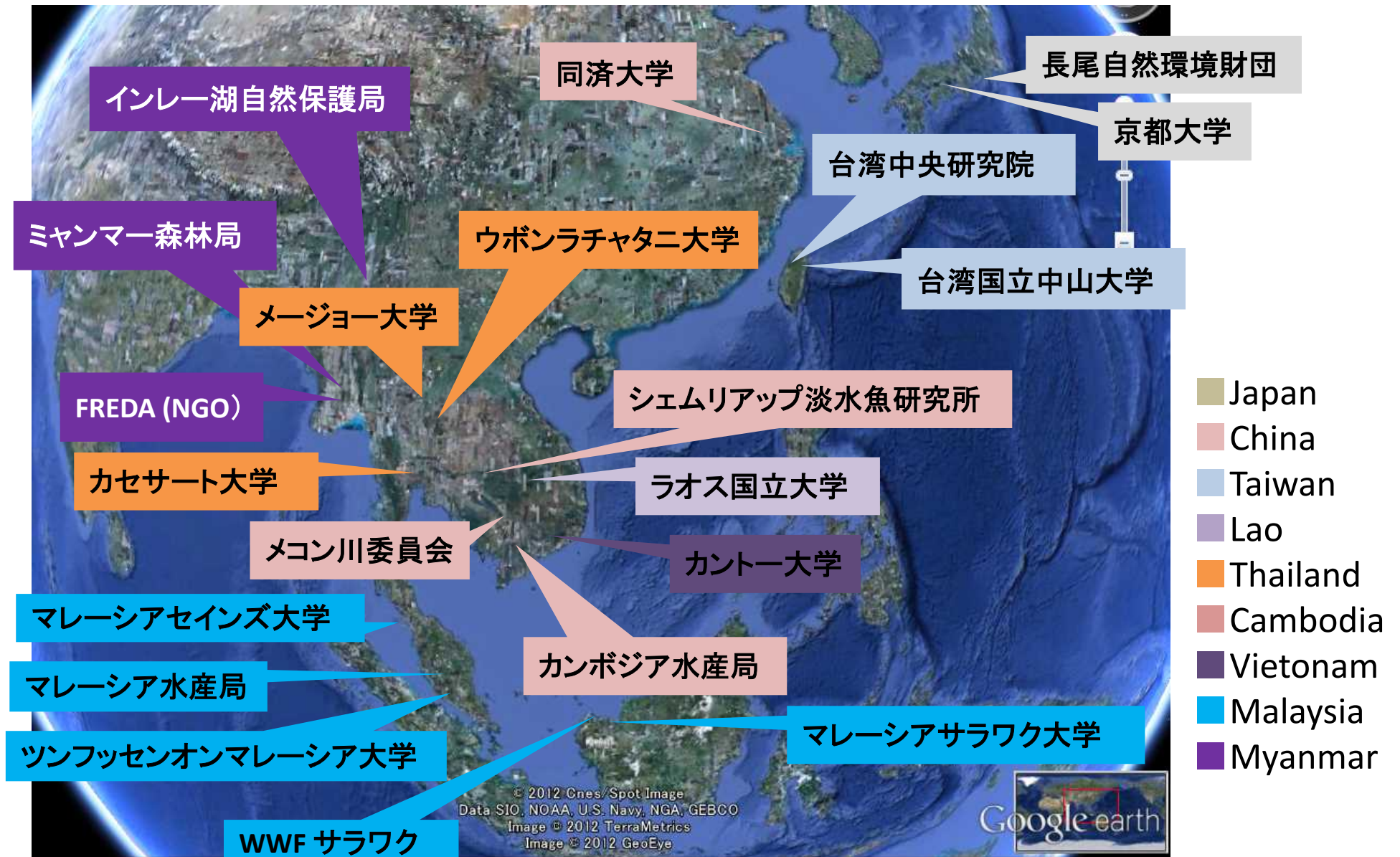


Promoting freshwater fish assessment in tropical Asia

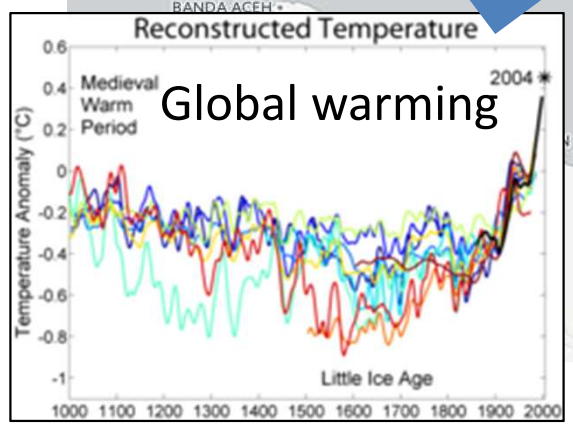
Concrete strategies of freshwater fish
observation as simple as possible

Network of freshwater fish research



9 countries and 21 institutes

Drivers of freshwater fish biodiversity and the habitats in SE Asia



Focus on.....



