




SEAFDEC/UNEP/GEF Fisheries Refugia Project-Thailand

**Establishment and Operation of a Regional
System of Fisheries Refugia in the South China
Sea and Gulf of Thailand.**

November 3, 2016

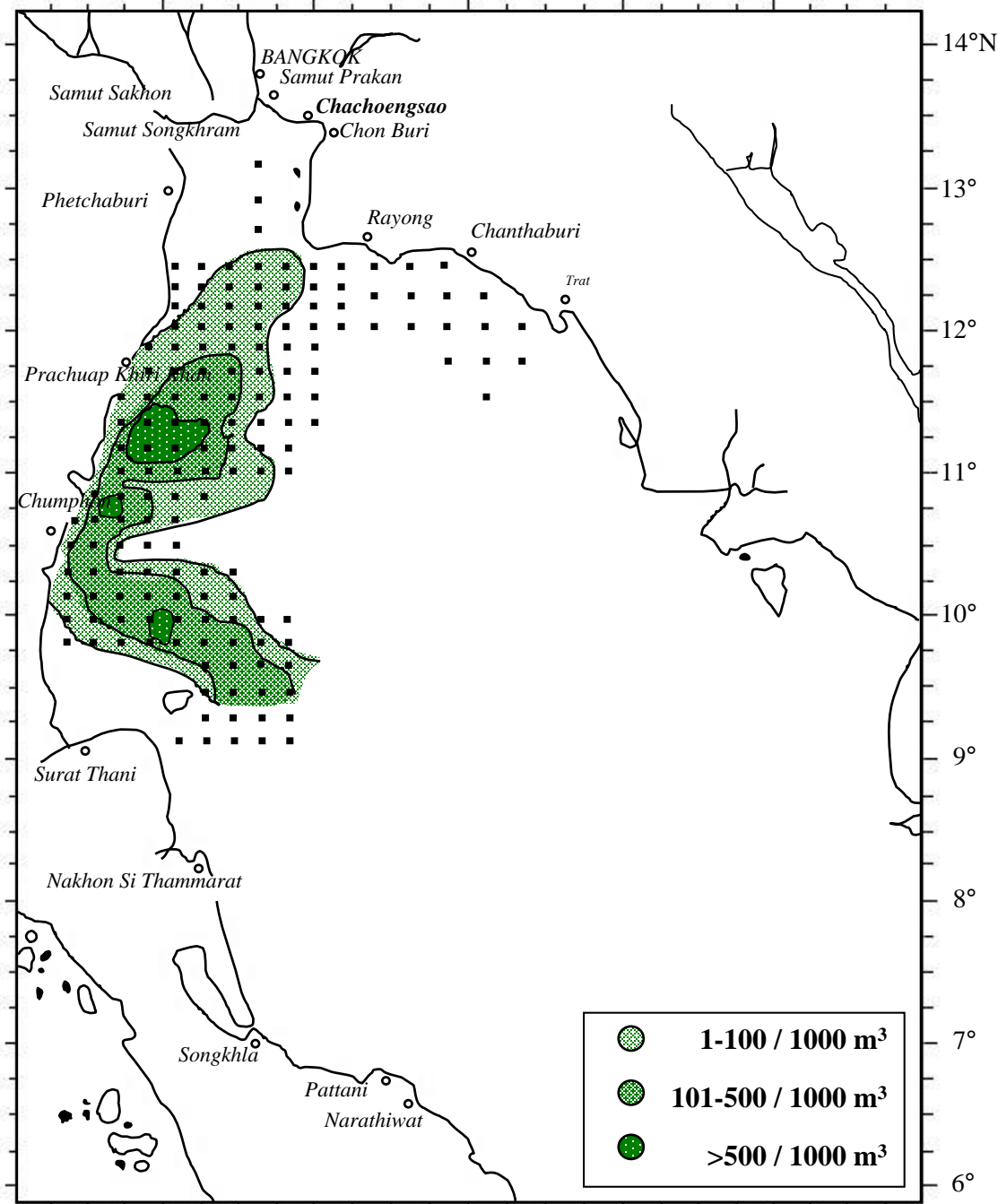
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- This presentation is considered by
Thailand National Project Coordinator
Mrs. Praulai Nootmorn , Senior Expert on Marine
Fisheries
 - The 2 project sites will be reviewed by Thailand's
National Fisheries Committee
 - Activities of this project will be submit to the Department
of Fisheries - Thailand for consideration and ask for
permission before be implemented

