

AQUACULTURE IN COMMON WATER BODIES

**Hla Win
Myanmar**

11 June 2013

Bangkok

Min Ga Lar Bar





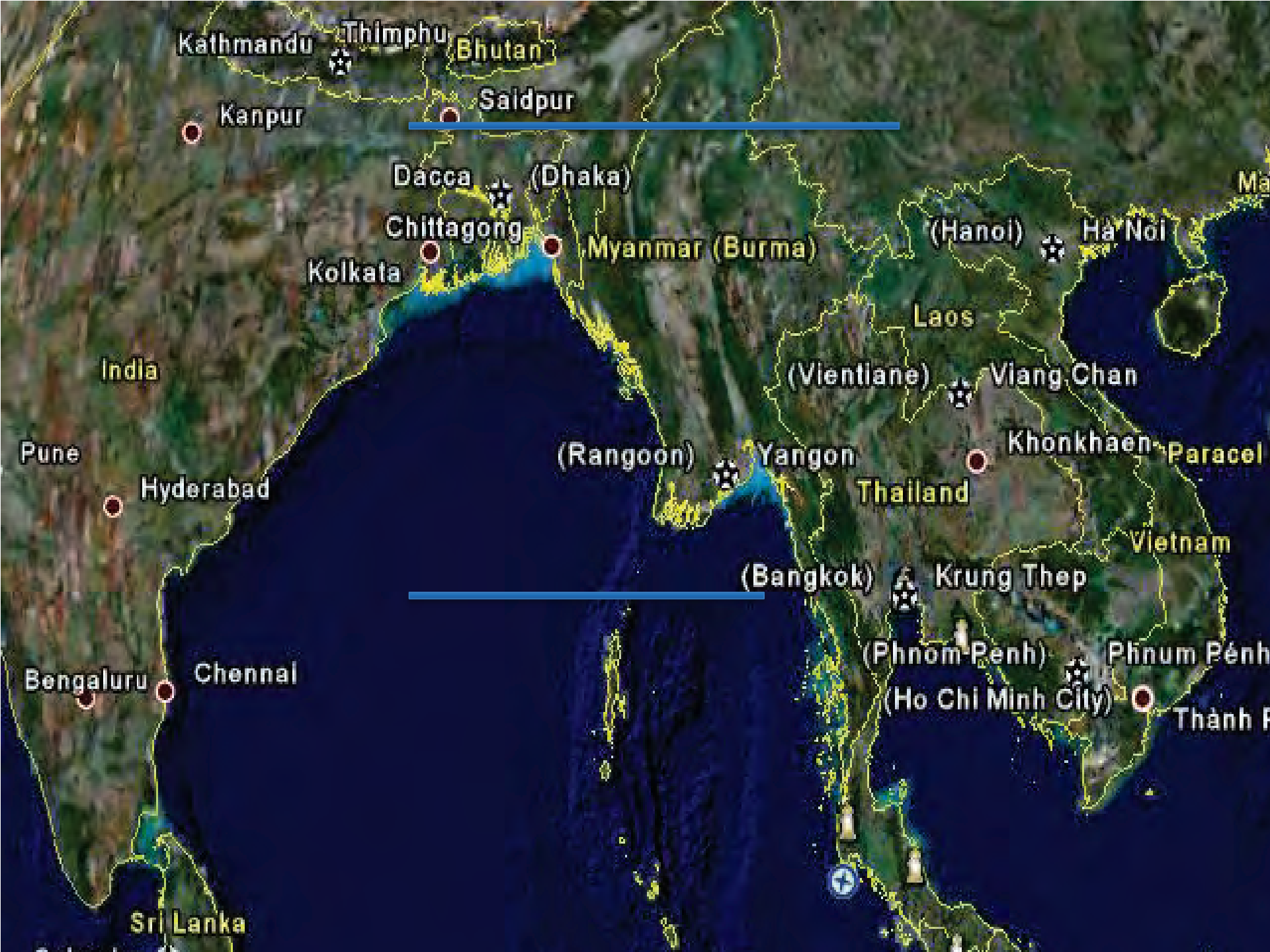
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Pointer 10°46'58.11" N 103°54'38.96" E

