

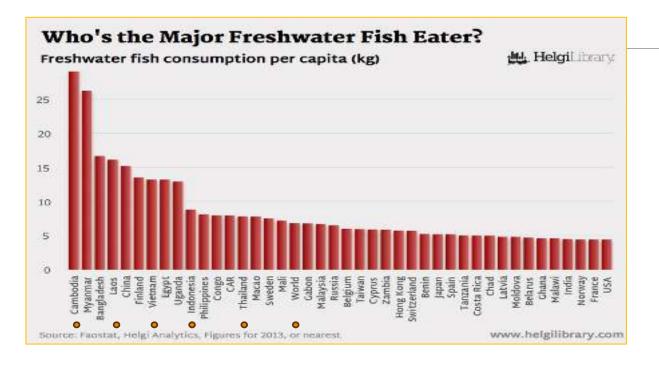
Fishways can help provide nutritious food to your

community

MEKONG REGIONAL FISH PASSAGE CONFERENCE SIEM REAP 2025



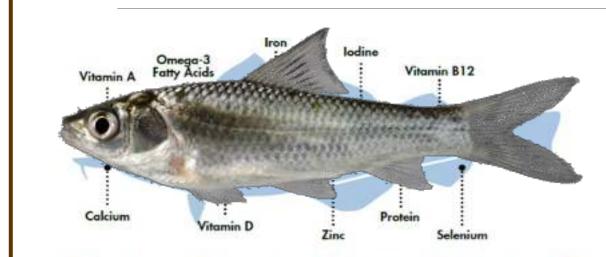
Fish benefit people





- Fish benefit environment and people in many ways
- 3 billion people rely on (fresh and saltwater) fish as food (WWF 2024)

Nutrition from fish can support SDGs





LONG CHAIN **OMEGA-3 FATS**

Mainly found in fish and fishery products, these fatty acids are essential for optimal brain development.



IODINE

Seafood is in practice the only natural source of this crucial nutrient. lodine serves several purposes like aiding thyroid function. It is also essential for neurodevelopment.



VITAMIN D

Another nutrient crucial for mental development, this vitamin also regulates the immune system function and is essential for healthy bones.



During pregnancy, iron intake is crucial so that the mother can produce additional blood for herself and the baby.

IRON



ZINC, OTHER MINERALS



CALCIUM.

Diets without dairy products often lack calcium, and zinc deficiency slows a child's development.



14 LIFE BELOW MAXTER

1 NO POVERTY

13 CLIMATE











17 GOALS TO TRANSFORM OUR WORLD



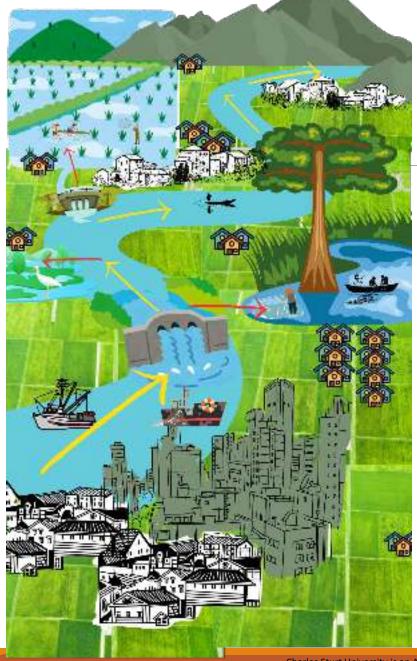
























Fish passage



"Cambodian fishery scientists and irrigation engineers are working with donor countries, especially Australia, to advance fish passage technology in the Mekong Region. This work is essential for protecting fish populations, ensuring Cambodian food security and rural nutrition. We are committed

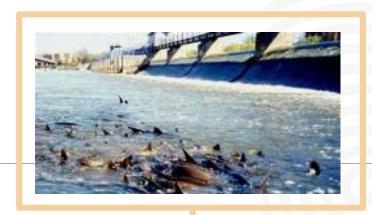


Direct demonstration that fishways can provide passage for many species of fish at floodplain regulators which will help generate ecological outcome and provide food security for communities reliant upon wetland capture fisheries.



FISH RESTORATION FOR FOOD SECURITY

Fish populations are in decline across the Mekong Basin, in large part due to construction of dozens of hydropower dams and thousands of irrigation weirs, impacting more than 60 million people. These structures block migratory species from moving to historic spawning areas and dry season refuges. Recently constructed fishways under SIM now allow millions of fish to move through barriers, increasing the abundance of fish for communities upstream.





Prioritising barriers

- So many barriers and not much money
- We can choose which barrier to put a fishway on using a prioritization process.

