


Surface Water Integrated Management

RESEARCH PRIORITIES



Implementation of the NPS for freshwater management

- Groundwater surface water interactions
 - Policy frameworks that adequately account for dynamic interaction and different timescales of physical response
 - Models able to operate at different levels of complexity but integrate gw-sw
 - Encapsulating matauranga Māori alongside traditional SWIM science in advice for community discussions
 - Investigating linkages between nutrient inputs, periphyton growth and ecosystem health
 - Environmental drivers for toxic benthic cyanobacteria
 - Beyond biochemistry
 - Basic science being done now, need to look at wider environmental drivers
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Implementation of the NPS for freshwater management

- Specific tools for management (beyond planning)
 - e.g. RIVPACs for comparing observed invertebrate scores with predicted
 - Always a need for science information to be packaged into usable tools

