



Provisional Prospectus
Regional Training Course on Fish Larvae
SEAFDEC Training Department, Samut Prakan, Thailand
on 16 Nov – 3 Dec 2022.

Overall implementation in the past years on
Fisheries in Lao PDR

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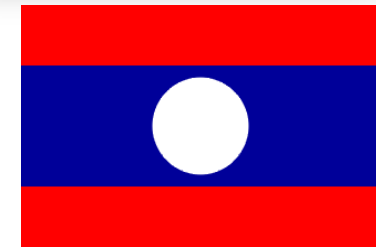
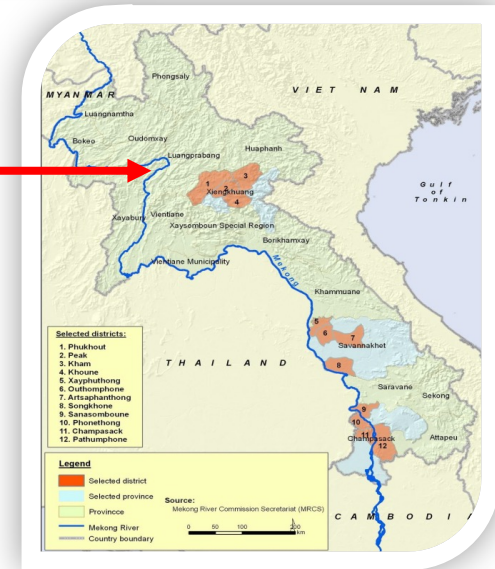
Outline



- 1. General information**
- 2. Ecological information**
- 3. Catch data information**
- 4. Research plan for fisheries**



1. General Information

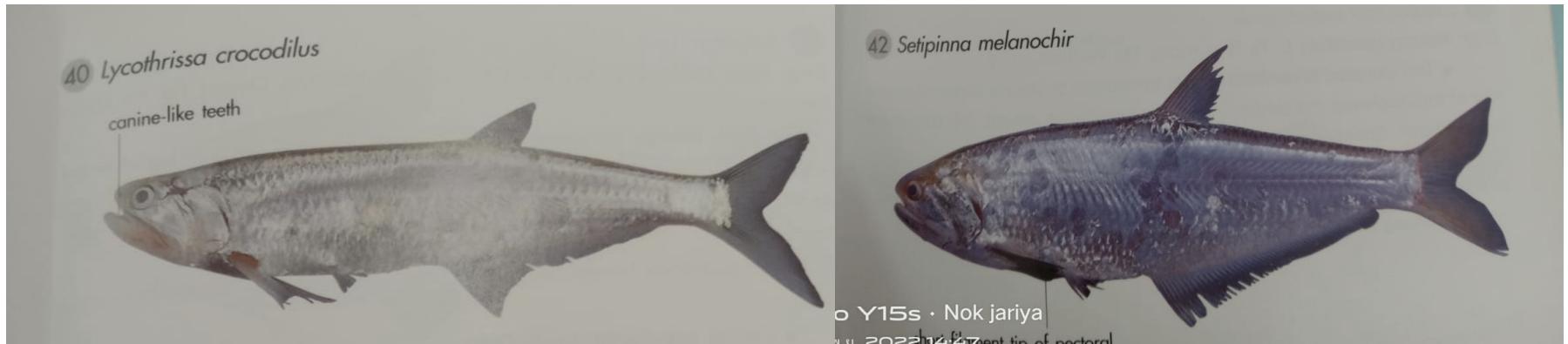


- ✓ Lao PDR is a mountainous and landlocked country.
- ✓ > 80 % is agriculture: Cultivation, Livestock and Fisheries.
- ✓ Fisheries models: Family fisheries and commercial fisheries

Six fish group of targeted species



- ✓ Lao PDR: found 2 species in **Family Engraulidae**: *Lycothrissa crocodilus* (pa mak chan; pa meo) and *Setipinna melanochir*.
- ✓ Source Found:
 - Downstream from the Khone Falls to the Mekong Delta
 - Mekong Delta up to the Tonle Sap