Process of identifying priority fisheries refugia in Thailand

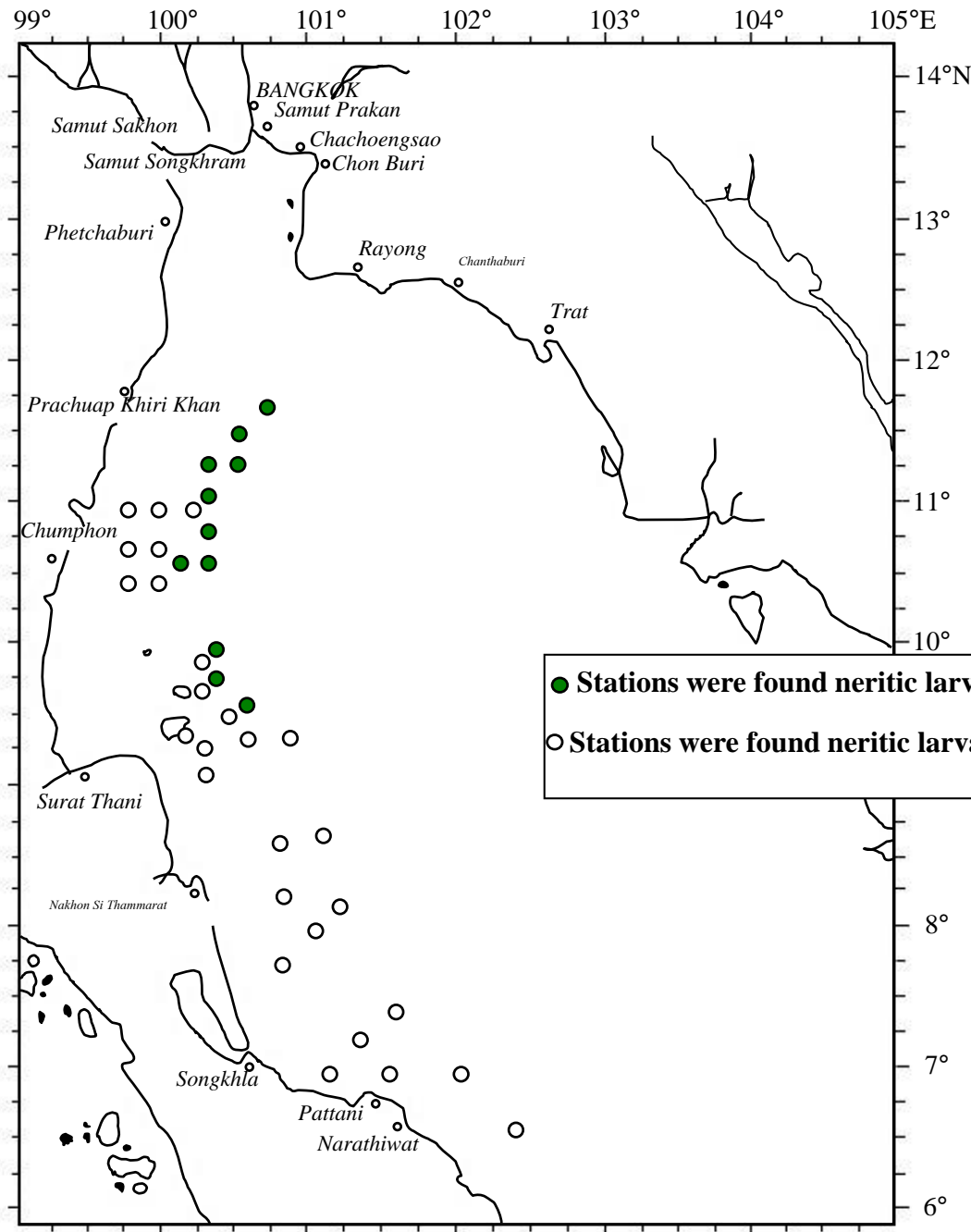
Initiated via a RWG-F review of the sites in relation to