Streaming ||||| 100%

Eye alt 3435.39 mi



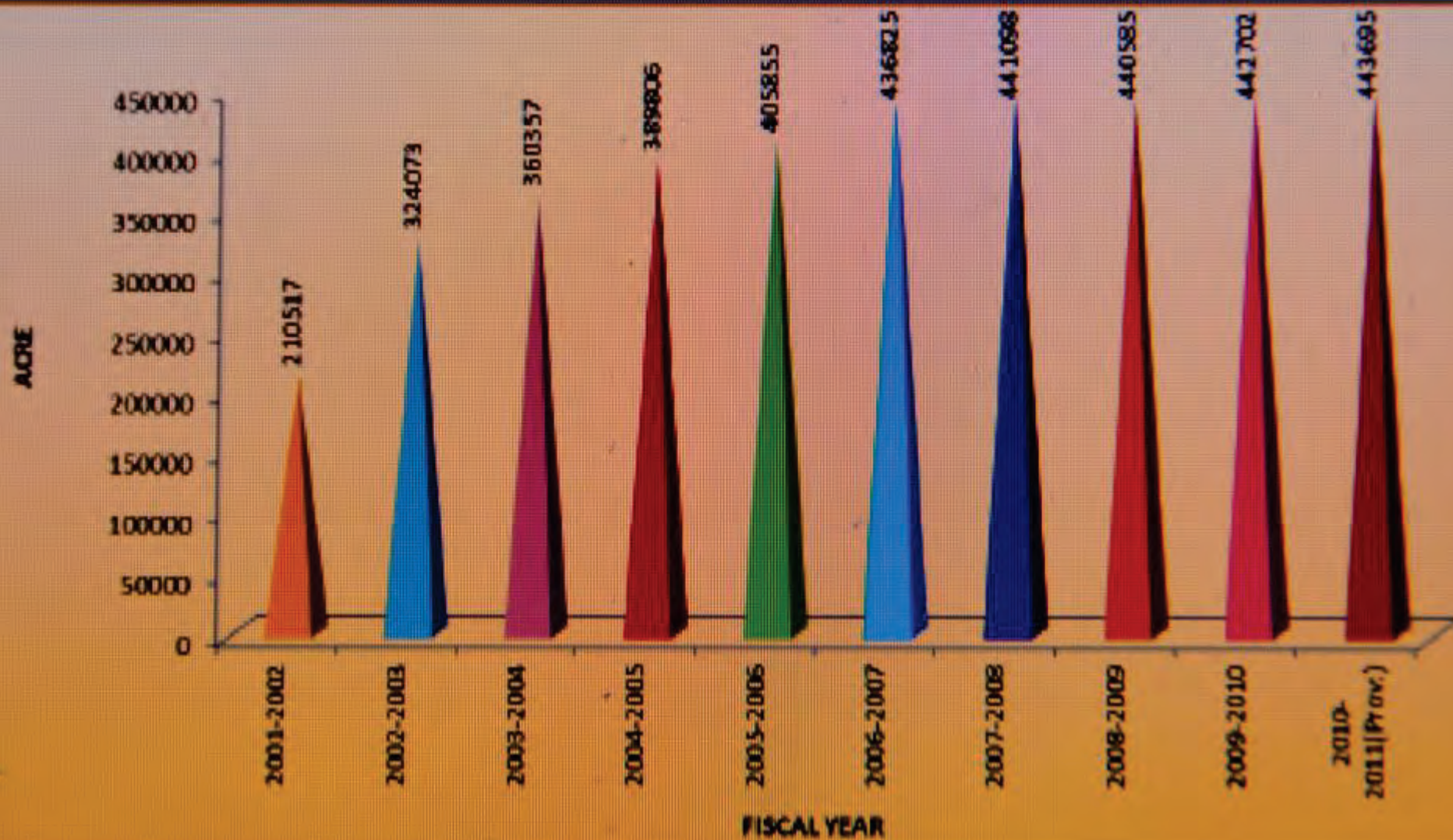
Started in 1953 with
Tiapia, common carp and
goramie

Developed in 1970

443695 acre

AQUACULTURE PONDS

(2001-2002)-(2010-2011)