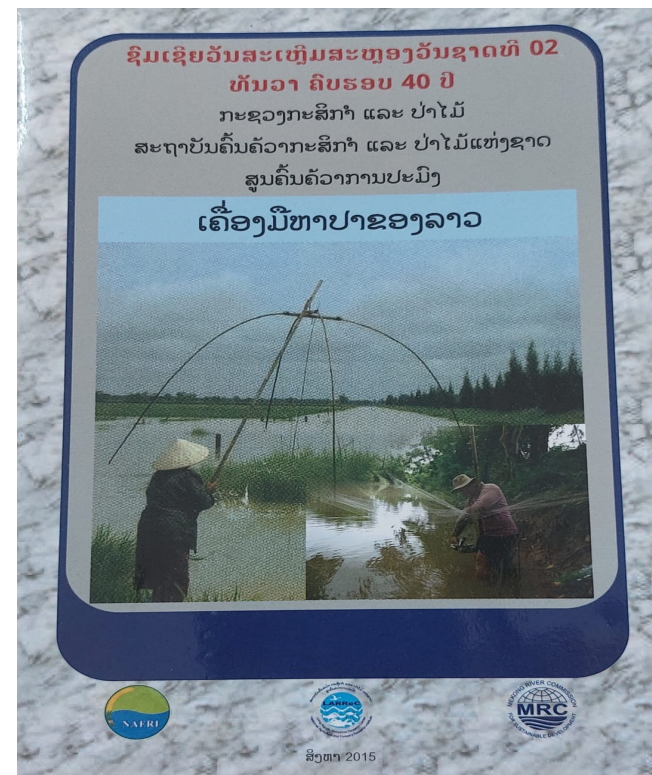


Source: Mekong River Commission

Types of fishing gears for the fishes



No.	Gear Name
1	Big bamboo cylinder vertical entrance trap
2	Big horizontal cylinder trap
3	Cast net
4	Drifting gill net
5	Drop door traps
6	Giant Cast net
7	Giant Cast net with pocket
8	Giant Lift net
9	Giant wedge cone trap
10	Hit gill net
11	Hook and line
12	Hook long line
13	Horizontal cylinder trap for rice fields
14	Lift net
15	Pumping
16	Scoop net
17	Seine net
18	Spear
19	Vertical Vase trap
20	Station gill net
21	Triangular scoop net



