



## Ecological Evidence Exchange



### **Improve the impact of your freshwater science**

*Water managers work full-time providing advice and creating reports, plans, guidelines, tools and standards. Most do not have the time to read all the relevant scientific papers before giving advice, finalizing outputs, or making a decision.*

*In this common situation, your published research findings and management-oriented outputs may not have the impact they deserve.*

### **Be proactive! Add your science to a database**

*From mid-2018 the **Freshwater Science** journal will allow publishing authors to enter their findings into a database that links directly to tools used by water managers in environmental agencies around the world.*

*By taking a little time to add your research findings to the database, you will:*

- give water managers timely access to knowledge that enables improved environmental outcomes*
- spread the impact of your research findings*
- boost the citation rate of your papers.*

### **Help improve the way evidence is captured**

*The web form developed for **Freshwater Science** to capture your evidence may need improvement. Give us feedback after you've entered your data so we can improve the form and database.*

### **Want to know more?**

- Read SB Norton et al. **Freshwater Science** 2018, 37(2) published online 5 April 2018 <https://doi.org/10.1086/697965>*
- Join the effort to make research findings more readily available - and to promote evidence-based management - by contacting one of the paper authors.*

# Ecological Evidence Exchange

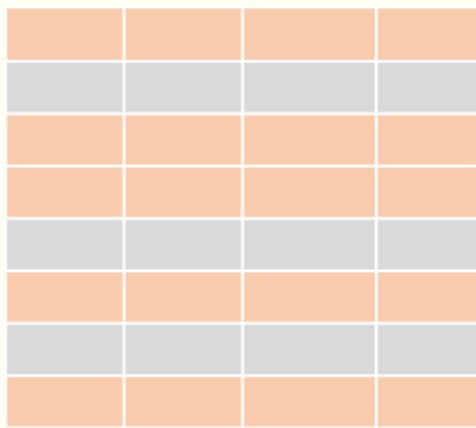
## EVIDENCE CAPTURE

- 1) Paper accepted for publication in *Freshwater Science*
- 2) Author enters evidence items from paper
- 3) Author fills out form on *Freshwater Science* paper submission website
- 4) Evidence from submitted forms is fed to databases
- 5) Managers or researchers download relevant evidence for synthesis

## USE OF EVIDENCE

*Manager's/researcher's evidence database*

*Analysis using management tool*



Evidence items examining biological responses to flow regime in lowland rivers



Aim: Design a sampling program to detect the effects of various proposed flow restorations on lowland rivers degraded by river regulation.

Analysis: Examine which biota are sensitive to changes in flow regime in lowland rivers.

## BENEFITS TO RESEARCHERS (after Fig 3, Ziegler et al., Ecological Indicators 53:61–69, 2015)