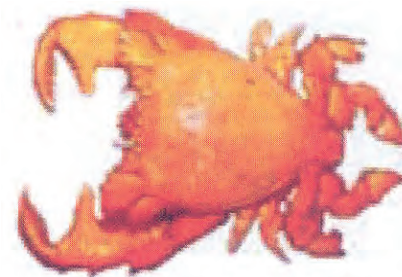
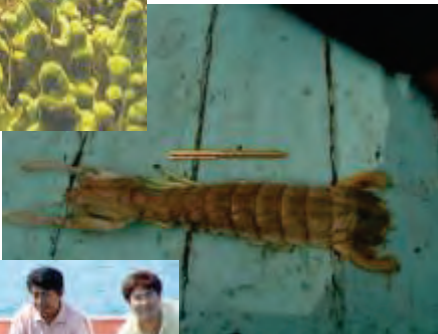
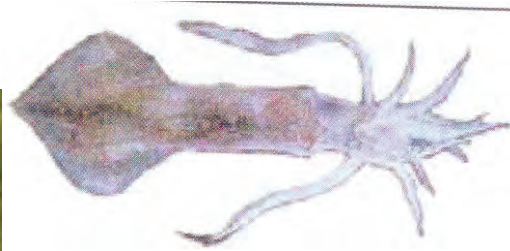
Legislation

Four Fisheries Laws

- ❑ The Law Relating to the Fishing Rights of Foreign Fishing Vessels 1989
- ❑ Law Relating to Aquaculture 1989
- ❑ Myanmar Marine Fisheries Law 1990
- ❑ Fresh Water Fisheries Law 1991



