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Article

Two Adjustable Waterfalls for Evaluating Fish Jumping Performance

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Abstract

Instream obstacles such as low-head dams and waterfalls are important in fisheries management because they can restrict the movement of fishes. This can have detrimental or beneficial effects on a fish population, depending on whether a particular structure operates as a barrier to migration or as a barrier to invasion. We developed flashboard-type and flume-type adjustable waterfalls in the laboratory to

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aluating Accept All oplied to Essential Onlult Rio rfall worked Settings epth were same ume-type maximum

depth of the raceway. Of the two waterfalls developed, we recommend using the flumetype for future studies because of its greater flexibility, even though it has a higher construction cost and is slightly more difficult to operate.

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