



EGU Topical Meeting:

Validation in Flood Risk Modelling

9/10 December 2014

Venue:

Deltares, Delft, The Netherlands

CALL FOR ABSTRACTS

This workshop is co-sponsored by EGU, and Deltares, and is part of the Panta Rhei working group activities of the IAHS

Workshop description

Flood risk analysis – which is used to make important and often expensive decisions – is complex and subject to significant uncertainty. The fact that this information is important but also uncertain has led to an increasing requirement to verify and validate flood risk analyses.

In this workshop we aim to gain an overview of validation and verification methods for models used in flood risk analysis – specifically for models of processes for which only limited observations are available (e.g., levee failure, inundation, and flood impacts). In these cases, traditional validation techniques that require a lot of data are not applicable.

This workshop will bring together international experts on flood hazard estimation and risk assessment, working on fluvial, pluvial, coastal, and flash floods. The goal is to critically discuss to what extent current approaches and models are able to accurately estimate hazard, failure, exposure, and vulnerability – in sum: flood risk. The workshop will provide a platform to share best practices to validate and evaluate flood risk models. We will work together to compose a definitive summary of the state-of-the-art in flood risk validation – highlighting gaps and research needs – with the aim of getting flood risk validation a higher priority on the research agenda.

Abstract submission process

We are looking for applicants whose research investigates the accuracy of flood risk modelling and/or its components (e.g. levee reliability, inundation, casualty, or damage modelling).

We welcome your abstract. Abstracts are limited to 500 words; please submit by 15 October 2014 to:

EGUworkshop@deltares.nl

Please include your name, co-authors, affiliation, and contact information. Abstracts will be reviewed by the members of the Scientific Committee*, and authors will receive notification of acceptance by 1 November 2014.

Workshop fee: 50,-- Euros

A limited number of travel grants are available.

*Scientific committee

Laurens Bouwer, Deltares (chair) (Netherlands)

Kathryn Roscoe, TU Delft and Deltares (Netherlands)

Karin de Bruijn, Deltares (Netherlands)

Ignacio Escuder-Buena, Polytechnic University of Valencia (Spain)

Beth Faber, US Army Corps of Engineers (USA)

Ben Gouldby, HR Wallingford (UK)

Bas Jonkman, TU Delft (Netherlands)

Hans de Moel, VU University (Netherlands)

Heidi Kreibich, GFZ - German Research Centre for Geosciences (Germany)

Jay Lund, University of California, Davis (USA)

Annegret Thieken, University of Potsdam (Germany)

