



Sveučilište u Zagrebu  
Građevinski fakultet  
Zavod za hidrotehniku



## Poziv na BRIDGE SMS seminar

### **„Recent developments in flood forecasting systems and the Bandon Flood Forecasting System“**

**Predavač: Dr. Jan Verkade, Deltares, real-time hydrological forecasting expert**

**Datum: utorak, 20.3.2018., 12:00h**

**Lokacija: Hrvatske vode, Ulica grada Vukovara 220, dvorana 28A u prizemlju**

Poštovani,

Građevinski fakultet u Zagrebu je partner na EU FP7 znanstveno-istraživačkom projektu BRIDGE SMS koji je usmjeren na suradnju znanosti i gospodarstva (Marie Curie IAPP Programme). U sklopu projekta izrađen je prognostički hidrološki model za pilot područje sliva rijeke Bandon u Irskoj. Razvoj prognostičkog modela ostvaren je u suradnji s Deltares institutom iz Nizozemske. U sklopu suradnje s Deltares institutom organizirano je predavanje Dr. Jana Verkadea u Zagrebu.

Predavanje je:

- **“Recent developments in flood forecasting systems and the Bandon Flood Forecasting System”** (predavanje je na engleskom).
- Teme predavanja:
  - Trends and research in flood forecasting systems
  - DelftFEWS: platform, modules, operability, etc.
  - The Sava Flood Forecasting and Warning System
  - BRIDGE SMS: The Bandon Flood Forecasting System (Ireland)

Životopis predavača se nalazi u prilogu. Smatram da će predavanje biti zanimljivo i korisno svim učesnicima u hidrološkom modeliranju i hidrološkim prognozama kao i korisnicima takvih rezultata. Više informacija o BRIDGE SMS projektu možete pronaći na poveznici: [www.bridgesms.eu](http://www.bridgesms.eu)

S poštovanjem,

voditelj hrvatske komponente BRIDGE SMS projekta

Doc.dr.sc. Damir Bekić

*Seminar je organiziran u suradnji*



Hrvatske vode



Hrvatsko hidrološko  
društvo

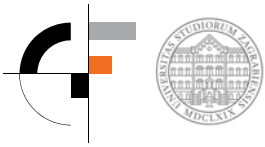


Hrvatsko društvo za odvodnju  
i navodnjavanje

*Medijski pokriva*

**GRAĐEVINAR**

Časopis Građevinar



## Jan Verkade: Životopis

### Real-time hydrological forecasting expert



Dr Verkade is a hydrologist with a keen interest in hydrologic forecast – warning – response systems. He has completed a PhD project in which he extensively researched the estimation, use and verification of estimates of predictive atmospheric and hydrologic uncertainty. Specifically, he has researched and published on the benefits of estimating predictive uncertainty, on the effects of post-processing of precipitation and temperature forecasts on streamflow predictions and on effectively using estimates of predictive hydrologic uncertainty. The knowledge and experience gained in the PhD research project have been applied in projects in Ireland, Sudan, Australia, the United States, China and the Netherlands.

In addition, Dr Verkade has ample experience in the development of operational, real-time hydrological forecasting systems (Delft-FEWS). This includes both the design and the implementation phase. Here, his experience as an operational forecaster contributes to the quality of the resulting systems. Since 2010, Mr Verkade has been a member of the river forecasting service of the Water Management Centre of the Netherlands. As a river forecaster, he has been responsible for monitoring and forecasting of water levels and discharge of the rivers Rhine and Meuse. In addition to its responsibilities for forecasting for the Dutch rivers, in autumn 2011 the team has assumed shared responsibility for interpreting and disseminating forecasts for the European Flood Awareness System (EFAS).

At Deltares, Mr Verkade is one of the two coordinators of the “Early Warning” R&D programme. This programme ensures that Deltares continues to work on the cutting edge of realtime hydrological forecasting and warning. Mr Verkade holds a PhD degree in Hydraulic Engineering and Flood Risk Management, a (cum laude) Master of Science degree in Water Resources Management (both from Delft University of Technology), a Master of Arts degree in International Relations from Dublin City University and a Bachelor’s degree in Marketing Management from The Hague University. Including a brief interlude, he has worked for Deltares since 1998.