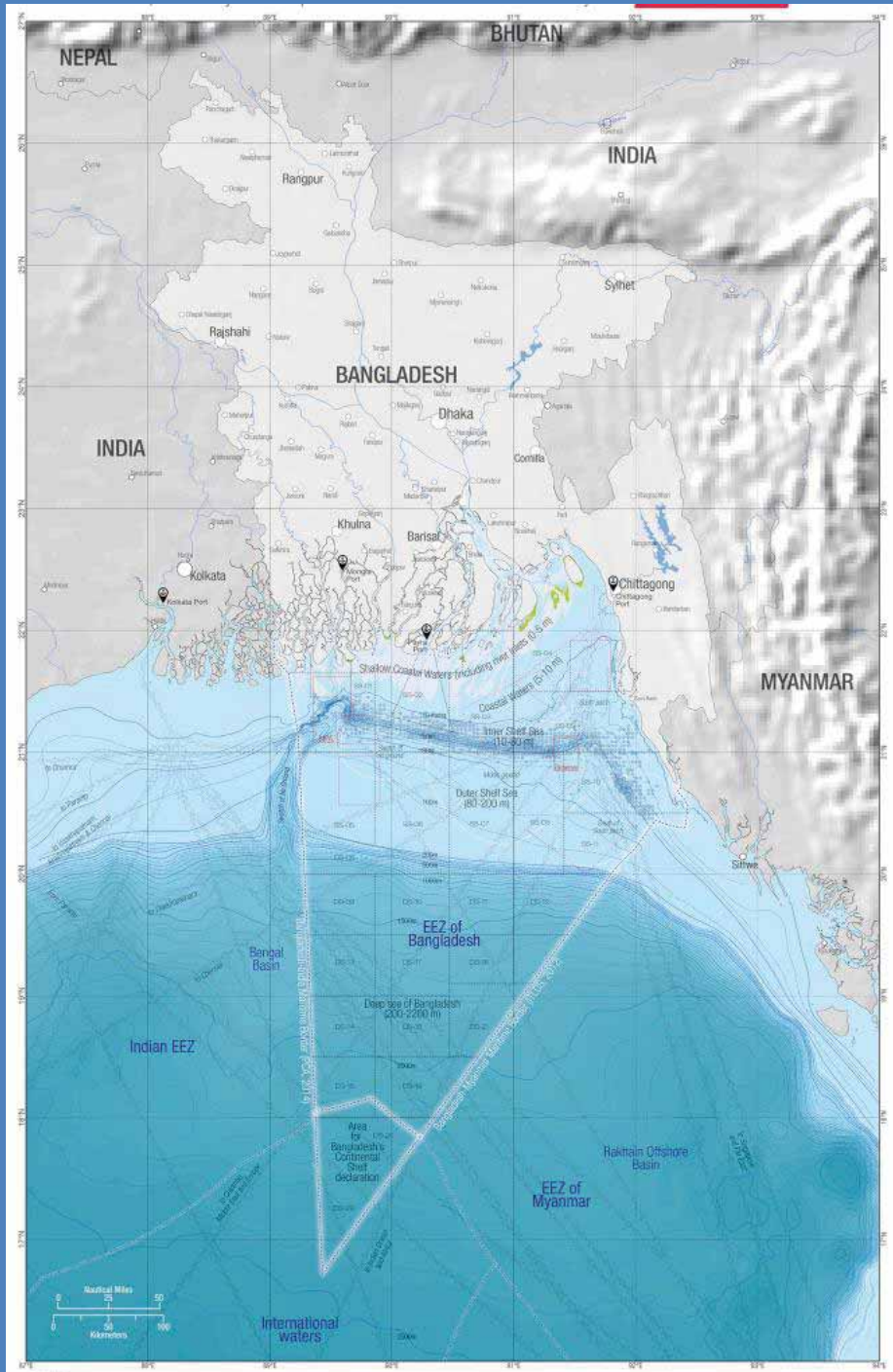


The coastal and marine fishermen: The key stakeholders in blue economic development of Bangladesh



