

Objective

The aim of this new work is to synthesise, and generate, research facilitating greater adoption of fishway technology in South East Asian countries through improved capacity and governance structures.

The project has four broad objectives:

- To understand the motivations of donors, investors and irrigation agencies for choosing whether or not to include fish passage within development projects.
- To define institutional capacity needs to enable design and implementation of future fish passage programs and facilitate uplift in fishways capability.
- To fill critical knowledge gaps needed to demonstrate proof of concept to donor agencies.
- To identify policy needs of the partner countries and donors

Expected scientific results

- Publication in several international journals and accepted proof of concept.

Expected impact/outcomes

- Providing a platform for informed, evidence-based decision-making (donors, government agencies) across South East Asia on fish passage construction programs.
- Developing a targeted capacity building program geared towards addressing long-term institutional needs in the field of fish passage.
- Ensuring that research has guided the development of fish passage policy and legislation in Myanmar, Cambodia, Lao PDR and Indonesia.
- Improving capacity for government decision-makers, local researchers, managers and communities to apply fish passage technology.
- Improving local economies for men and women through increased fisheries production, and nutritional and economic impacts
- Improving floodplain fisheries diversity and sustainability wherever fishways are constructed.
- Adoption of regulatory and legal instruments which are informed by world-class scientific and environmental research.

