



A step towards detailed local flood warnings - The GridStix project.

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An important aspect of mitigating the impact of floods is the provision of timely warnings to flood sensitive locations such as power plants and water works. In this presentation we outline a methodology for providing automated, detailed and location specific warnings which are computed 'on-site'. The GridStix methodology is based upon constructing a robust wireless sensor network, designed to overlay and complement existing observational networks, whose nodes have autonomous computational power and are capable of making local forecasts using parsimonious time series models. We outline the technology behind this project and demonstrate the effectiveness of the modeling technique using historic data.