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Professor
FMRT Discipline
Khulna University

Coastal and marine resources of Bangladesh



- Marine water area: 284,813 km²
- Maritime area: 9,060 km²
- EEZ: 118,813 km²
- Continental shelf: 24,800 nm²
- A coastal belt: 710 km long
- Rivers and estuaries: 8,538.63 km²
- Sundarbans water area: 1,777 km²
- Shrimp & crab farm area: 2,755.1 km²

(Sources: DoF, 2017; Chowdhury, 2014)

Coastal and marine fisheries of Bangladesh

Standing stock (tons) of marine fisheries of Bangladesh

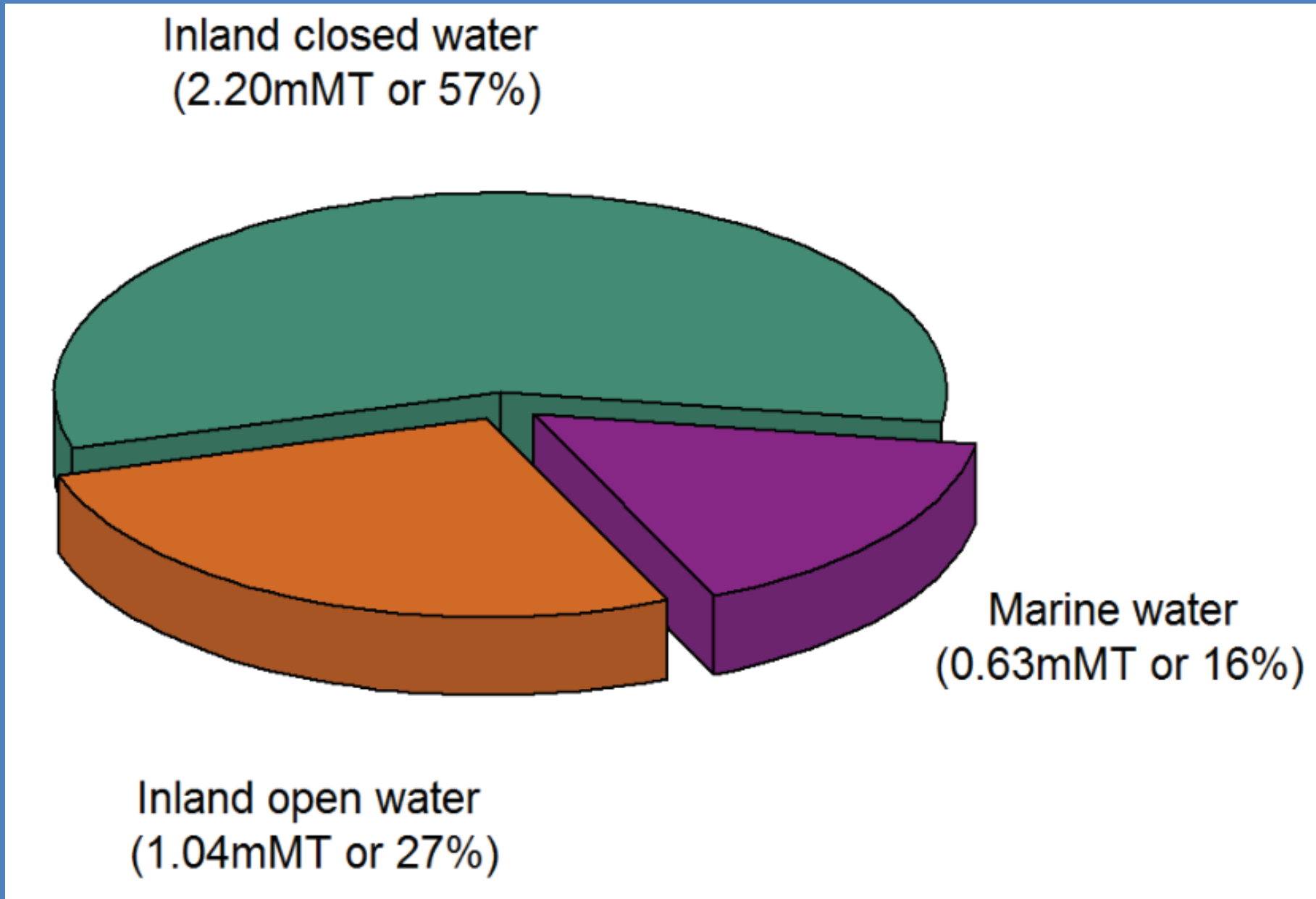
Demersal fish	Pelagic fish	Shrimp	Reference
264,000–373,000	-	9,000	West (1973)
160,000	90,000–160,000	-	Saetre (1981)
200,000–250,000	160,000–200,000	4,000-6,000	Penn (1983)
Ongoing	Ongoing	Ongoing	DoF-FAO (2016-17)

