

Characteristics of Marine Recreational Fishery Focusing on Spearfishing in Turkey



GENERAL FISHERIES COMMISSION FOR THE
MEDITERRANEAN

COMMISSION GÉNÉRALE DES PÊCHES POUR
LA MÉDITERRANÉE



Transversal workshop on the monitoring recreational fisheries in the
GFCM area

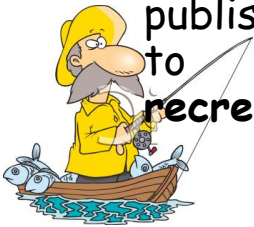
Palma de Majorca, Spain, 20-22 October 2010

Vahdet ÜNAL & Aytaç ÖZGÜL

Ege University, Faculty of Fisheries, Bornova, Izmir, Turkey

Regulation of marine recreational fishery

- The Ministry of Agriculture and Rural Affairs (MARA) is the main state organization responsible for both commercial and **recreational fishery (RF)** management.
- According to the Law (1380), MARA publishes **fishing notification** in order to regulate commercial and **recreational fishery**.



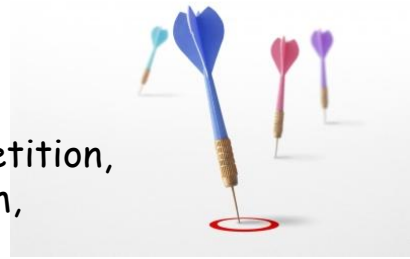
RF Circular

- The Circular covers detailed rules and definition on RF regulation for the time period of 31/08/2008-01/09/2012.

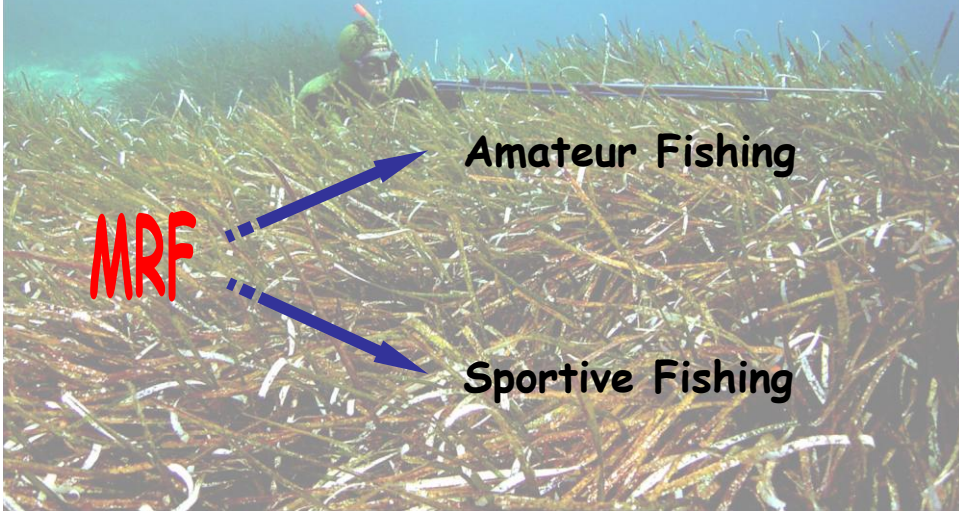


Objectives and definitions

Amateur fishing,
Amateur fisher,
Amateur fishing competition,
Amateur fishing tourism,
Sportive fishing,
Sportive fishing competition,
Size limit,
Number and quantity limit,
Closed season,
Fishing gears and methods
Recreational underwater fisher



Amateur Fisheries: Fishing activity which is performed only for sports or fun and not conducted for commercial purposes.