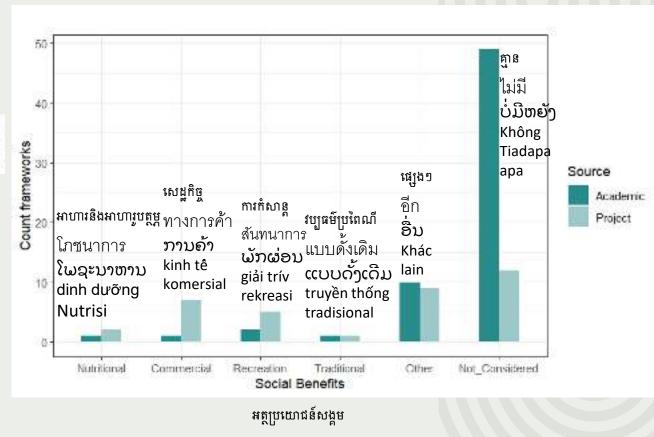


Prioritising barriers for nutrition security

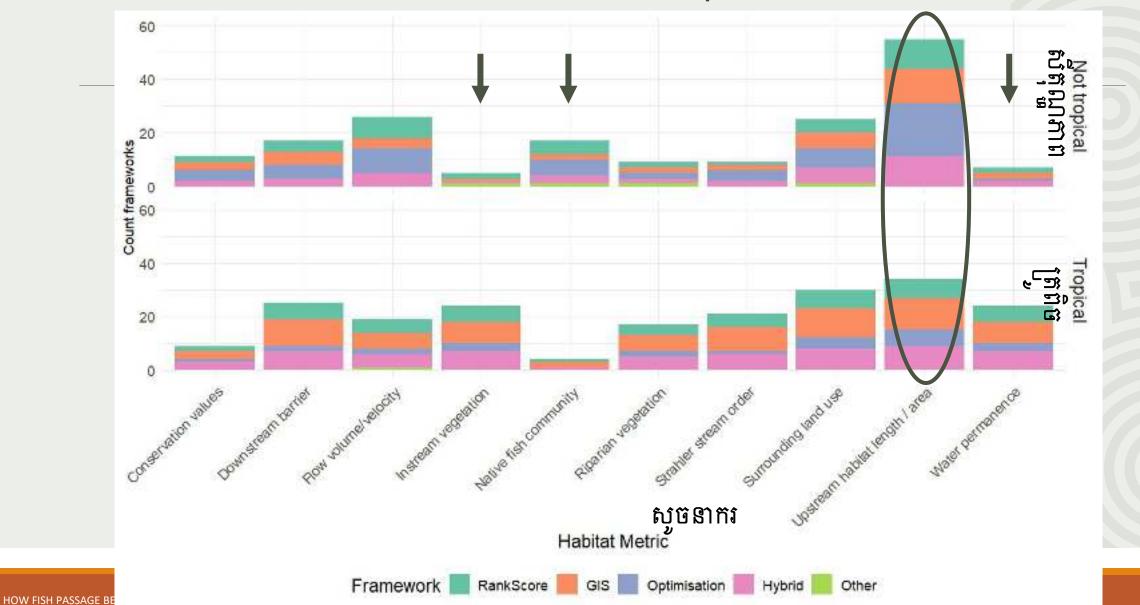


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- Food security is the goal of fish passage in Mekong countries.
- 3/93 frameworks had nutrition indicators.

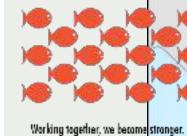


ននាមារស់នៃអារតាស់ទែខ - Examples of measurements











Samraong **ÖTDÄR MÉANCHEY** Theng RÖTANÖKIRI Meanchey BANTEAY STORNG TRENG • Banlung SIĔMRÉAB Pagy Paet . PREAH WIHEAR Sisophon Stung Treng Lumphat Siem Reap ĂTDÂMBÂNG Battambang Tonle KAMPONG THUM Sab MÔNDÓL KIRI Kampong Thom KRACHÉH Kratie Sen Monorom 📤 Pursat 💢 Chhriang KAMPONG Tonlo KAMPONG Kampong Cham GHAM Suong CHHNĂNG PHNUM PENH TBONG KHMUM Smach Koh Kong Mean Chey Kampong Phnom Penh Speu KANDAL Prey Veng Ta Khmau KAOH KONG KAMPONG Fish Dependency SPÆ SVAYIRIENG TAKÉV 0: 2.5 PREAH Svay Rieng Takeo SIHANOUK 2.5 - 8.1 8.2 - 17.1 Phumi KAMPOT 17.3 - 33.9 Sihanoukville Véal Srê Kampot 34.0 - 74.2 Fishway Krong Kep Existing Proposed Province Major city

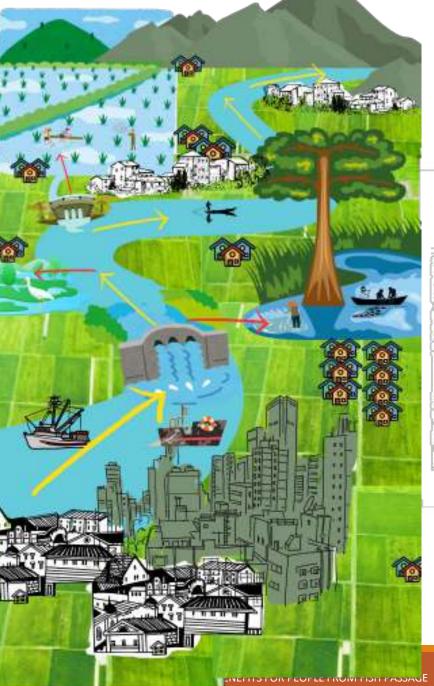
Sources: Esri, TomTom, Samila, TAD, NOAA, USGS, Q OpenShideMap contributors, and the GIS User Community.

Kircenshox

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ជួយត្រីចំណាក្សត្រក ផ្តល់ប្រមេលប់តំដល់ប្របា

ពលវដ្ឋខ្មែរ!

 How can you use fishways to help your community?