(Sources: Hossain et al., 2017)

Coastal and marine fisheries of Bangladesh

Category	Species no. (reviewed by)	
	Hossain (2001)	Ahmed et al. (2008)
Bony fish	475	442
Cartilaginous fish	50	-
Shrimp	25	56
Crab	15	16
Lobster	5	3
Mollusk	301	336
Algae/seaweeds	56	168
Coral	13	66
Starfish/echinoderms	3	4
Whale/dolphin	11	-
Squids (cuttlefish)	7 (2)	-

Coastal and marine fish production



Sector-wise fish production in Bangladesh during 2015-16 (Source: DoF, 2017)

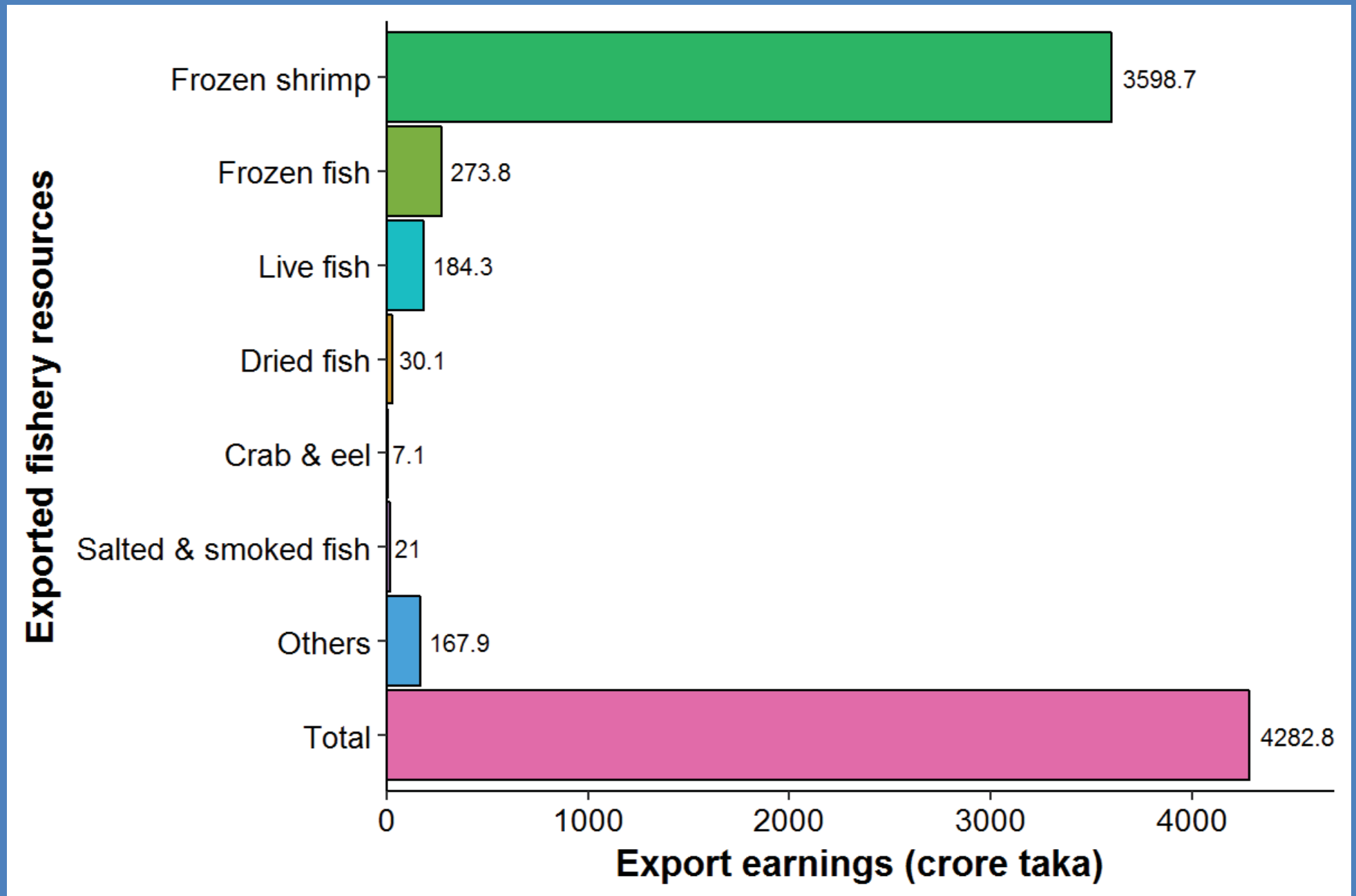
Coastal and marine fish production

Marine fish production from different sources during 2015-16

Sector/source	Production (MT)
Trawling	105,348
Artisanal	521,180
Rivers & estuaries	178,458
The Sundarbans	16,870
Hilsa	394,951
Shrimp	239,798
Crab	13,160

(Sources: DoF, 2017)

Coastal and marine fish export earnings



Earnings from exported fishery products during 2015-16 (Source: DoF, 2017)

Coastal and marine fish catching services

Marine fish catching units during 2015-16

Sector/source	Unit (piece)
Commercial trawlers	247
Total boat no.	67,669
- <i>Mechanized boats</i>	<i>32,859</i>
- <i>Traditional boats</i>	<i>34,810</i>
Nets and others	183,777

(Sources: DoF, 2017)

