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High-frequency modeling of dissolved oxygen and net ecosystem metabolism using STELLA

Published On: January 11, 2023 | Pages: 001 - 008

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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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Review Article

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Usage of human diatomaceous earth

Published On: December 28, 2023 | Pages: 009 - 012

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Diatomaceous earth is naturally formed sedimentary mineral rock resulting from the remains of diatoms, or oceanic unicellular algae. It is extracted from diatoms mined from deposits of diatomite and manufactured into a powder that is diatomaceous earth for human use, as a natural compound. It is gaining popularity as having an outstanding list of health benefits and n ...

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