

## **ISESS 2007**

Session Title: Integrated Modelling and Decision Support Systems for Watershed and Lake Management – Design and Application

Many of the processes and conditions that exist in lakes are controlled by processes and events that occur in the watersheds around the lake. In order to be able to manage lake quantity and quality conditions, managers also need tools to understand how to predict what impacts actions taken within the watersheds will produce, on what scale and over what time frame in lakes that they discharge to. To do so effectively requires the development and application of integrated modelling systems. This session is dedicated to examining what systems have been designed and applied worldwide in trying to develop and apply integrated modelling systems for watershed and lake management.

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