



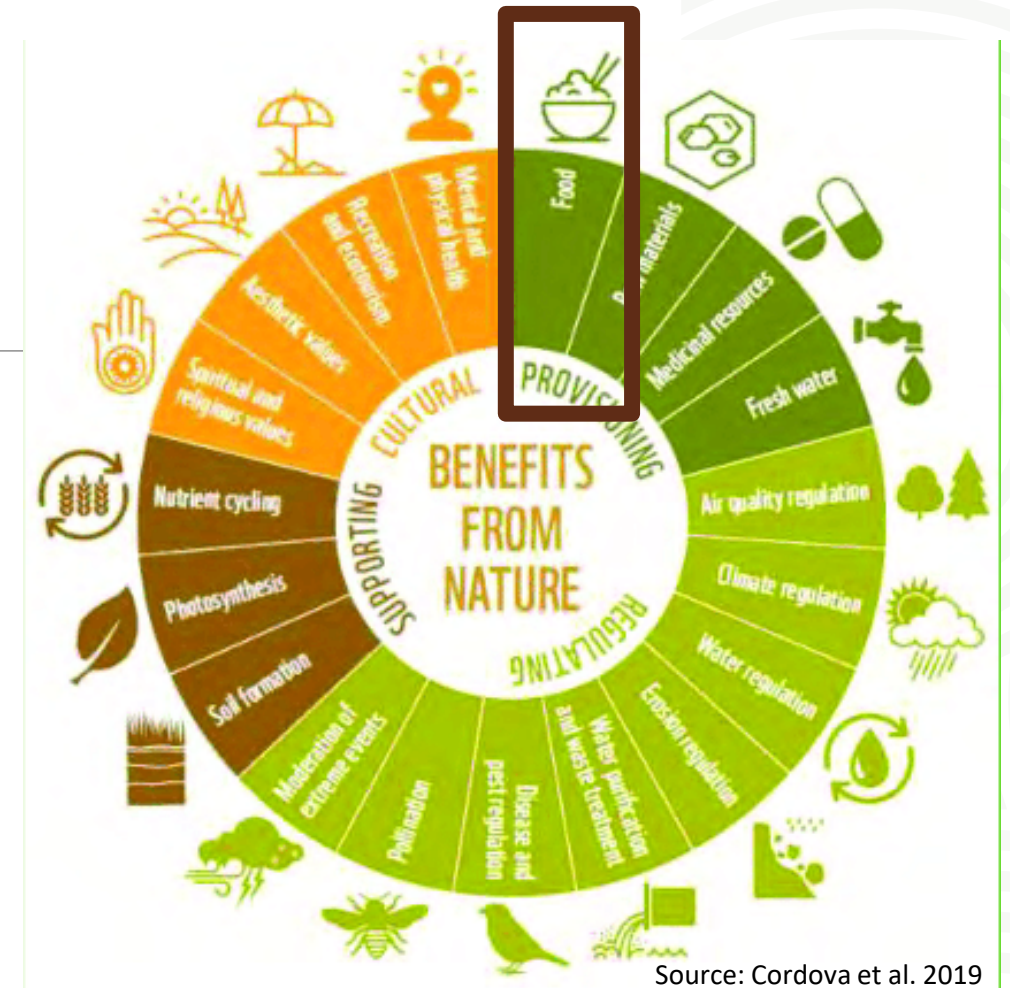
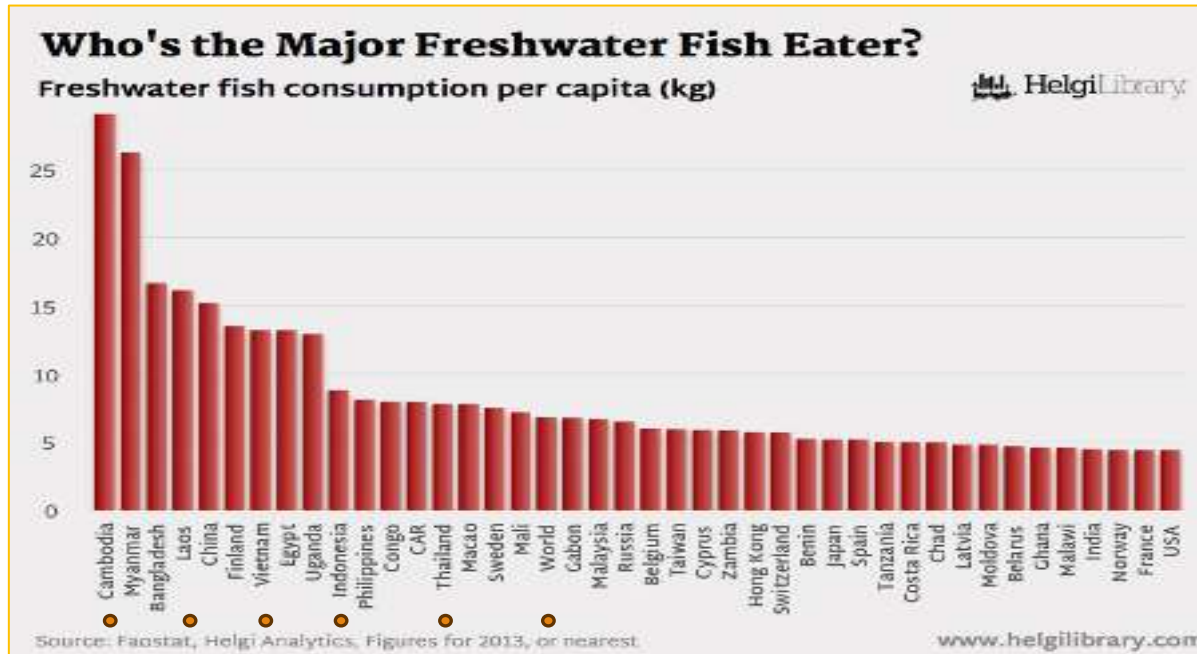
Charles Sturt
University

