optimize the resurvey policy for shallow waters. NLHO in cooperation with the University of Twente designed a method that is able to use a time series of bathymetric surveys to estimate the dynamics. The estimation of five specific regions in the Southern North Sea lead to a set of four indicators for these regions, used to improve the resurvey policy. These findings will then be used for a scientific validation of the present (2003) resurvey policy of the Dutch continental shelf. This validation will be done by the Netherlands scientific research institutes DELTARES and MARIN.

The purpose of this contribution is to assist the NSHC in further guidance for the Resurvey Working Group.