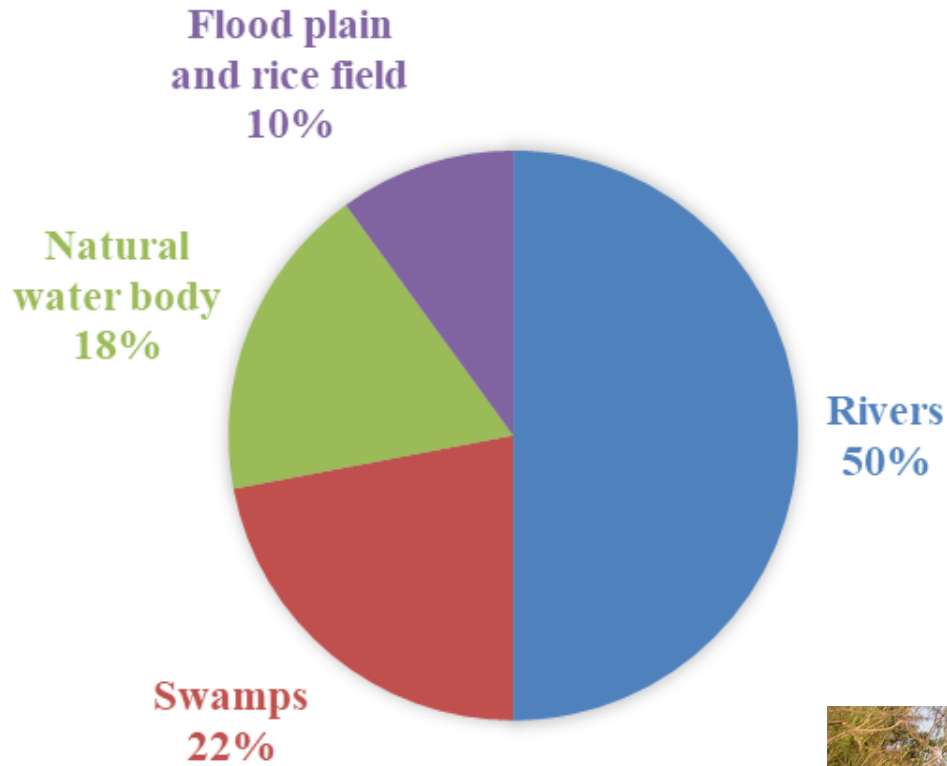
Main species of fishing gear



1. Drifting gill net
2. Cast net
3. Hit gill net
4. Station gill net
5. Drop door traps
6. Hook and line
7. Hook long line



Fishing ground of the fisheries



Source: Department of livestock and Fisheries.

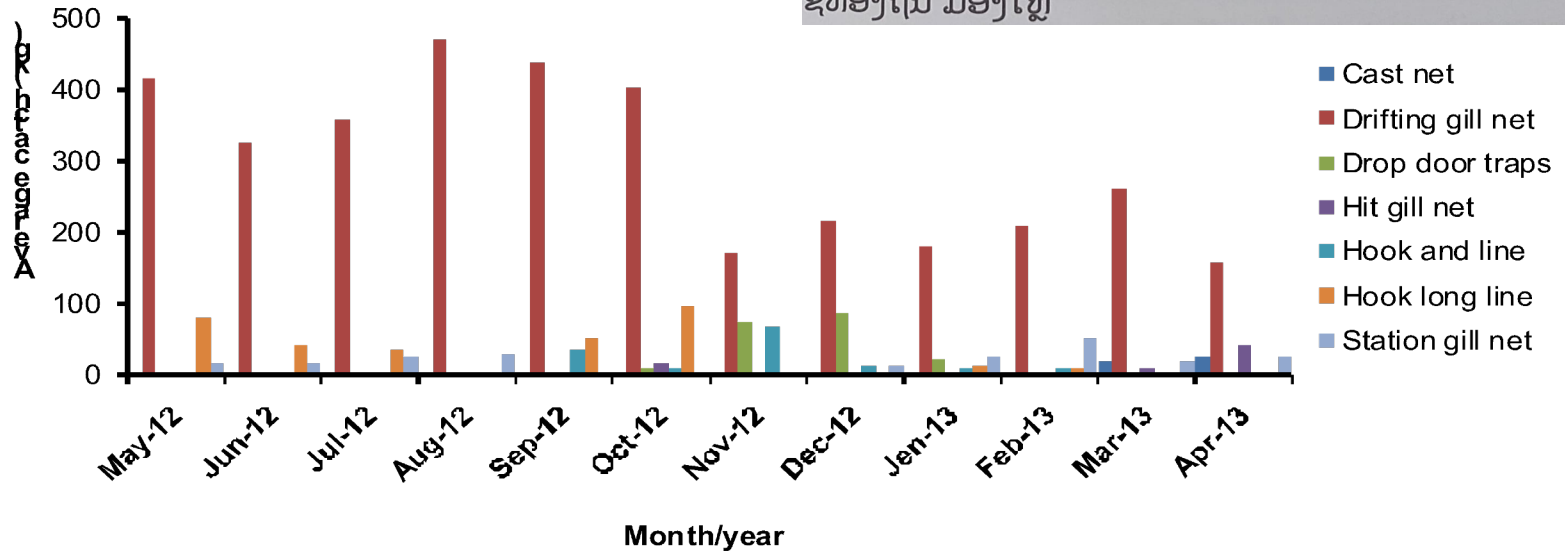
Fishing months of the fisheries



- Fishing months: All year
(Best season: May – October)
- Fishing gear: Drifting gill net