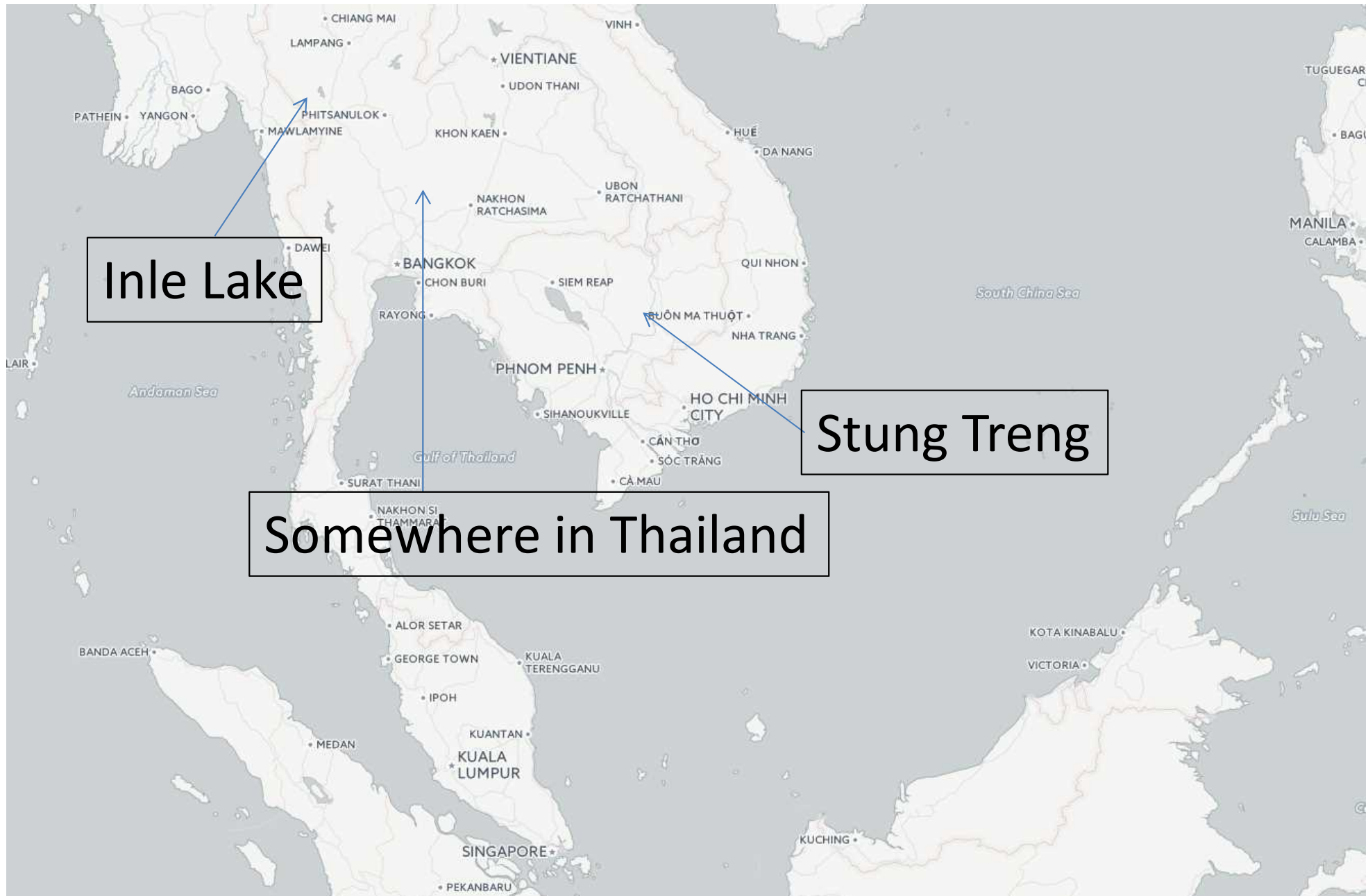
Alien fish



Hydropower dam

Because these issues are global

Candidates for long-term monitoring sites



Inle Lake