	T.C. TARIM VE KÖYLERİ BAKANLIĞI AMATÖR BALIKÇI BELGESİ	
	Adı Soyadı	
	TC Kimlik No	
	Doğum Yeri	
	Doğum Tarihi	
Dalış Belgesi		
Son Geçerlik Tarihi		

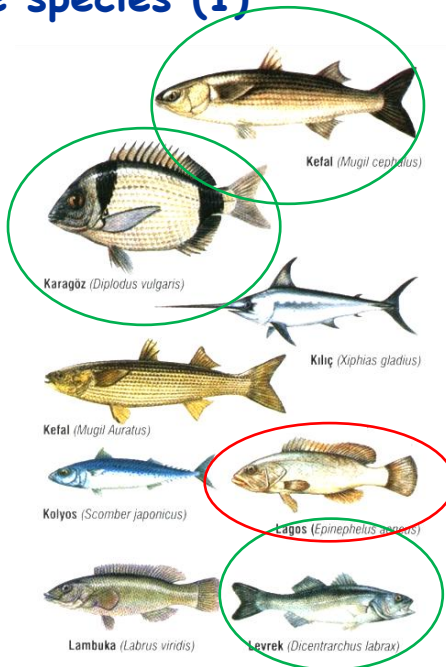
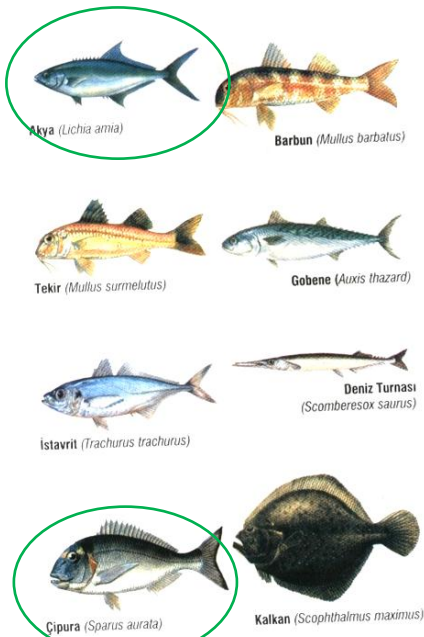
İLETİŞİM ADRESİ	
Verildiği Yer	Verildiği Tarih
ONAYLAYAN	
<small>Bu belge 1380 sayılı Su Ordusu Kararı ile buna ait Yönetmelik hükümleri gereğince verilmiştir. Vize edilerek süresi uzatılabilir. Belgede yer alan bilgilerde değişiklik olduğunda yenilenmesi zorunludur.</small>	



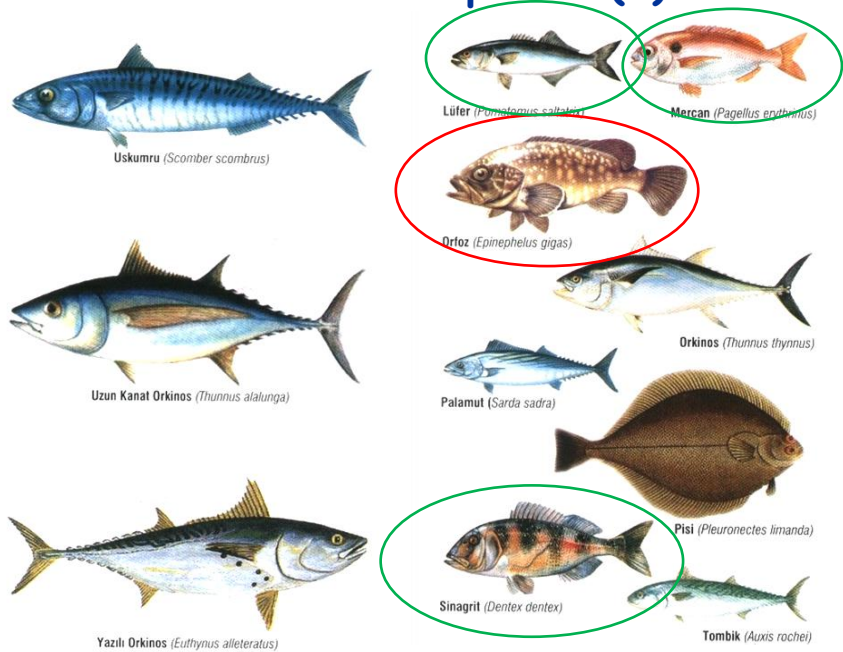


Underwater Sports Federation organizes spearfishing competitions.