Fish means



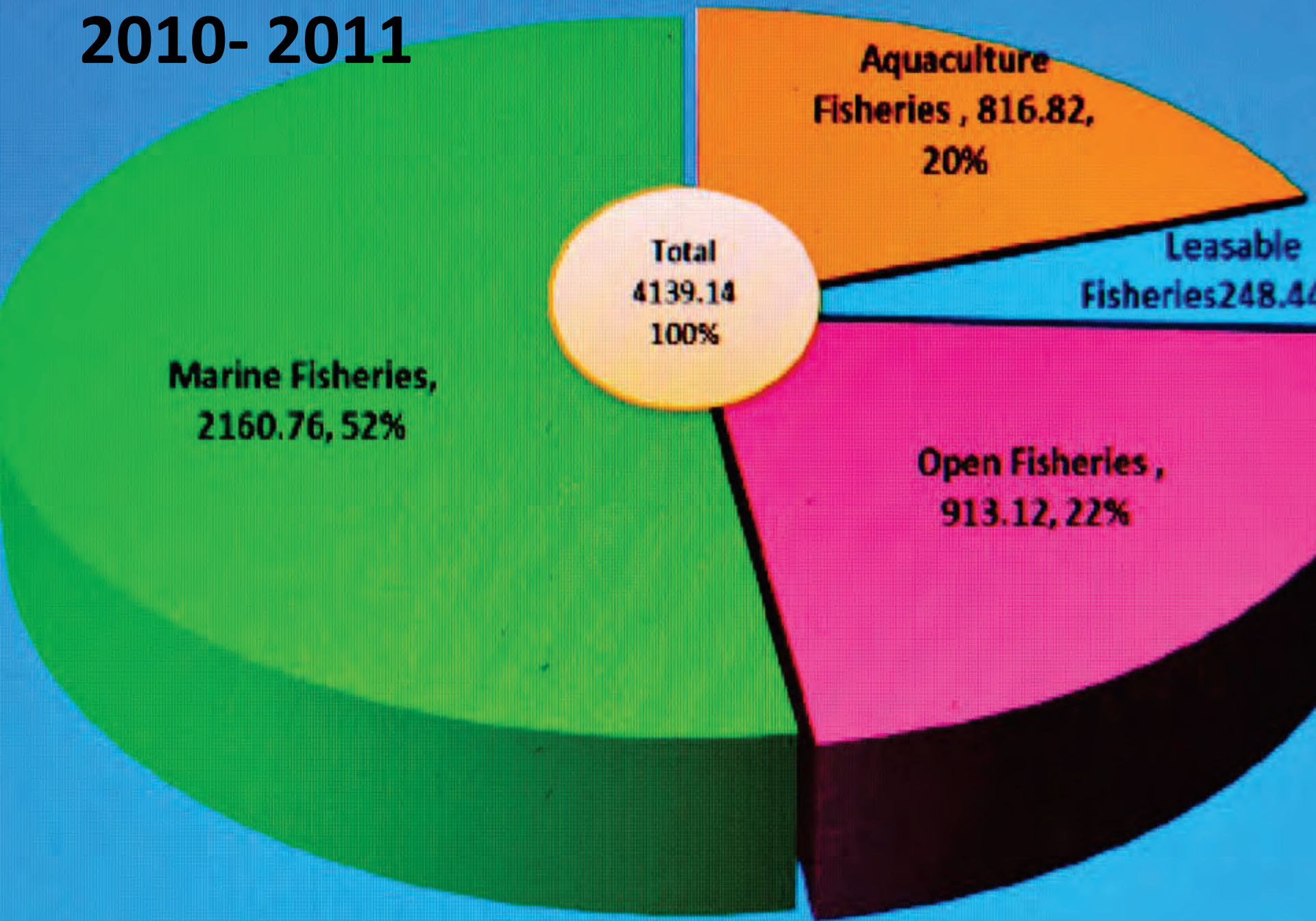
Species used for farming



Freshwater fish species used for farming



2010- 2011



TOTAL AQUACULTURE PONDS AND PRODUCTION

No.	Year	Area of Aquaculture Ponds (Acre)	Production of Aquaculture Ponds (Thousand Metric Ton)
1	2001-2002	210517	190.12
2	2002-2003	324073	252.01
3	2003-2004	360357	400.36
4	2004-2005	389806	485.22
5	2005-2006	405855	574.99
6	2006-2007	436825	616.35
7	2007-2008	441098	687.67
8	2008-2009	440585	775.25
9	2009-2010	442702	858.76
10	2010-2011(Prov:)	443695	816.12

Culture based Capture Fisheries



Capture based Culture Fisheries



AQUACULTURE TYPES

(In Common Water) Rivers, Lakes and Bays

Cage --- Cat- fishes, Sturgeons, Tilapia, Carps,
Groupers, Sea bass, Pearl oyster

Line ---- Sea weeds, Mussel

Pen ---- Coockle, Hard clam

(Adjacent to Common Water)

Pond ---Carps,Tilapia,Prawn,Shrimp,Seabass,Crab,Cat
fishes, local spp.

River







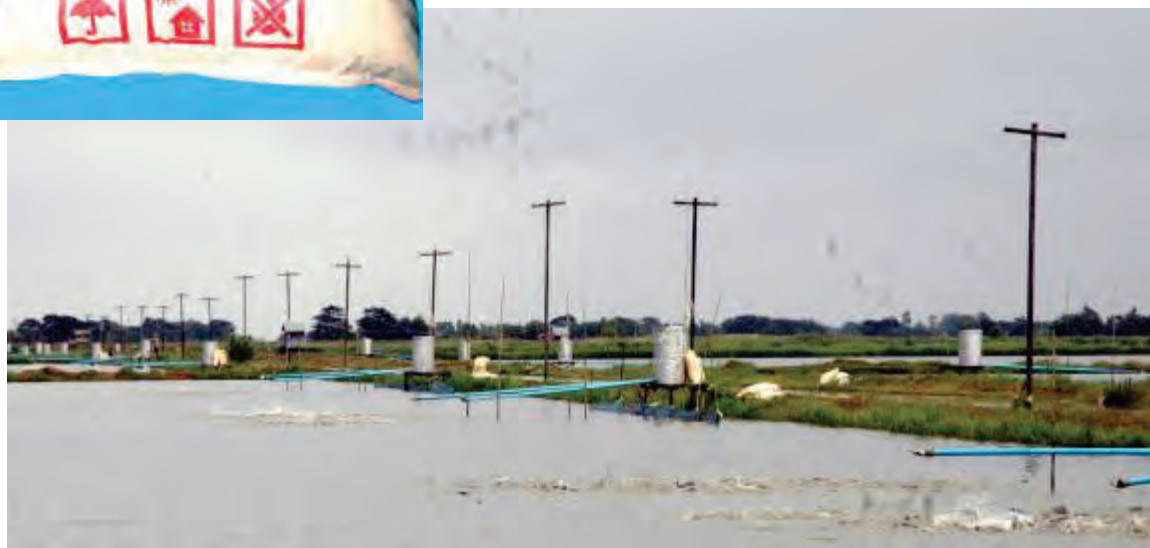
BAY



Adjacent water bodies







Potential vs. **Challenges**

Issues & Problems

Potentials for Inland Fishery Resources

Natural Water (Rivers, rivulet, main stream, lakes etc)