Coastal and marine fishermen

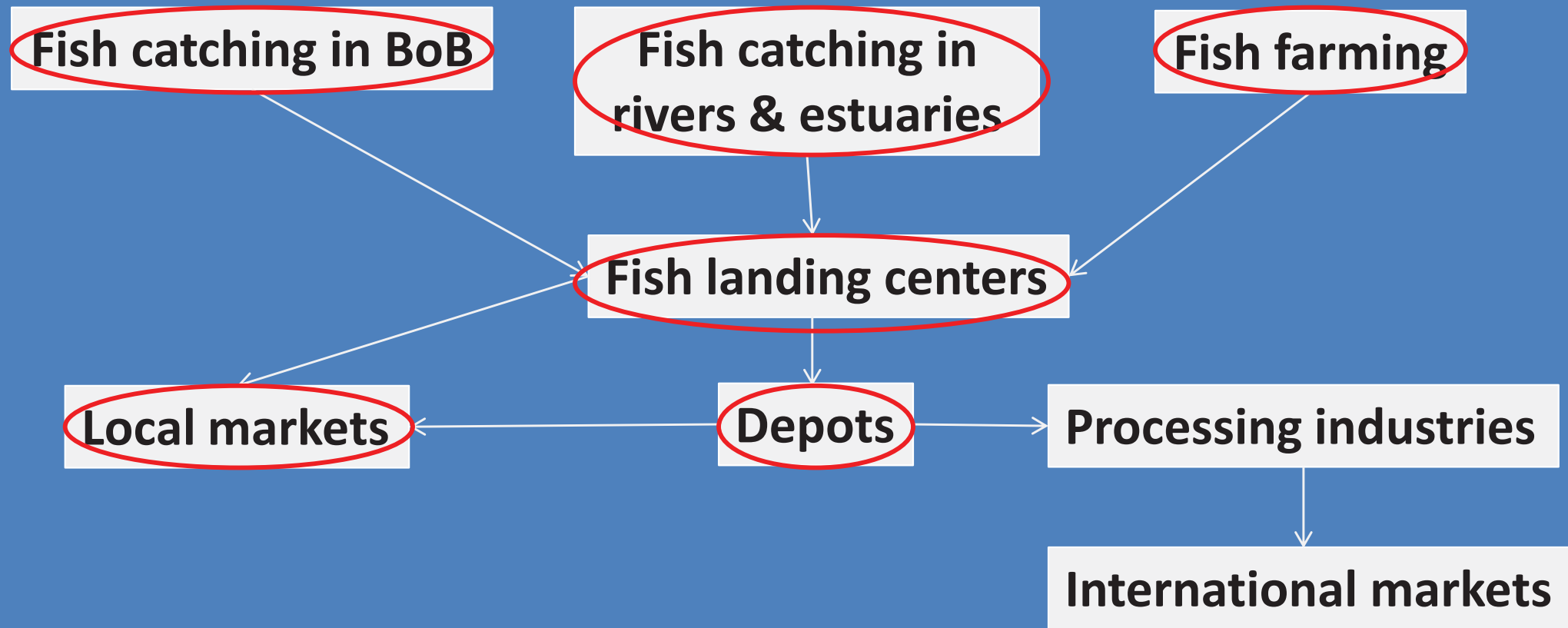
Number of coastal and marine fishermen

Fishermen type	Number (lakh)
Total (freshwater & marine)	13.16
- <i>Inland fishermen</i>	<i>8.00</i>
- <i>Marine fishermen</i>	<i>5.16</i>
Total fish farmers	146.97
- <i>Finfish farmers</i>	<i>138.64</i>
- <i>Shrimp farmers</i>	<i>8.33</i>

Around 15 lakh females are working in fisheries sector

(Sources: DoF, 2017)

Coastal and marine fishermen



Fishermen are the key stakeholders in blue economy

Major problems and recommendations for fishermen

- Low financial, social and educational status



Major problems and recommendations for fishermen

- Natural disasters and human-induced problems



Major problems and recommendations for fishermen

- Lack of fish marketing, storage and transportation facilities



Major problems and recommendations for fishermen

- Ban fishing and establish sanctuaries



NATURE | Vol 463 | 25 February 2010 NEWS



'JUNK' DNA HOLDS CLUES TO HEART DISEASE
Deleting non-coding region narrows arteries in mice.
go.nature.com/g89ldj

P. LEC/KO/ISTOCKPHOTO

Reserves 'win-win' for fish and fishermen

Major problems and recommendations for fishermen

- Lack of alternative income sources



Major problems and recommendations for fishermen

- Fishing assets are costly and owned mostly by non-fishermen



Major problems and recommendations for fishermen

- Unlicensed and illegal fishing by domestic vessels and intrusion of foreign vessels



খসড়া সামুদ্রিক মৎস্য আইন ২০১৬-এর সংশোধন চাই
বাংলাদেশের জলসীমায় বিদেশী মাছ ধরার নৌকা
অর্থনীতি ও সার্বভৌমত্বের জন্য আত্মঘাতী



COAST The Coastal Association for Social Transformation Trust

মাননীয় প্রধানমন্ত্রীর নেতৃত্বে বাংলাদেশের সমুদ্র সীমায় অপার অর্থনৈতিক



Major problems and recommendations for fishermen

- No insurance coverage for life and fishing equipments



By Adjusted:

Bangladeshi Banks:

- Sewak Bank Ltd.
- Janata Bank Ltd.
- Agrani Bank Ltd.
- Rupali Bank Ltd.
- Bangladesh Development Bank
- Bangladesh Krishi Bank &
- Bangladesh ShilpaRatSangstha
- Arab Bangladesh Bank Ltd.
- Al-Arafahilami Bank Bangladesh Ltd.
- Bangladesh Commerce Bank Ltd.
- BASIC Bank Ltd.
- BBAN Bank Ltd.
- Bank Asia Ltd.
- Dutch Bangla Bank Ltd.
- Dhaka Bank Ltd.
- Ewath Bank Ltd.
- Inami Bank Ltd.
- ITC Bank Ltd.
- ICH Islami Bank Ltd.
- Jijiga Bank Bangladesh
- Mercantile Bank Ltd.
- Mercantile Bank Ltd.
- National Bank Ltd.
- National Credit & Commerce Bank
- One Bank Ltd.
- Prime Bank Ltd.
- Pubali Bank Ltd.
- Premier Bank Ltd.
- Rajshahi Krishi Unnayan Bank
- Social Islami Bank Ltd.
- South East Bank Ltd.

Foreign Bank:

- Commercial Bank of Ceylon
- Citibank N.A.
- Hong Kong & Shanghai Banking Corporation Ltd.
- Standard Chartered Bank
- Habib Bank Ltd.
- National Bank of Pakistan
- State Bank of India



PIONEER INSURANCE
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Major problems and recommendations for fishermen

- No sufficient training facilities



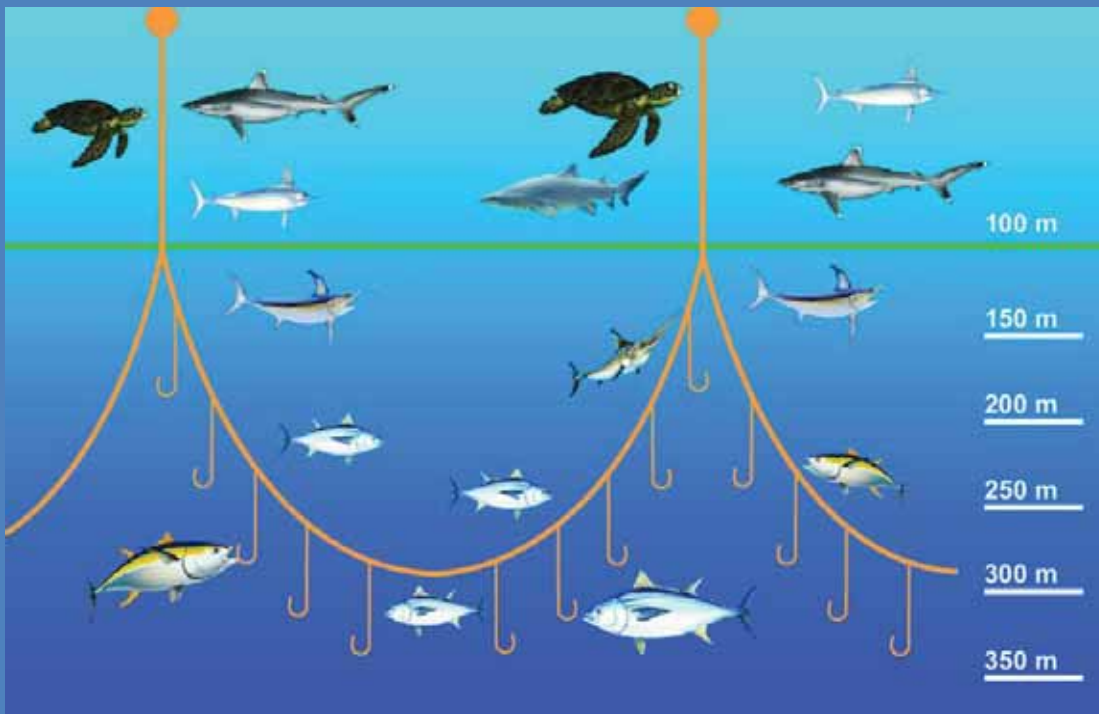
Major problems and recommendations for fishermen

- Weak and limited number of fishermen groups/cooperatives



Major problems and recommendations for fishermen

- Exploitation of deep sea resource is beyond the capacity of most of the small-scale fishermen



