

## Hydrological modelling

Precipitation  
forecast

Hydrological  
model

Discharge  
ensemble  
forecasts

## Hydrodynamic modelling

2D  
hydrodynamic  
model

$M_{5\%}$

$M_{10\%}$

$M_{15\%}$

$M_{20\%}$

$M_{i\%}$

$M_{95\%}$

## Post-processing

Building use  
classification

Multi-model  
combination

Building  
hazard map