Fishways can help provide nutritious food to your community

MEKONG REGIONAL FISH PASSAGE CONFERENCE
SIEM REAP 2025

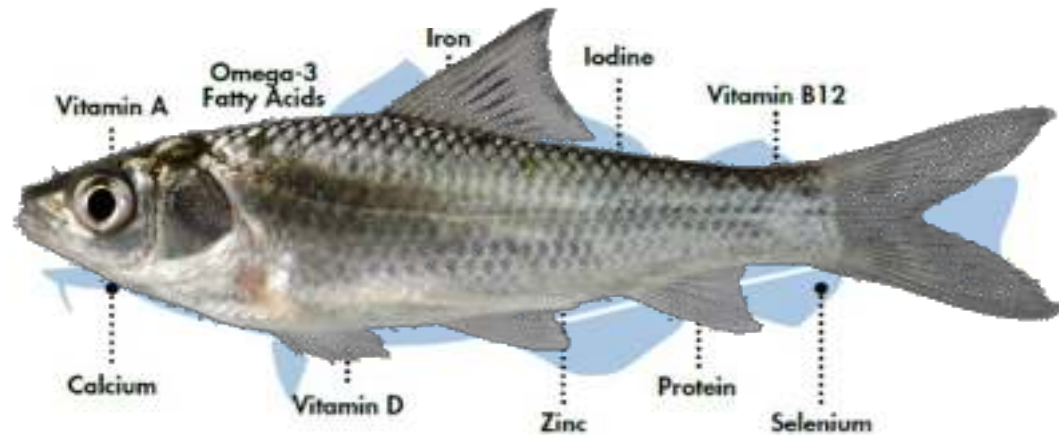


Fish benefit people



- 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. Iodine 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.

IRON

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

CALCIUM, ZINC, OTHER MINERALS

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







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.