MRF-Marine species (1)



MRF-Marine species (2)



Spearfishers with their catch



Marine Species	Size Limit cm (Minimum)	Catch Limit (Maximum)
<i>Lichia amia</i>	30	3
<i>Mullus sp.</i>	13	*
<i>Sparus aurata</i>	15	*
<i>Scomberesox saurus</i>	60	1
<i>Auxis thazard</i>	40	3
<i>Trachurus trachurus</i>	13	*
<i>Scophthalmus sp.</i>	40	2
<i>Diplodus vulgaris</i>	15	*
<i>Mugil sp.</i>	20	*
<i>Xiphias gladius</i>	130	1
<i>Scomber japonicus</i>	18	*
<i>Epinephelus aeneus</i>	30	3
<i>Labrus viridis</i>	40	3
<i>Dicentrarchus labrax</i>	18	*
<i>Pomatomus saltatrix</i>	14	*
<i>Pagellus erythrinus</i>	15	*
<i>Epinephelus marginatus</i>	40	3
<i>Thunnus thynnus</i>	90	1
<i>Sarda sarda</i>	25	*
<i>Pleuronectes limanda</i>	20	*
<i>Dentex dentex</i>	20	*
<i>Auxis rochei</i>	40	3
<i>Scomber scombrus</i>	20	*
<i>Thunnus alalunga</i>	60	1

* Daily bag limit-Skg

MRF-Species prohibited to catch (1)



Banyo Sünger
(*Spongia officinalis*)



Deniz Atı
(*Hippocampus hippocampus*)



Deniz Kamplumbağası
(*Caretta caretta*)



Yeşil Kamplumbağa
(*Chelonia mydas*)



Deniz Kulağı
(*Haliotis lamellosa*)



Fil Kulağı
(*Spongia agarcina*)



Maya
(*Maia squinado*)



Orfoz
(*Epinephelus gigas*)



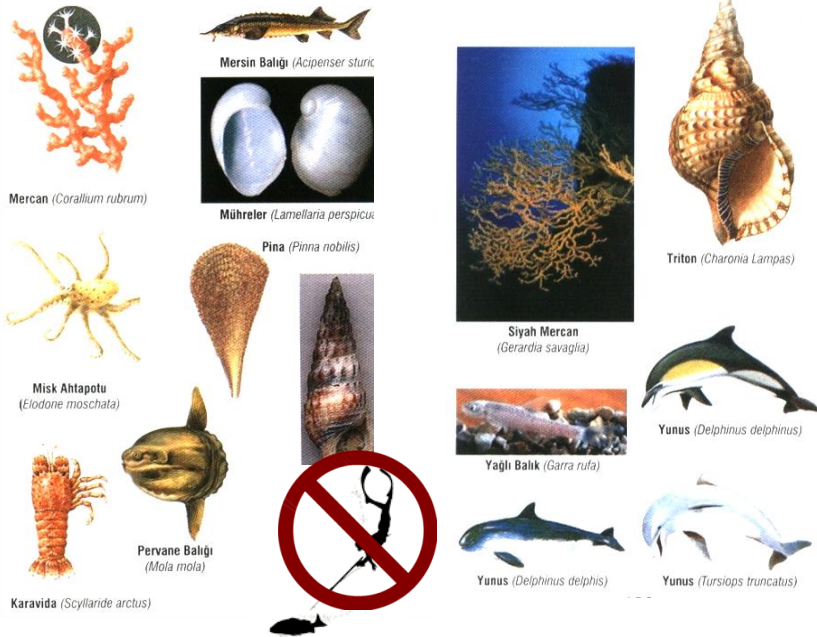
Fok
(*Monachus monachus*)