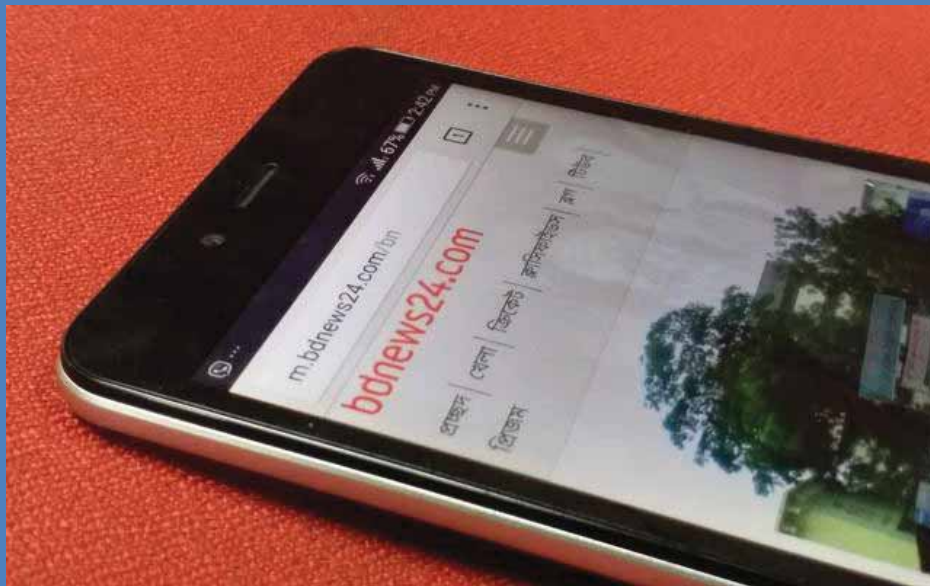
Major problems and recommendations for fishermen

- The deep sea robbery



Major problems and recommendations for fishermen

- Weak communication facilities



Original Article

Banking the poor: The role of mobiles

Received (in revised form): 15th November 2010

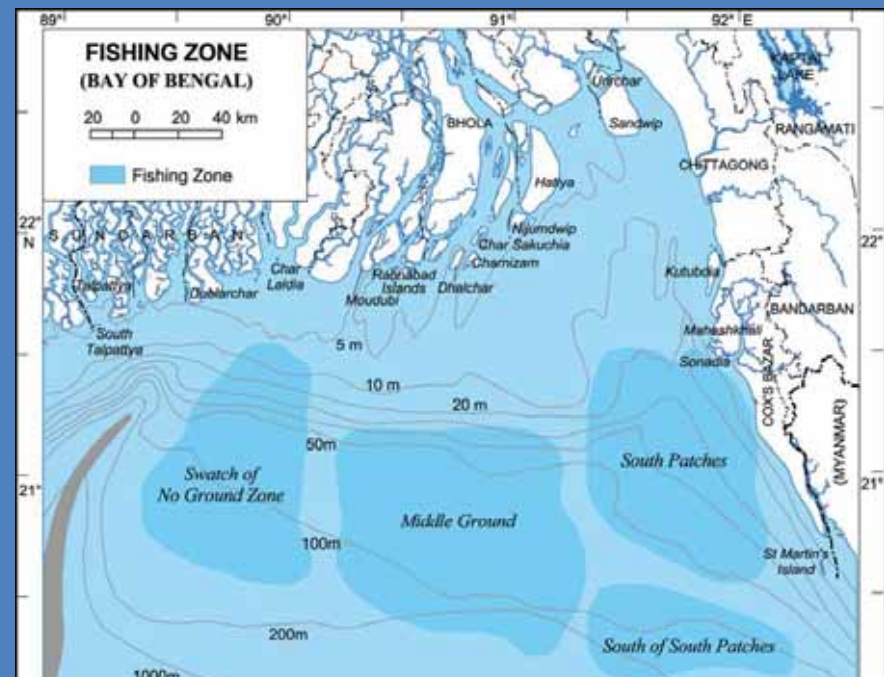
Robert E. Hinson

Major problems and recommendations for fishermen

- No authentic records about fishermen no. and also crafts & gears



- Limited number of identified fishing grounds



**Thank
you...**