Stung Treng

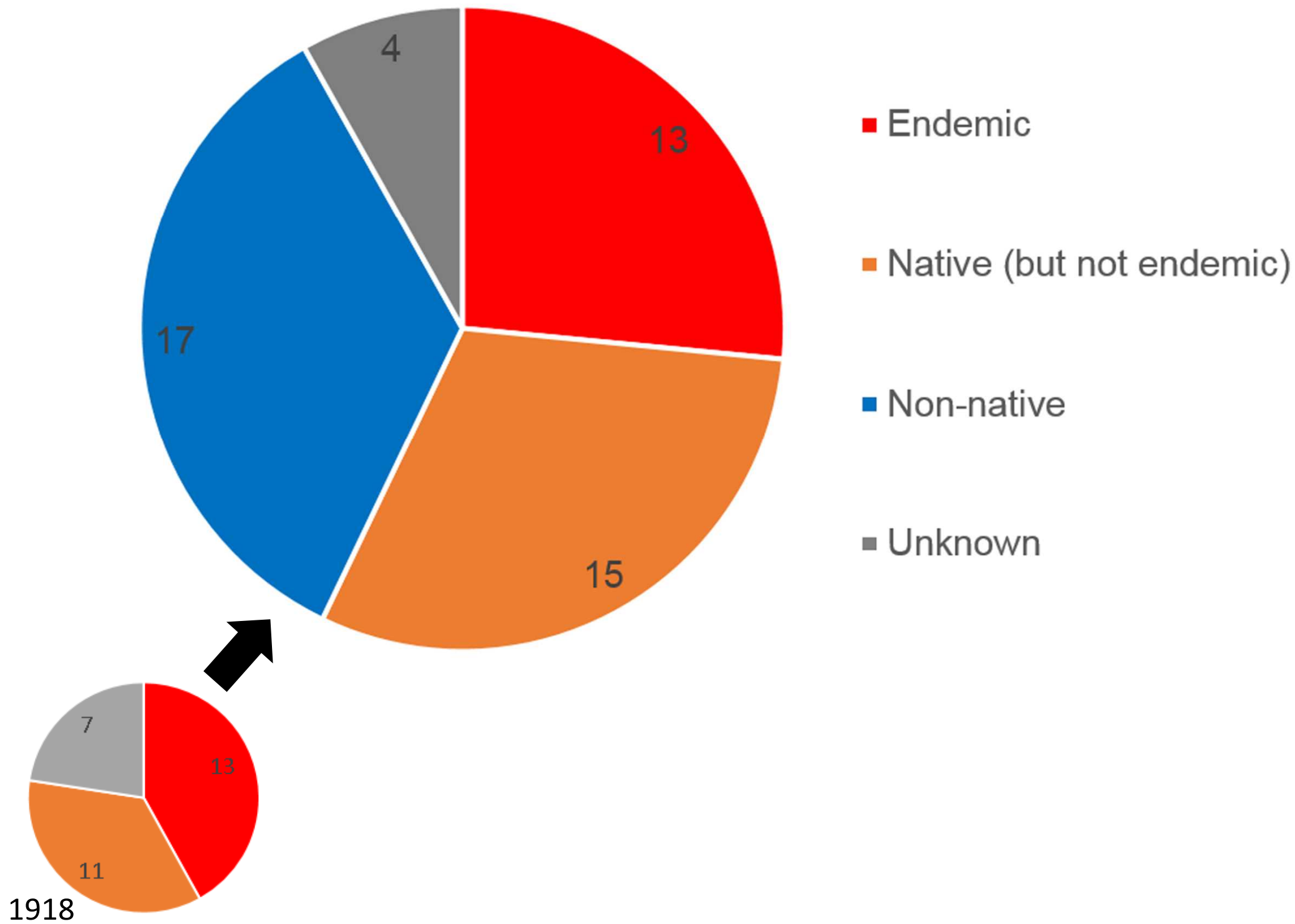
Somewhere in Thailand

Inle Lake

Low alpha diversity but high beta diversity

But alien fish....