Güneşlenen Köpekbalığı
(*Cetorhinus maximus*)

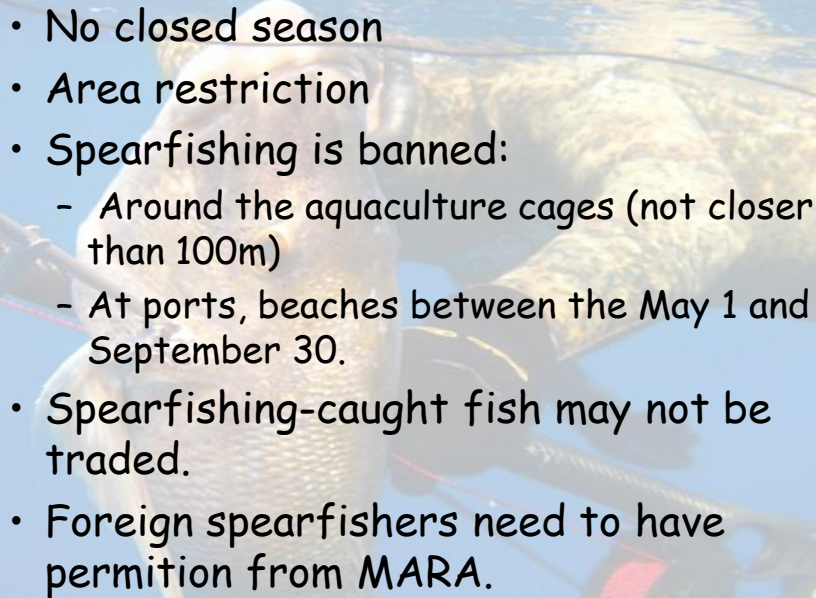


MRF-Species prohibited to catch (2)



Restrictions and bans for spearfishing

- Spearfishing (only during day time)
- It is prohibited to use light source and scuba equipment. However, it is permitted to use max 6 Volt light due to the safe diving.
- It is prohibited to catch any groupers by spear gun.

- 
- No closed season
 - Area restriction
 - Spearfishing is banned:
 - Around the aquaculture cages (not closer than 100m)
 - At ports, beaches between the May 1 and September 30.
 - Spearfishing-caught fish may not be traded.
 - Foreign spearfishers need to have permission from MARA.

Enforcement





- It is the responsibility of the spearfishers to ensure they fish within the law. Otherwise, penalties are applied such as:
 - to seize equipment and catch
 - fines between 115-350 Euros

Penalties can be enforced by:

- »Police
- »Coastguard
- »Gendarme
- »MARA

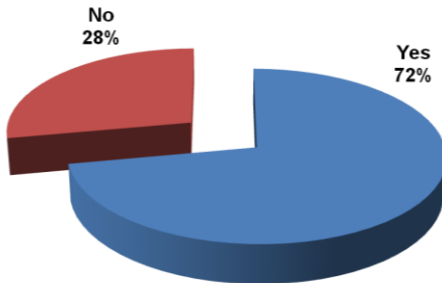
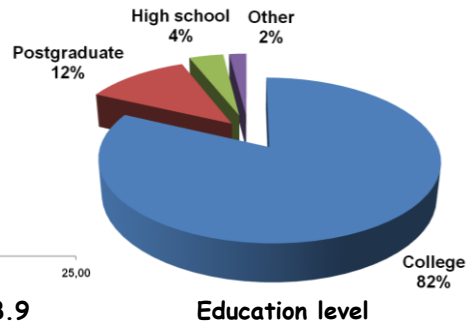
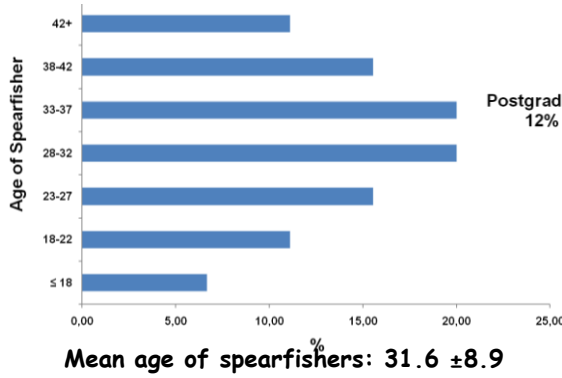
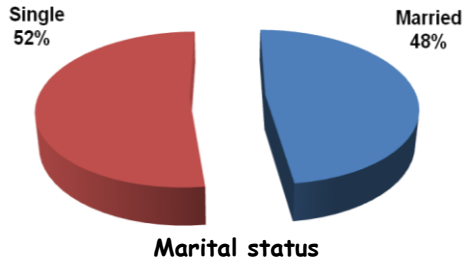


