

Environmental Information Management: A Shift in Thinking from What to How

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ABSTRACT

The presentation discusses how information at geographical scales is used in environment science and management. It highlights the shift in thinking from using geographical information for informing science, to integrated system science. That is, the change from environmental information being a descriptive summary of environmental data to it being a model or explanation of an environmental system. The presentation includes research and projects from our own work and other international researchers. The presentation includes relevant theory and examples from geographical analysis, environmental information distribution, and environmental modelling. In particular, those that feature innovative approaches to scientific visualization and model simulation.