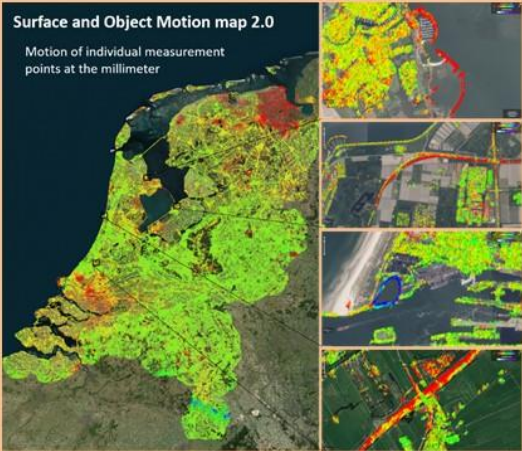


You are kindly invited to the first GRS Online Open Seminar Series! Tuesday October 13, prof. dr. ir. Ramon Hanssen will give a seminar “Bodemdalingskaart.nl: New land subsidence map reveals the Netherlands’ (in)stability” at 15.45 via

zoom: <https://tudelft.zoom.us/j/98273860548?pwd=RkRnaUMzaUcxeHdkWWJ3RnIXWm9RQT09>

Open Seminar Series
Geoscience & Remote Sensing
Bodemdalingskaart.nl:
New land subsidence map reveals the Netherlands’ (in)stability

Prof. dr. ir. Ramon Hanssen
GRS TU Delft
13 October, 2020
15.45- 16.45
Via Zoom



The image displays a map of the Netherlands titled "Surface and Object Motion map 2.0". The main map shows the country's outline with a color-coded overlay representing land subsidence, ranging from green (low subsidence) to red (high subsidence). To the right of the main map are four smaller inset images showing detailed views of specific urban areas, highlighting individual measurement points and their motion at the millimeter scale. The text "Motion of individual measurement points at the millimeter" is visible in the top left of the inset images.

ABSTRACT:

Together with partners, TU Delft published the first online dataset on land subsidence (<https://bodemdalingkaart.nl>) in 2018. It was the first time that geodetic information was In 2020, this was followed up by a second version, showing the stability of individual houses and objects. Within the first 24 hours after publication, more than 100.000 people visited the online webportal.

For a country situated largely below a steadily rising sea level, land subsidence is an existential problem with far-reaching implications, and a price tag of billions of euro’s.

In this presentation, we will discuss the science behind bodemdalingkaart.nl, the challenges, dilemmas, experience gained and the open science questions.

Read: <https://www.volkskrant.nl/nieuws-achtergrond/huizen-verzakken-snel-door-droogte-schade-loopt-in-de-tientallen-miljarden~b9e59bc3/>

View: https://www.npostart.nl/nos-journaal/08-09-2020/POW_04508410 (from 14’17”)