

FAST

FORESHORE ASSESSMENT
USING SPACE TECHNOLOGY

Invitation for a webinar: How to use the MI-SAFE package

To estimate the contribution of vegetated foreshores towards coastal flood and erosion risk reduction

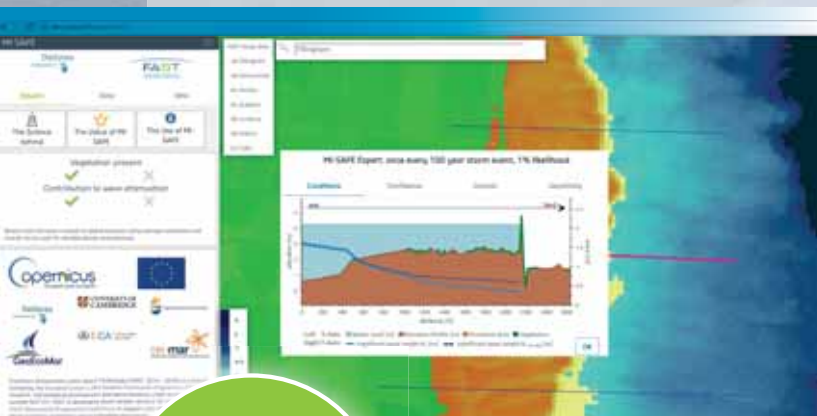
20 July 2017, 16:00 - 18:00 CEST

Hear the team of EXPERTS explain the science behind the MI-SAFE package, the resources and services on offer and the access routes for a range of user types. Or meet us at International Delft Software Days (<http://www.dsd-int.nl/2017>), 31 October 2017, where we link a FAST symposium to the XBEACH 10th Year Anniversary.

The MI-SAFE package: resources to implement nature based flood defence

The FAST project (Foreshore Assessment using Space Technology) has developed the MI-SAFE package to help meet the requirement for quantifiable benefits of nature based solutions through a combination of earth observation information and numerical modelling, packaged into open source and online products and services that demonstrate how coastal vegetation can contribute to meet flood risk challenges. MI-SAFE information is based on the latest satellite sensor technology and big data analysis capabilities.

The MI-SAFE package combines existing and new earth observation data for coasts worldwide to estimate the contribution of vegetated foreshores towards coastal flood and erosion risk reduction. The MI-SAFE viewer gives a quick indication of the extent to which vegetation prevents coastal flooding and erosion. It does so qualitatively also for areas with little or no local data, drawing on open global sources of information. For locations for which more data is available, advanced services can provide specific quantitative information upon request. The MI-SAFE package works as a platform of services supported by a team of international experts. It delivers the capacity to explore multiple ecosystem services provided by vegetation and to incorporate these into coastal flood/erosion risk management decisions anywhere on the world's coastlines. In this webinar, the MI-SAFE team of experts (i.e. the FAST team) will explain the science behind the MI-SAFE package, the resources that this package of services offers, and the access routes for a range of user types.



Reserve your
webinar seat
here:

<https://www.deltares.nl/en/webinars/the-MI-SAFE-package-resources-to-implement-nature-based-flood-defence/>



How to get in touch with the FAST consortium

Contact the FAST consortium via the FAST web page (<http://www.fast-space-project.eu/>), the MI-SAFE viewer (<http://fast.openearth.eu/index.htm>), the FAST twitter account (@FP7FAST), the FAST Facebook page (FastSpaceProject) or MI-SAFE twitter account (@MISAFE_services). Additionally, you can contact the FAST consortium via any of our regional contacts listed below.

Project consortium:

FAST is a consortium of five European institutions from four European Countries:



Deltares
(PROJECT LEADER)



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Deltares is the Dutch institute for applied research and development on issues related to water and soil management in delta areas. The primary task of Deltares is bringing together science and application.



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The Cambridge Coastal Research Unit (CCRU), University of Cambridge, carries out fundamental research on coastal, estuarine and nearshore processes, landforms and ecosystems, with a particular focus on flood and erosion risk reduction in the coastal zone.



GeoEcoMar
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GeoEcoMar is a Romanian Research Institute with excellent expertise in geology, geocology and geophysics, focusing on the Danube – Danube Delta – Black Sea macrosystem in particular and aquatic environments in general.



NIOZ
Royal Netherlands Institute
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Royal Netherlands Institute for Sea Research, NIOZ, is the Dutch national marine science institute. Our mission is to gain and communicate scientific knowledge on the world's oceans, seas and estuaries for the understanding and sustainability of our planet. NIOZ facilitates and supports fundamental as well as applied marine research and education in the Netherlands and Europe.



UCA
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UCA is the leader of the "International Campus of Excellence in Marine Science"(CEI-MAR), bringing together universities, research institutes, companies and social agents in Spain, Portugal and Morocco, forming a collaboration platform between scientists and end-users.