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Ecohydraulics of Pool-Type Fishways

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Deadline for manuscript submissions:

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Message from the Guest Editors

Dear Colleagues,

Fishways are hydraulic structures that mitigate the negative effects of anthropogenic barriers in rivers by allowing fish to move upstream and downstream, thus restoring longitudinal connectivity.

Pool-type fishways are one of the oldest, most widespread types of fishway. They may present different configurations, from the alternate deep notch and submerged orifice design, which needs relatively low discharge to operate, to the vertical slot fishway, which is considered the best technical fishway type when multiple species are targeted, allowing fish to negotiate the slots at their desired depth. Recently, the concepts of double or multi-slot fishways, that reduces the discharge needed to operate, has been applied and developed.[...]

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