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2. Ecological information

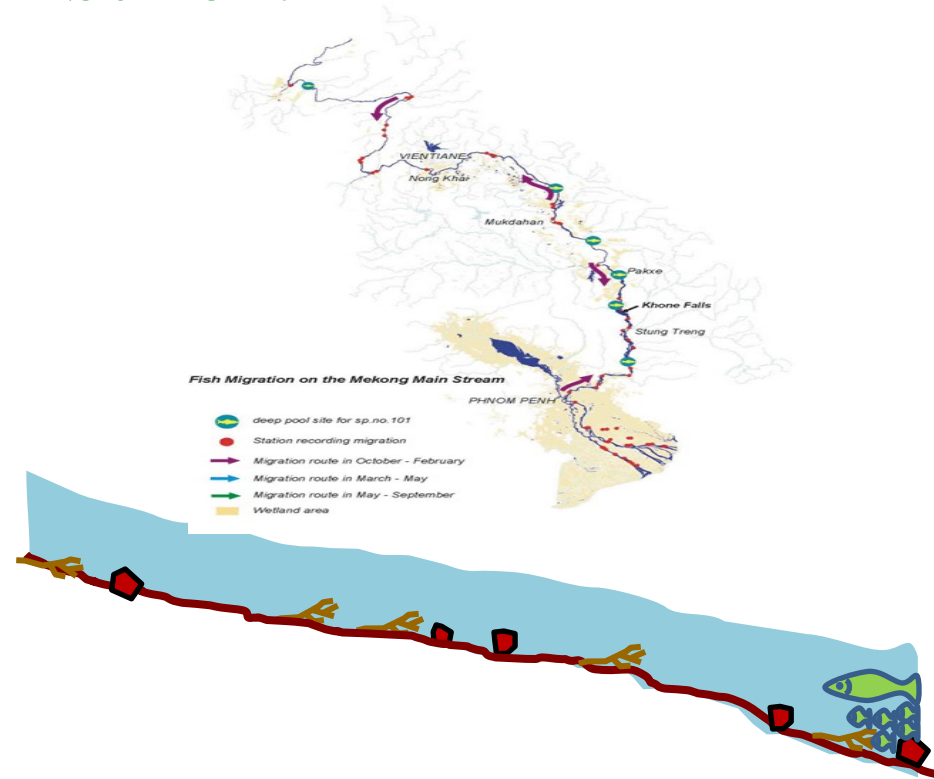


Biological and the species distribution:

- ✓ The Lower Mekong Basin:
found >1,200 species
- ✓ Lao PDR: found > 500 species.

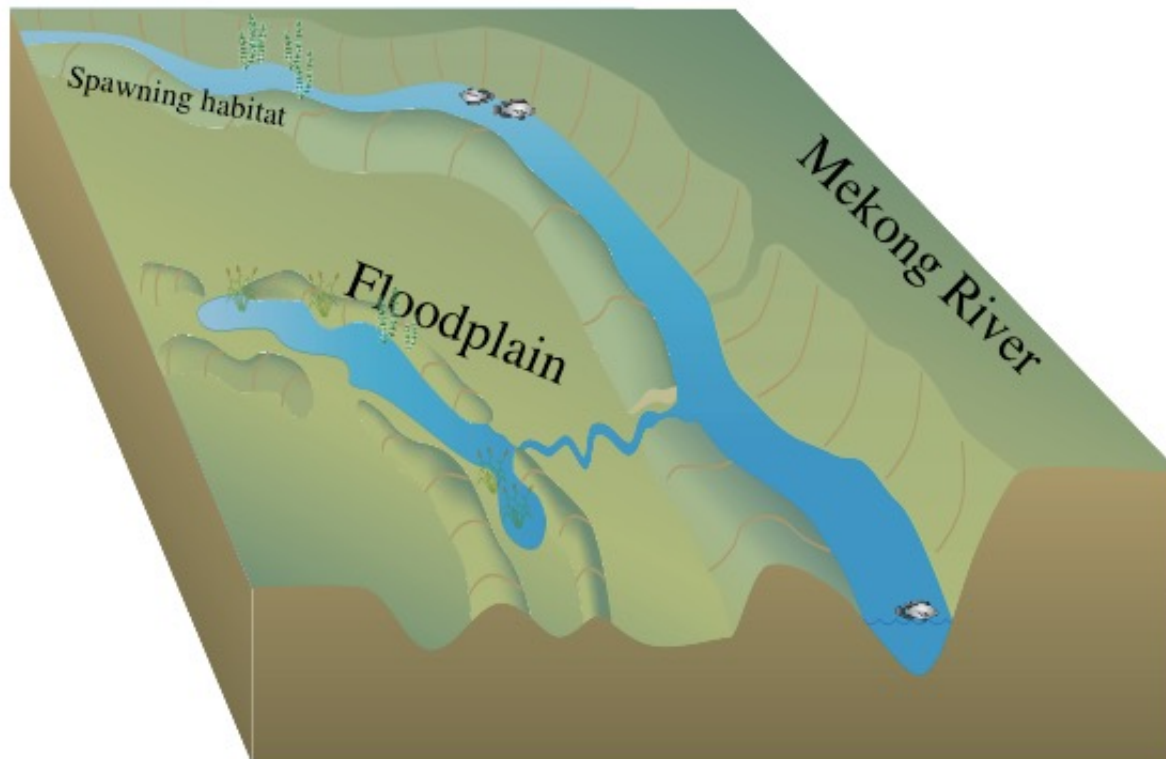
Spawning season (months):

