

## **Numerical tools for dam break risk assessment: validation and application to a large complex of dams**

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**SYNOPSIS.**The present paper first describes briefly the hydrodynamic model WOLF 2D. Secondly, the simulation of the Malpasset dam break enables to highlight the effectiveness of WOLF 2D. Lastly, the model is applied to simulate the flood generated by the hypothetical collapse of a large concrete dam, which would induce three dam breaks in cascade.