



Advances and Experiences in Fishway Design and Assessment

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Message from the Guest Editors

Fishways *sensu lato* are the most used solution to mitigate longitudinal connectivity problems caused by river barriers. There are multiple types of fishways (nature-like, step pools, baffles, lifts, locks, etc.) and all aim to allow the free, safe movement of migratory fish through barriers without delay. However, today, there are still multiple unknowns (performance for less known species, ethohydraulics, attraction, bidirectional usage, etc.) that could deviate fishways from their objective and require more research and development.

New advances in ecology, behavior, and swimming performance of fish are guiding current designs to multiespecies fishways, with the goals of lightening hydrodynamic requirements for fish (e.g., by naturalization, incorporating roughness, or other geometrical features), improving attraction/rejection to key locations, or proposing new fishway typologies (e.g. pumps, siphons or screws), among others [...]

For further reading, please follow the link to the Special Issue Website at:

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Message from the Editor-in-Chief

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