Characteristics on Spearfishing Societies in Turkey

Spearfishing Society	Founding Year	Number of members	Major activities	RF type	Target species
	2005	310	Lobbying Service Education and information service	Spearfishing from shoreline and boat	Mullet Labrax White Breams
	2008	50	Lobbying Service Education and information service	Spearfishing from shoreline and boat Angling	Mullet Labrax White Breams
	2009	28	Lobbying Service Education and information service	Spearfishing from shoreline and boat Angling	Labrax Sea Bream Common dentex
	2009	51	Lobbying Service Education and information service	Spearfishing from shoreline and boat	White Bream Labrax Amberjack

- Three of these societies find the current legal regulations insufficient. ☹
- Three of the societies have stated that groupers fishing should be free for spearfishing. ☹
- Spr. societies blame trawlers and purse seiners for the status of fish stocks and ecosystem. ☹

Who are spearfishers?



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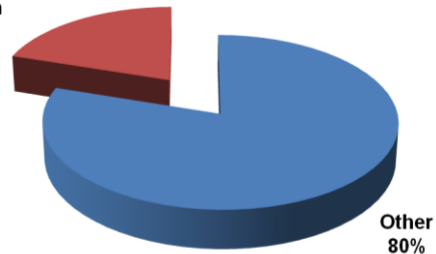
Dalış Belgesi: _____

Son Geçerlilik Tarihi: _____

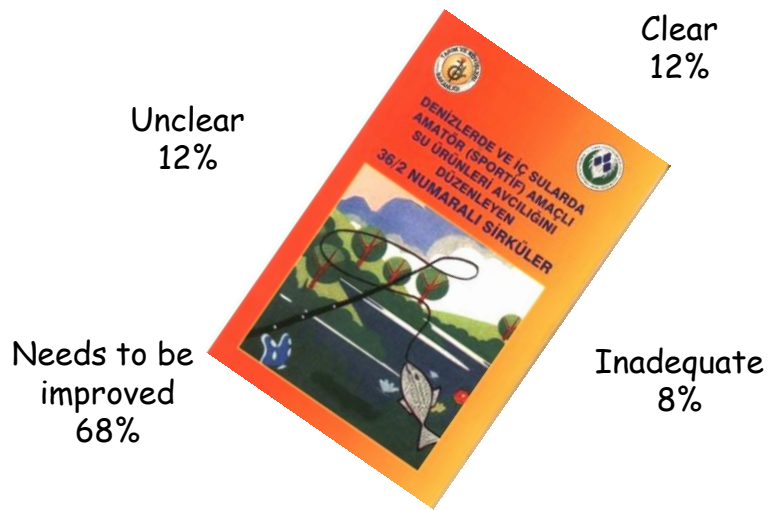
Rate of Spearfishers supporting licensing in spearfishing



