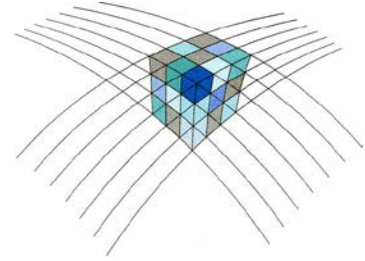


NCG



Netherlands Center for Geodesy and Geo-informatics

Abstract submission for the NCG Symposium 2020

Abstract submission deadline: **14 September 2020**

Please submit your abstract EasyChair

<https://easychair.org/conferences/?conf=ncg2020>

Name: Ramon Hanssen and Freek van Leijen,

Affiliation: TU Delft

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Presentation title:

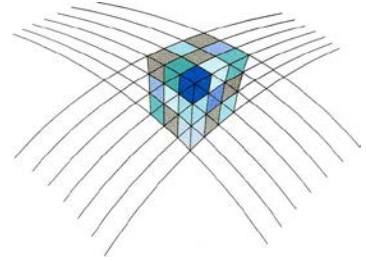
NCG Bodemdalingskaart: presenting surface and object deformation for a wide audience: results, experience and future outlook

Demo: yes/no

Abstract (~100 words and optionally 1-2 figures):

In 2018, NCG initiated the first public contemporary land subsidence map of the Netherlands: [bodemdalingskaart 1.0](#). Combining gravity, GNSS, and InSAR, millions of measurement points were used to estimate the subsidence of the land surface at coarse resolution, and a novel method to disentangle deep and shallow driving mechanisms was developed. In September 2020, this was followed by an upgrade and update, [Bodemdalingskaart 2.0](#), which showed the positions and estimated parameters of each individual measurement point, more than 200 million measurements in total. Here we will present the features of Bodemdalingskaart 2.0, the first experiences with public disclosure and an outlook for the future.

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Surface and Object Motion map 2.0

Motion of individual measurement points at the millimeter

