

عنوان مقاله:

Modeling of Water Quality and Quantity of an Artificial Wetland using Wavelet Neural Network

محل انتشار:

دومین همایش ملی برنامه ریزی، حفاظت، حمایت از محیط زیست و توسعه پایدار (سال: 1393)

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خلاصه مقاله:

In this paper, an artificial wetland under construction is modeled using Wavelet neural network. Because the typical artificial wetland is in the planning and design stage, and the establish of neuralnetwork forecasting model requires large amounts of data, therefore this paper built virtual data of influent quantity and quality and effluent quality, and studied on the modeling of typical artificial wetland and the scheduling program of water quality and quantity.

کلمات کلیدی:

Wavelet Neural Network; Virtual Data; Modeling; Scheduling of Water Quantity and Quality

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