



Southeast Asian
Fisheries Development Center



Australian Government
Australian Centre for
International Agricultural Research



Department of Fisheries,
Thailand

Series of small dams and pools

Fish jumps over from pool to pool

Pool & Weir

CLOSE-TO-NATURE TYPE
TECHNICAL TYPE

Existing Wier

Resting Pool

Entrance

Rock Ramp

Transverse ridge rocks forming a series of pools and falls at about 2 m intervals

Fish Locks

Transport fish over high structures

Chamber is periodically closed

Trasitional phase: Lock fills with water fish follwer rises

Fish are drawn into the chamber using attraction flows.

APPROPRIATE OF
INDIGENOUS
**FISH
PASSAGE**
FOR THAILAND AND
SOUTHEAST ASIAN COUNTRIES.

Vertical-Slot

generally used on medium-sized weirs up to 6 m high

Concrete channel structure

Divided into individual pools

Turbulence and velocity is determined by the size of the pool

Turbulence and velocity determine the size and species of fish utilizing the fish passage.

Cone

Designed to pass a broad size range of fish

Larger fish passes at high flows

Small fish passes at low flows

Conservative hydraulics (low velocities and turbulence levels)