20.50 million acre

8.2 million hectare

Flooded Area

15.00 million acre

6 million hectare

Dam/Reservoir

4.50 million acre

1.8 million hectare

Paddy Fields Area

13.38 million acre

5.35 million hectare

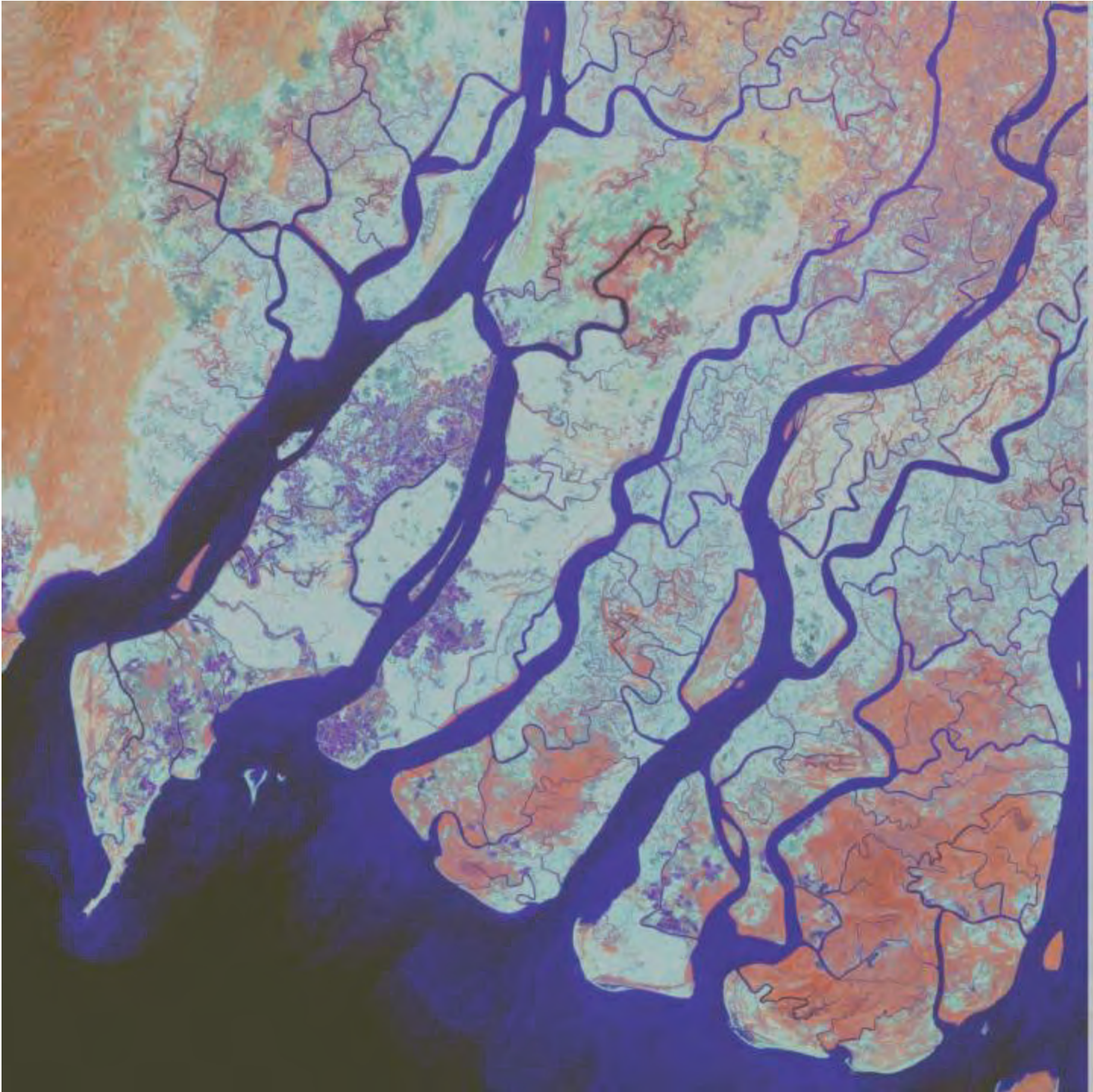
TOTAL

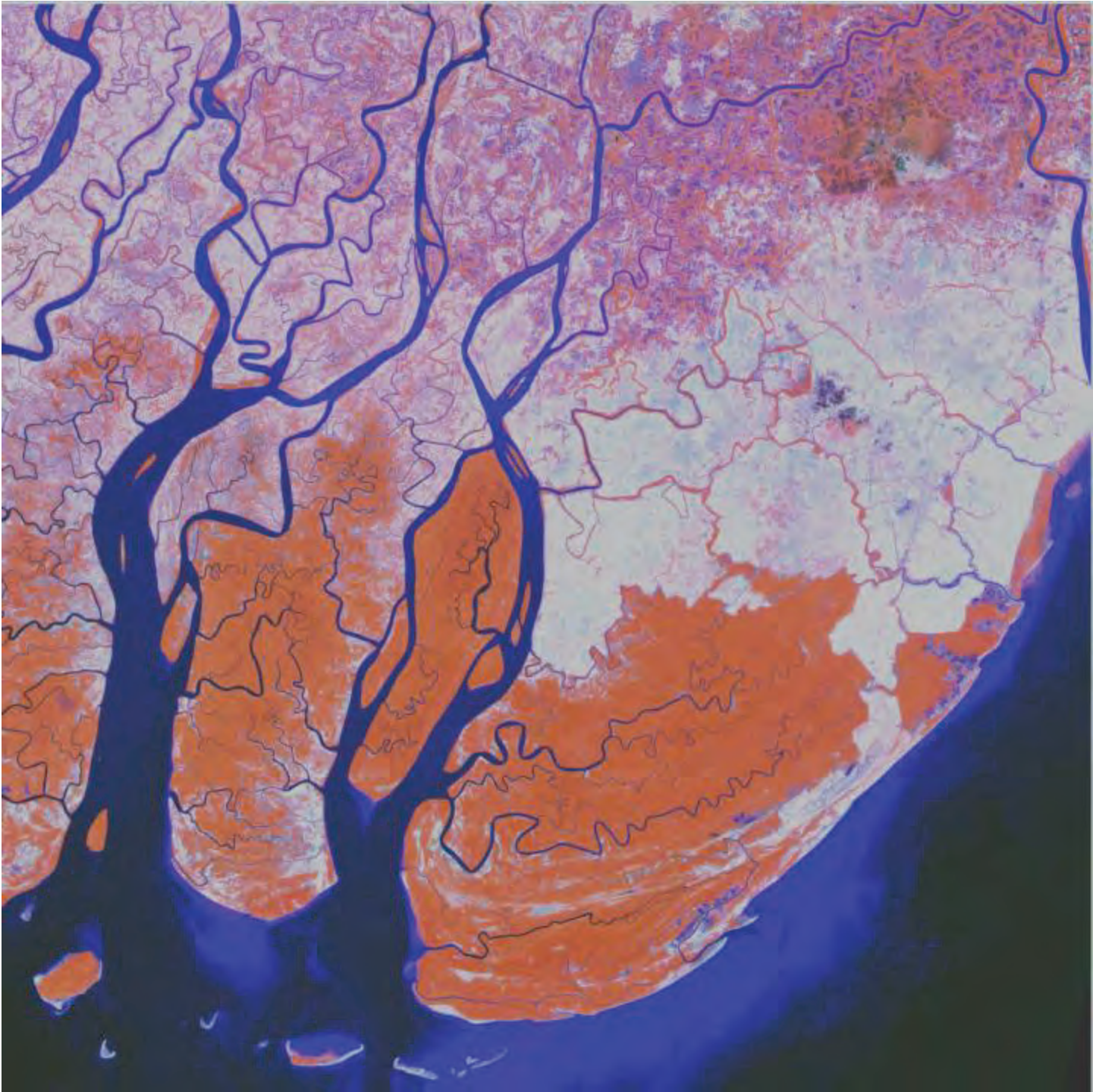
53.38 million acre

21.35 million hectare