- Charles Sturt University is a
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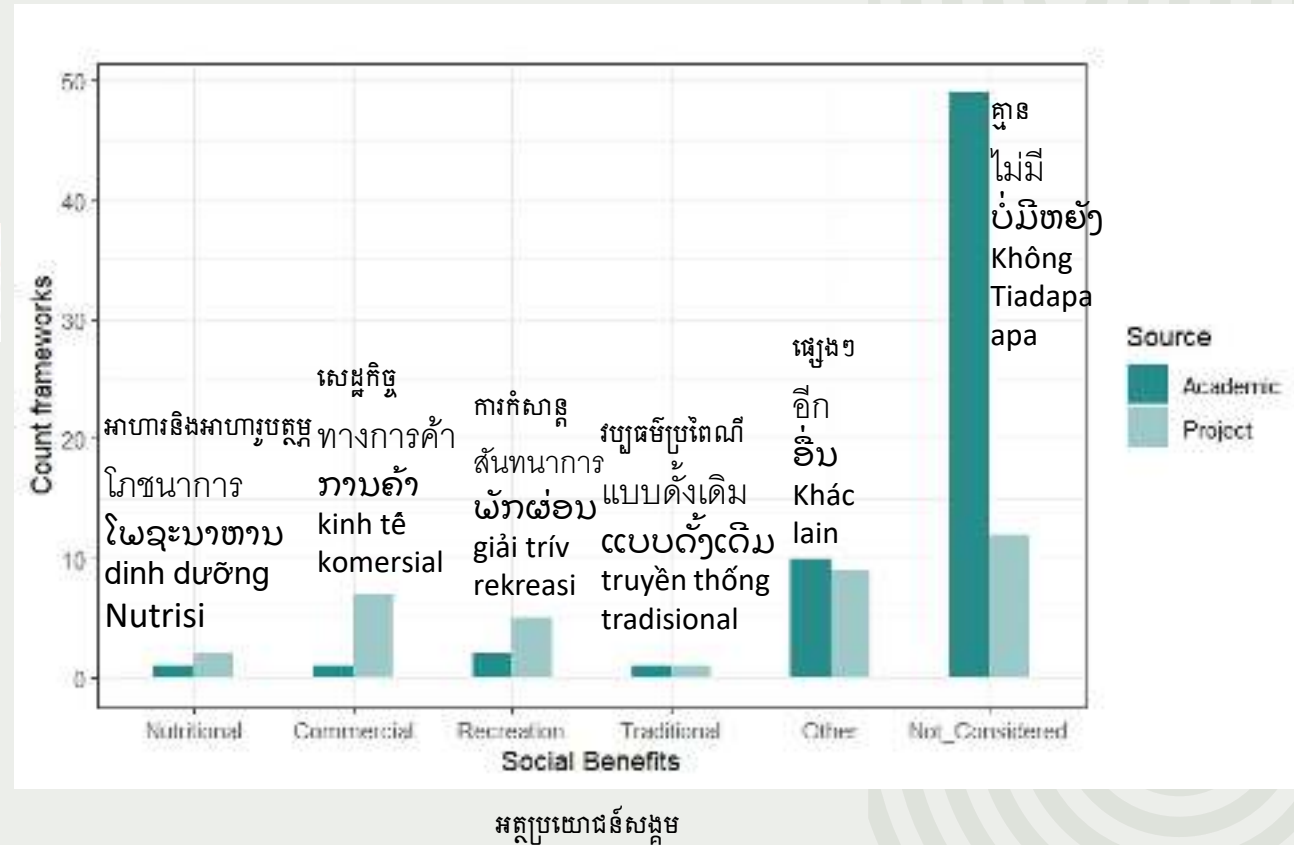