- ✓ Rain season: May to September



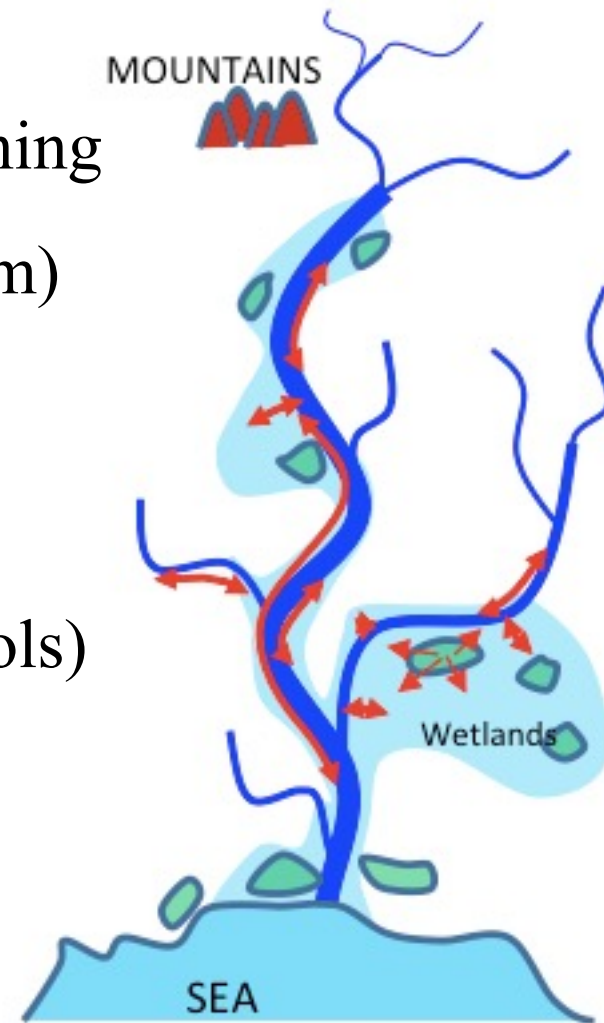
Spawning ground

- ✓ Upstream
- ✓ Floodplain areas



Migration pattern of the species

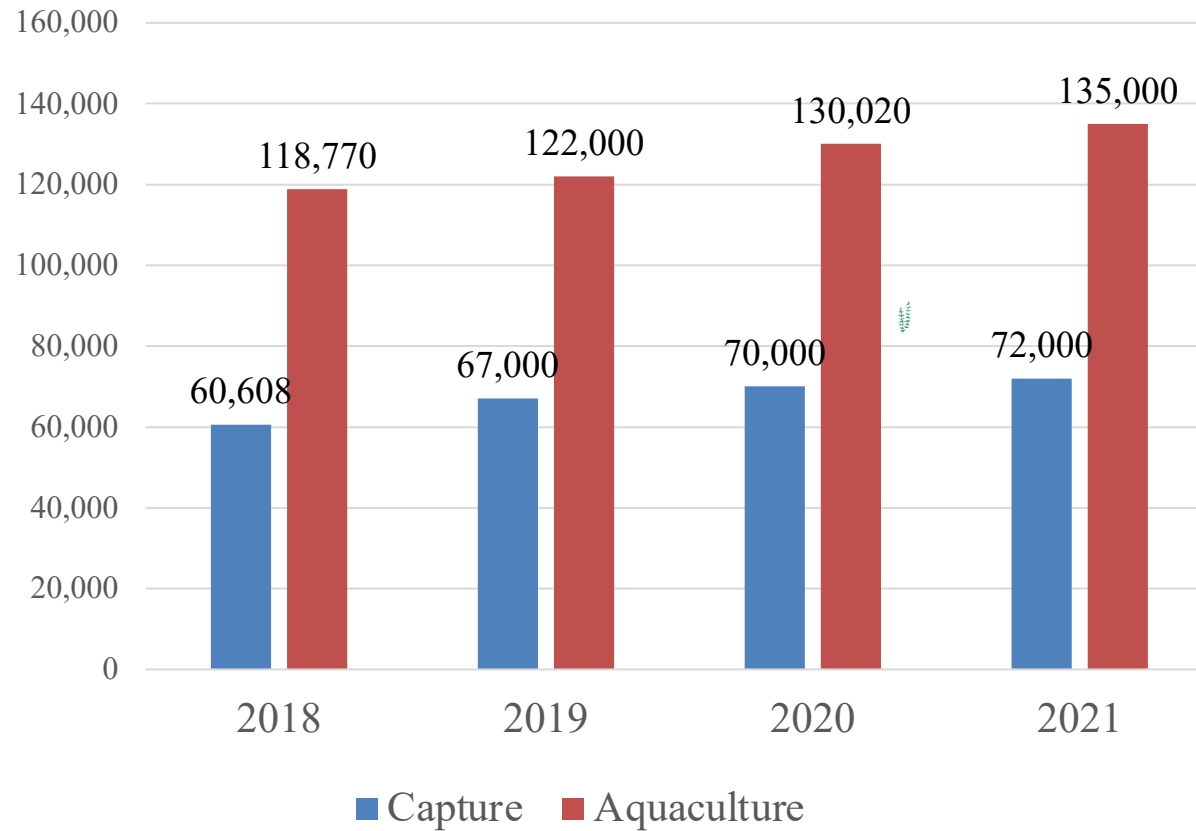
- Rain season – migration for spawning
(River, Floodplain areas, Upstream)
- Dry season – seek refuge
(wetlands, river channel, deep pools)



3. Catch data information



Annual catch from 2018 - 2021



Source: Department of livestock and Fisheries.

3. Catch data information (Cont.)



Species composition

- ✓ > 480 fish species have been identified in Lao PDR.
- ✓ 10 exotic species.
- ✓ More species are being discovered regularly.



Pangasius Kremfri



Pangasianodon hypophthalmus



Labeo chrysophekadion



Hemibragus wycki



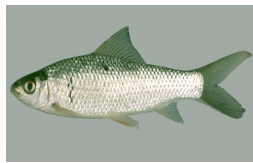
Hemibragus felamentus



Hemibragus wyckiodes



Osphronemus exodon



Cirrhinus molitorella



Barbonymus gonionotus



Clarias macrocephalus



Anabas testudineus



Tichogaster pectoralis

4. Research plan for fisheries



Target species

- Biological
- Ecosystem
- Habitat

1. *Bangana behri* (ປາຫວັງໜ້າໜໍ່)
2. *Mekongina erythrospila* (ປາສະອີ)
3. *Neolissochilus stracheyi* (ປາໂພງ)
4. *Pagasius larnuadii* (ປາຫຼຸຫວັງ)
5. *Chitala ornata* (ປາຕອງດາວ)
6. *Ta laterivitatus* (ປາແດງ)



ຂອບໃຈ (Khop jai)

Thank you for your attention.