- ▣ Information on the distribution and abundance of fish eggs and larvae
- ▣ Outcomes of country consultations on the identification of fisheries refugia which were conducted in Chumphon, Trat, and Surat Thani Provinces of Thailand involving participation by representatives from
 - Local government units
 - Law enforcement officers
 - Fisherfolk organisations
 - National fishery committee members

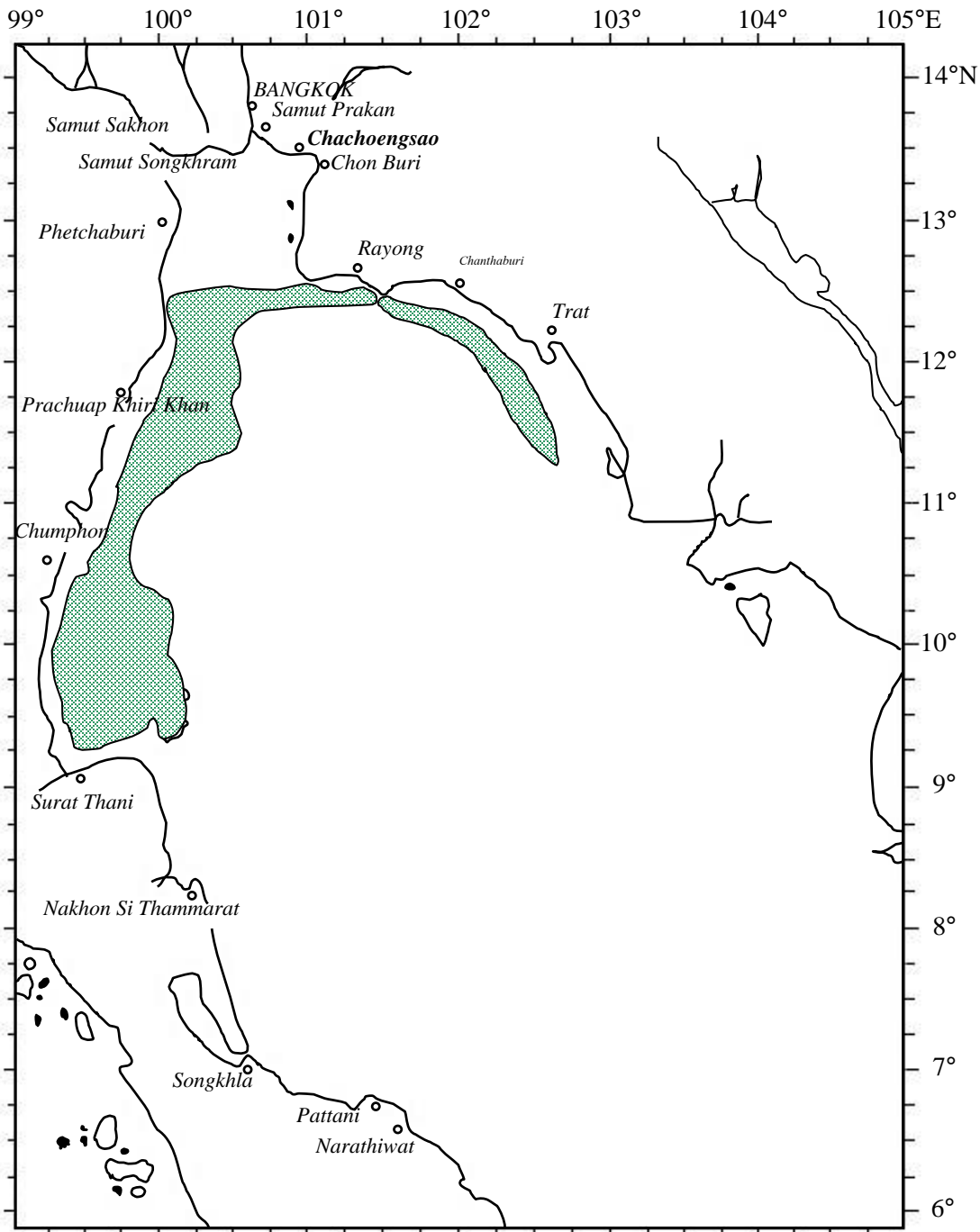
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The abundance of Indo-Pacific mackerel larvae (*R. brachysoma*) conducted since 1963