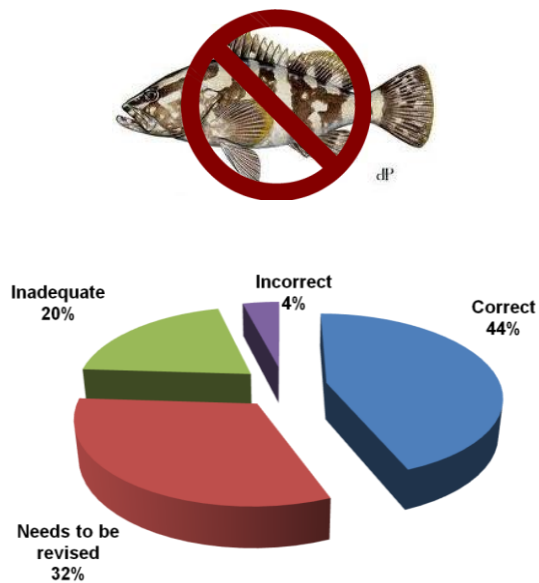
Only speargun 20%



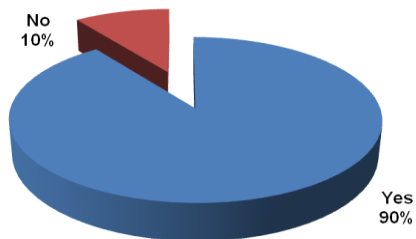
Rate of Spearfishers who use only Spear gun among MRF methods



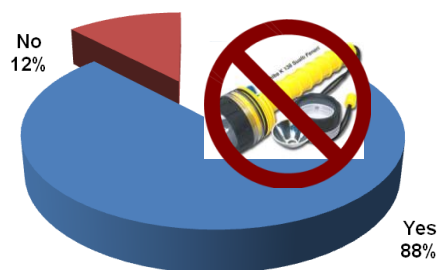
Comments on current regulations



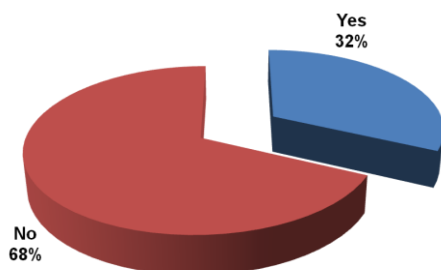
Comments on arrangement of forbidden species



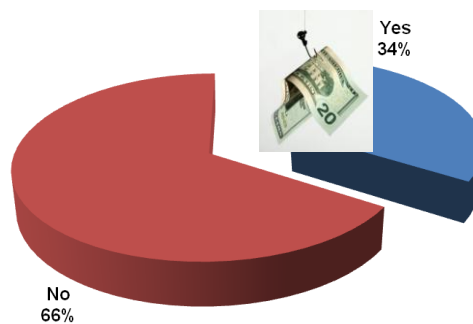
Supporting prohibition of SCUBA



Supporting prohibition light source at night



Rate of Spearfishers stated that groupers fishing should be free



Comment on Spearfishing trade

Average fishing days and catch per spearfisher :
 37 ± 20.3 days/year and 7.6 ± 4.1 kg/day

Average expenses to replace gears:
 314.1 ± 175.9 €/year/spearfisher

Average travel cost:
 493.2 ± 265.5 €/year/spearfisher



Major problems of spearfishers

- Lack of community awareness,
- Inspectors & Coast guard,
- Commercial fishers,
- Owners of aquaculture cages.





Gaps

- Total catch, fishing effort, social, economic and biological effects of spearfishing are not known.
- Actual number of spearfishers are not known.
- Although spearfishing-caught fish may not be traded but illegal marketing is going on.



Conclusion

- For the better management of spearfishing and also other RF types including there is an urgent need to solve following key problems :
 - Lack of Monitoring,
 - Weak Enforcement,
 - Illegal fishing done under the pretence of recreational fishing.

Thanks...