

SCEWA

Supporting the Concept of Early Warning Analysis

Project Description

The research goal is to increase the protection and the quality of the water resources of Ireland by increasing the efficiency and productivity of (waste) water treatment plants and by minimizing their operational problems through the development of an intelligent early warning system that will provide timely warning of imminent problems, dangers and failures so the managers and personnel can have time to prepare and act accordingly to avoid it. In parallel to the research goal, we expect to achieve two important sub-goals. The first will be to define the specifications and the fundamental concepts, components, relations and constraints of a generic notation/modelling language that will support the analysis of early warning systems. The second sub-goal will be to develop a prototype open source software platform that will support its users in designing, developing and implementing computer based early warning systems.

Project Coordinator

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