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Approaches to mass diffusion of knowledge and tools in Hydroinformatics.

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Hydroinformatics tools available on the market today are platform dependent and do not generally lend themselves to collaboration work on either the internet or intranet. The market of modelling tools exists for big companies and authorities and their diffusion to a large extent depends on the principle of business-follows-the-tools. This approach does not in any meaningful way support mass diffusion of a technology let alone software.

The internet and semantic web in particular, provides an opportunity for mass diffusion of Hydroinformatics tools and further expands the thresholds for modeling. The tools for a pinnacle for communities of practice and enable developments around the tools in a way that satisfies an emergent market. This research provides a framework for this development harnessing knowledges from within and without software houses.

Whereas most of the literature refers to the overall conception of the market, their requirements and over all direction of simulation modeling, in this paper we develop a specific framework for web-based simulation modeling and in particular an interface for web-based urban drainage modeling.