

*Mini-symposium title:*

**Numerical modelling of flooding areas and erodible bathymetry**

*Organisers:*

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*Summary:*

In recent years there has been an increasing interest in the use of advanced methods for simulating flooding and erodible bathymetry with unstructured meshes capable of reflecting complex geometries. The mini-symposium will focus on the review of the current status of shallow water models for drying and wetting areas and models which allow for sediment transport and evolution of bathymetry. Applications will include theoretical benchmarks and water flows in rivers and estuaries, dam-break flows and wave propagation over dry regions.