Prioritising barriers for nutrition security

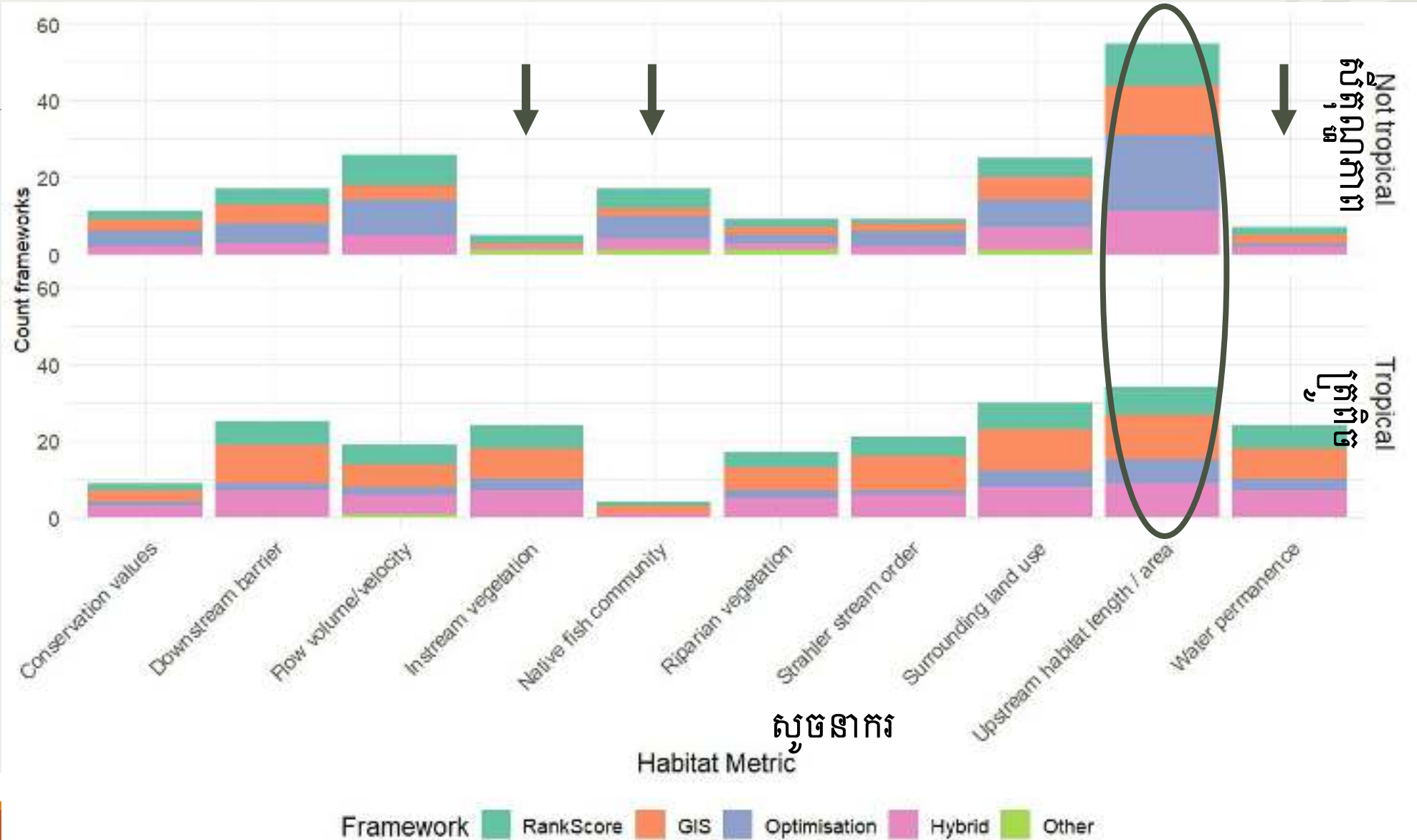


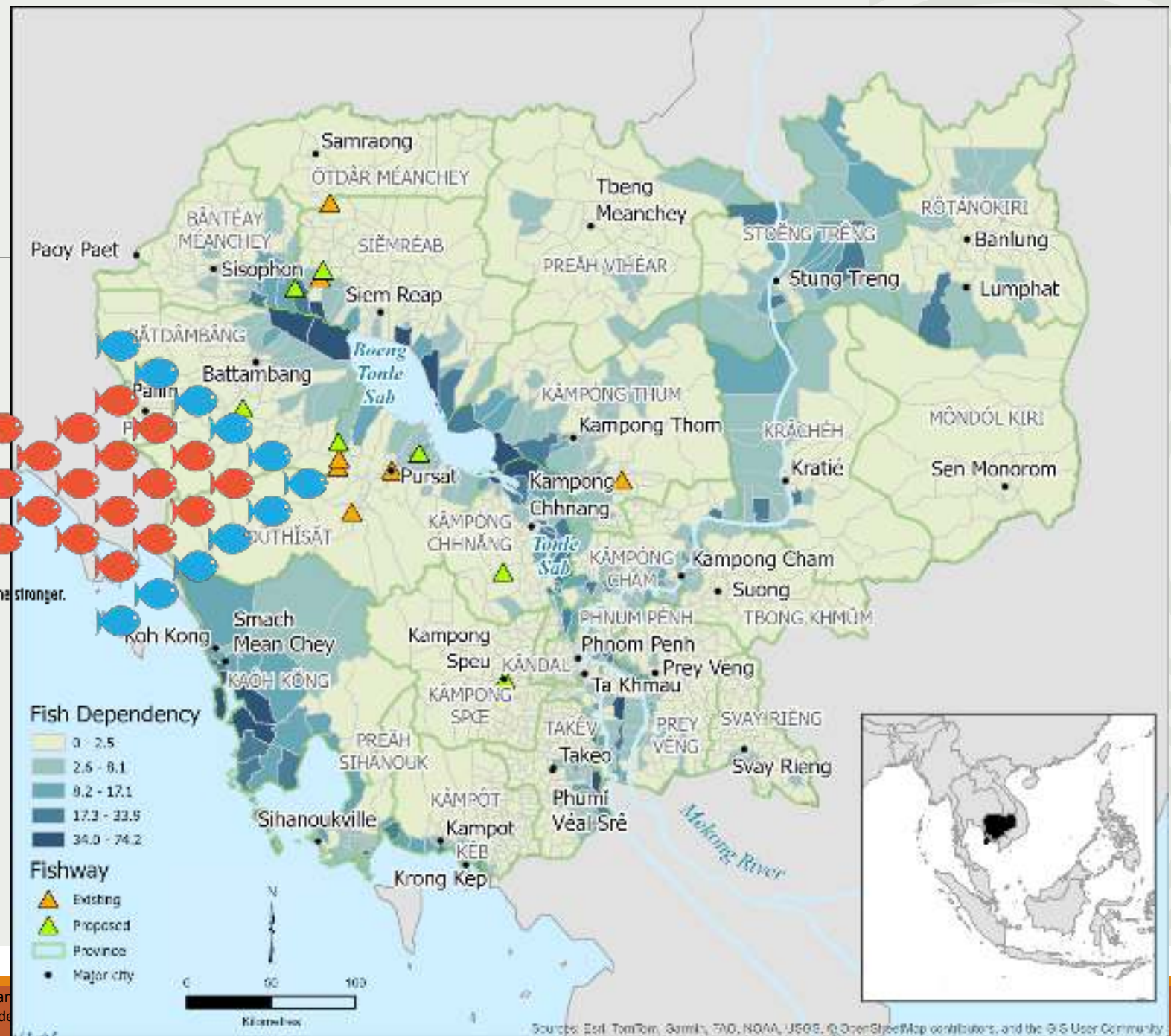
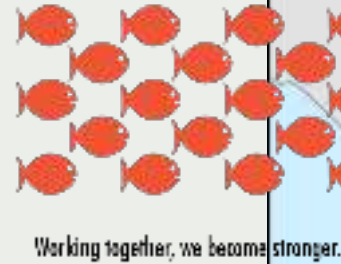
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- Food security is the goal of fish passage in Mekong countries.
- 3/93 frameworks had nutrition indicators.



ឧទាហរណ៍នៃការវាស់វែង- Examples of measurements







ENRICHES THE DIET OF PEOPLE FROM FISH PASSAGE

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ជួយ ត្រី ចំណាកស្រុក ផ្លូវ ប្រយោជន៍ ដល់ ប្រជា ពលរដ្ឋខ្មែរ!

- How can you use fishways to help your community?