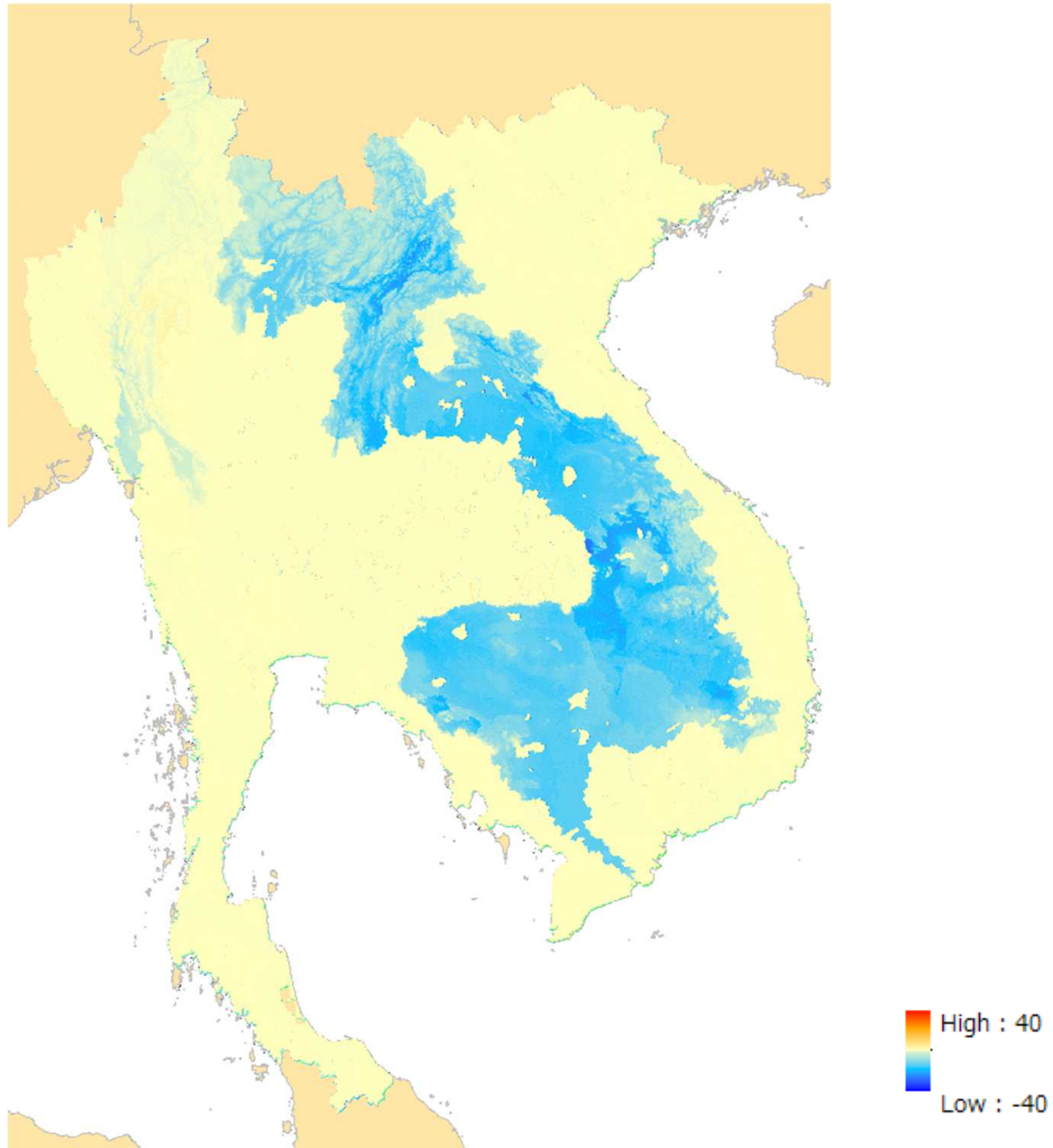


Stung Treng



Mainstream of Mekong River, spawning site for many fishes

Impact of dams in Mekong River



△ Current species richness

Chao-phraya River



Monitoring methods

1. Direct field survey by sampling and/or snorkeling at defined area



2. Market survey



Comparing the ratio of relative areas of

Wild native fish

Wild alien fish

Aquaculture fish

We can compare the ratios among sites.....

3. Environmental DNA



but NOT appropriate at acid peat swamps

