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## Concepts & Synthesis

Facilitating feedbacks between field measurements and ecosystem models

## Articles

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in a large spring-fed river

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Bonelli's Eagle in western Europe



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COVER PHOTO: Autumn on the spring-fed karstic Ichetucknee River (Columbia County in north Florida, USA), where clear water and constant flow and chemistry create a natural laboratory for riverine ecosystem studies. High aquatic primary production creates diel (24-hr) variation in water chemistry. The paper by Cohen et al. focuses on phosphorus variation that occurs directly via plant uptake and also indirectly in response to diel variation in calcium carbonate precipitation (see pp. 155–176). Photo credit: Lawrence V. Korhnak.