The stations where the eggs and larvae of neritic tunas had been observed during surveys conducted in 1975, 1983 and 1987

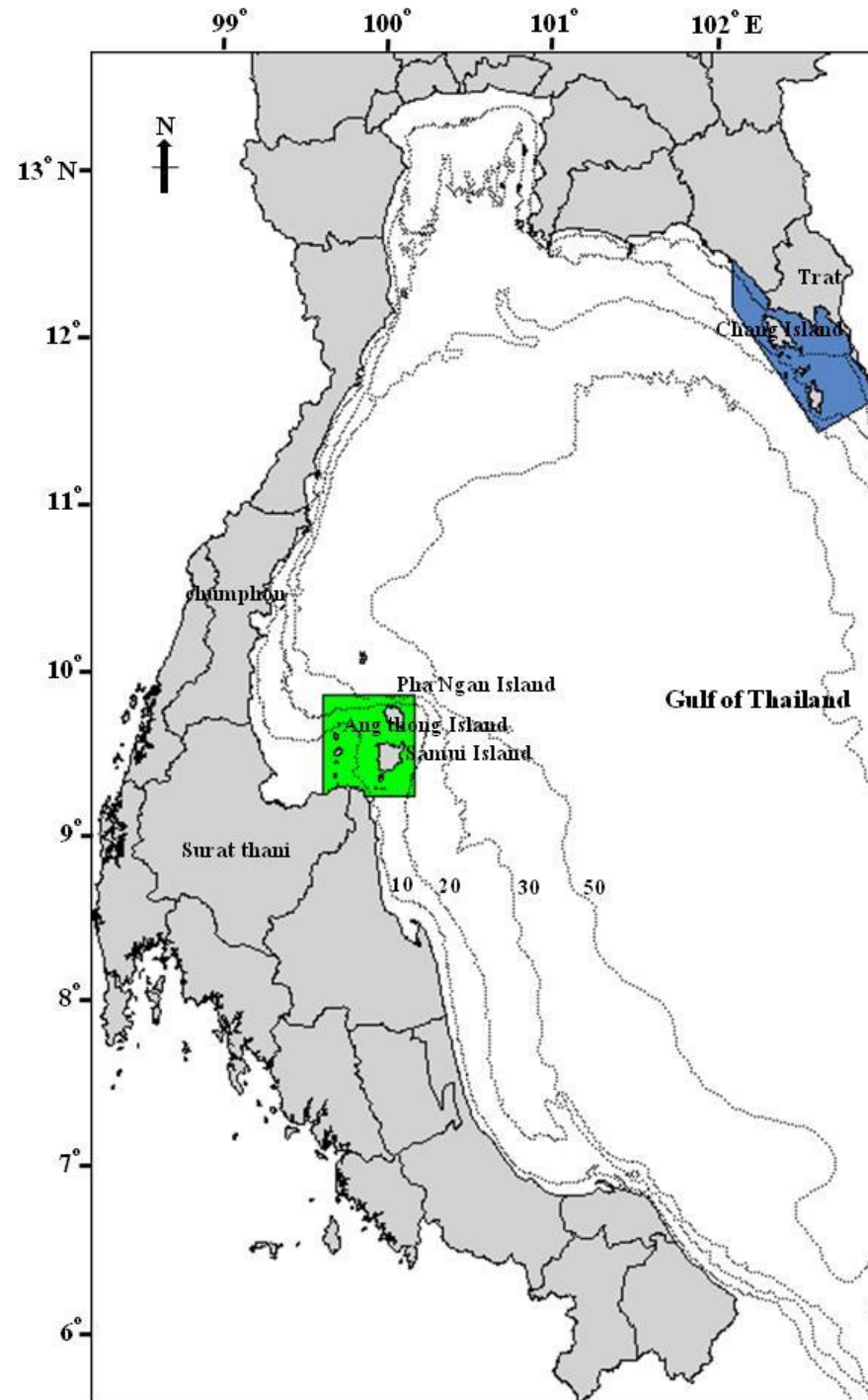


The spawning grounds for anchovies in the Gulf of Thailand


Two sites were selected and identified for the establishment and management of fisheries refugia in Thailand

