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## [High-frequency modeling of dissolved oxygen and net ecosystem metabolism using STELLA](#)

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Author(s): Miraç Eryiit\*, Fatih Evrendilek and Nusret Karakaya

This paper proposes a high-frequency process model for estimating Dissolved Oxygen (DO) and net ecosystem metabolism (NEM) in streams. The model was implemented by using STELLA to predict DO concentrations at one-minute intervals downstream of a 150-m headwater reach of the Abant Creek (Bolu, Turkey). NEM was also predicted at each interval by using a two-station meth ...

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