

**Contribution to the mapping of flood vulnerable areas:  
Application of the method of propensity to flooding  
(Case of Sidi-Bel-Abbes city)**

It is about remodeling the available hydrologic and hydraulic knowledge on floods, so that they can contribute to put in the hands of all involved parties in negotiations, objective and quantified facts directly on the risks and on these two base components (vagary and vulnerability) .

These facts must be mappable, because much of the negotiation is territorial and land.

They must also be continuous and invertible, in order not to stress too much, technically speaking, such delicate negotiations and which need maximum flexibility, and above all, a clear display of the effects of the options taken. This is applied to Sidi Bel Abbes city case.