1. Chang Strait
(Trat province)

2. Mu Koh Samui,
(Surat Thani province)



Key threats to fisheries refugia in Thailand

- ~~The twin problems of over-capacity and over-exploitation~~
(Transform open-access  limited-access fishery based on balancing between fishing effort and productivity of resources)
- Use of destructive and/or unsustainable fishing gear and practices
- Pollution from fish processing facilities and small fishing vessel
- Habitat destruction and pollution due to fish and shrimp farming
- Illegal fishing
(Reduced due to implementation of the FMP)

National Refugia Committee

No.	Organisation	Position
1	Department of Fisheries	Director General/Deputy Director General (Chairman)
		Director of Marine Fisheries Research and Development Division (Secretary)
		Senior Expert on Fisheries Management
		Senior Expert on Marine Fisheries ,NFP (Assist. Secretary)
		Director of EMDEC
		Director of CMDEC
2	Department of Marine Coastal Resources and Environment	Director of Research Institute
		Coastal Resources Senior Expert(s)
3	Fisheries Provincial Offices	Head of Trat Provincial Office
		Head of Chumpon Provincial Office
		Head of Surat Thani Provincial Office

National Scientific and Technical Committee

No.	Organisation	Position
1	Department of Fisheries	Director of Marine Fisheries Research and Development Division (Chairman)
		Senior Expert on Marine Fisheries , NFP (Secretary)
		Director of EMDEC
		Director of the CMDEC
		Technical officer(s) of EMDEC (Assist. Secretary1)
		Technical officer(s) of the CMDEC (Assist. Secretary2)
2	Department of Marine Coastal Resources and Environment	Director of Eastern Marine Coastal Resources and Environment Research Center
		Director of the Middle Gulf Marine Coastal Resources and Environment Research Center
3	Academics/ Universities - Burapha U -Maejo U. (Local Campus)	Researcher Researcher
4	Geo-Informatics and Space Technology Development Agency (GISTDA)	Researcher(s)

Chang Strait Management Board

No.	Organization	Position
1	Trat Fisheries Provincial Office	Head of Fisheries Provincial office (Chairman)
		Fisheries Management officer (Secretary)
		District Fisheries officer
2	Eastern Marine Fisheries Research and Development Center	Technical Officer
3	Eastern Marine Coastal Resources and Environment Research Center	Technical officer
4	Local Administrative Organizations	Chairman of LAO # 1
		Chairman of LAO # 2
		Chairman of LAO # 3
5	Fisher groups/Associations	Head of fisher group # 1
		Head of fisher group # 2
		Head of fisher group # 3
6	NGOs (Fisheries Resources conservation) in the area	Representative / members
7	Tourism Organization	Representative
8	Fisheries Patrol Unit	Head of FPU

Mu Koh Samui Management Board

No.	Organization	Position
1	Surat Thani Fisheries Provincial Office	Head of Fisheries Provincial office (Chairman)
		Fisheries Management officer (Secretary)
		District Fisheries officer
2	Chumphon Marine Fisheries Research and Development Center	Technical Officer
3	Middle Gulf Marine Coastal Resources and Environment Research Center	Technical officer
4	Local Administrative Organizations	Chairman of LAO # 1
		Chairman of LAO # 2
		Chairman of LAO # 3
5	Fisher groups/Associations	Head of fisher group # 1
		Head of fisher group # 2
		Head of fisher group # 3
6	NGOs (Fisheries Resources conservation) in the area	Representative / members
7	Tourism Organization	Representative
8	Fisheries Patrol Unit	Head of FPU