

Title: Using models to explore options for river management
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River managers are constantly faced with challenging trade-offs between multiple uses of Georgia's water resources such as providing municipal water supply, supporting recreational kayaking, and maintaining ecosystem integrity. The Middle Oconee River in Athens is no exception, and how communities withdraw municipal water supply can affect a variety of outcomes ranging from the resilience of a community's water supply to the ability of the river to provide habitat for native fish. Numerical models are being developed to assess the potential consequences of alternative river management strategies in the Middle Oconee River. These models help managers explore many water withdrawal options and inform them of the effects of those decisions.