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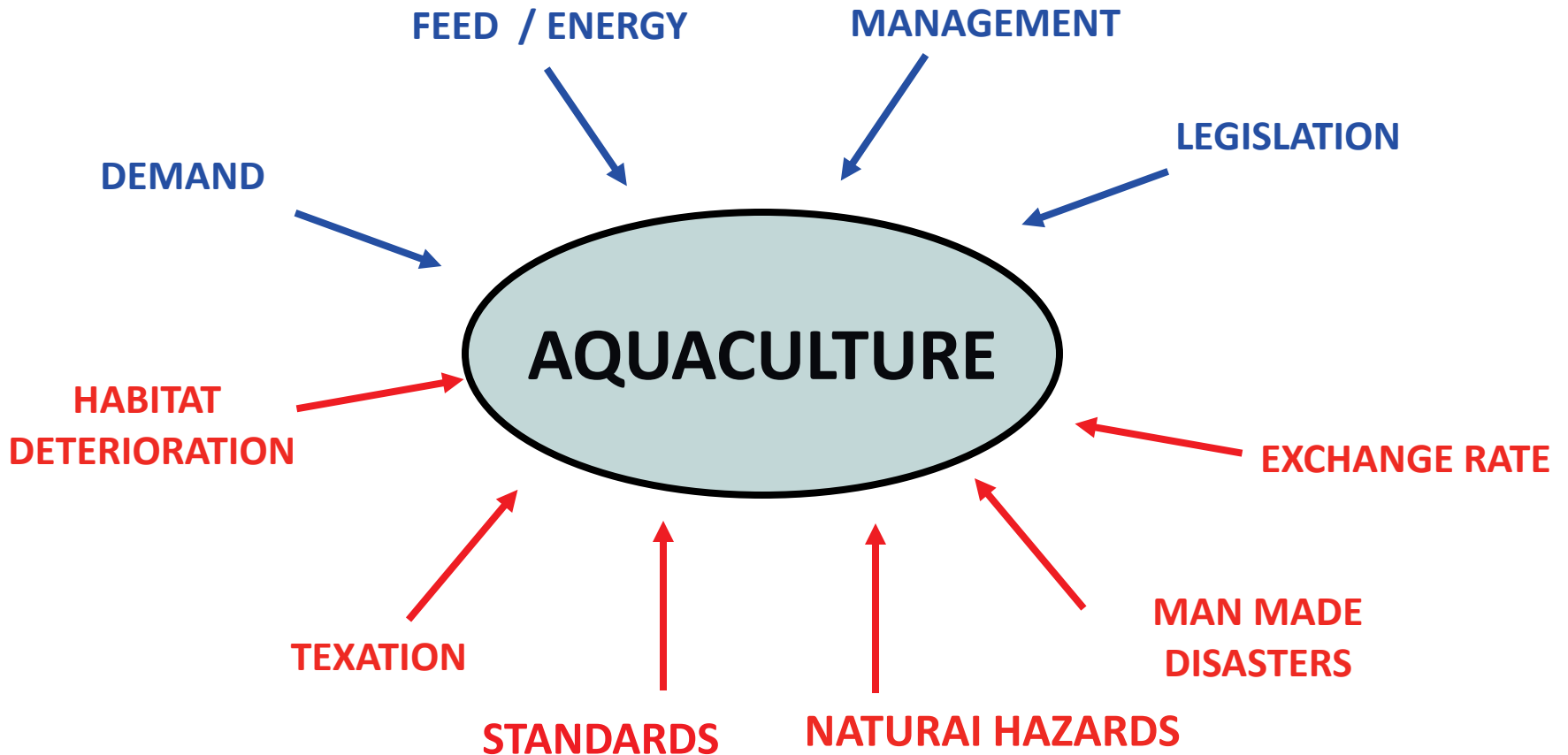
Pointer 21°53'35.71" N 96°03'29.18" E elev 219 ft

Streaming ||||| 100%

Eye alt 14699 ft



CHALLENGES



A silver mermaid statue is positioned on the left side of the image, perched atop a tall, cylindrical stone pillar. The mermaid is depicted in profile, facing right, with long, flowing hair and a detailed tail. The background features a bright blue sky and a turbulent sea with white-capped waves crashing against the base of the pillar. The overall scene conveys a sense of coastal grandeur and maritime tradition.

THANKS

MYANMAR FISHERIES FEDERATION

Hla Win
MFF