

**Konyaaltı Mehmet Zeki  
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Technical and Anatolian  
High School**

# ME AND SEA



# GEOGRAPHY OF THE BLACK SEA

The countries bordering the Black Sea are Ukraine, the Russian Federation, Georgia, Türkiye, Bulgaria and Romania.





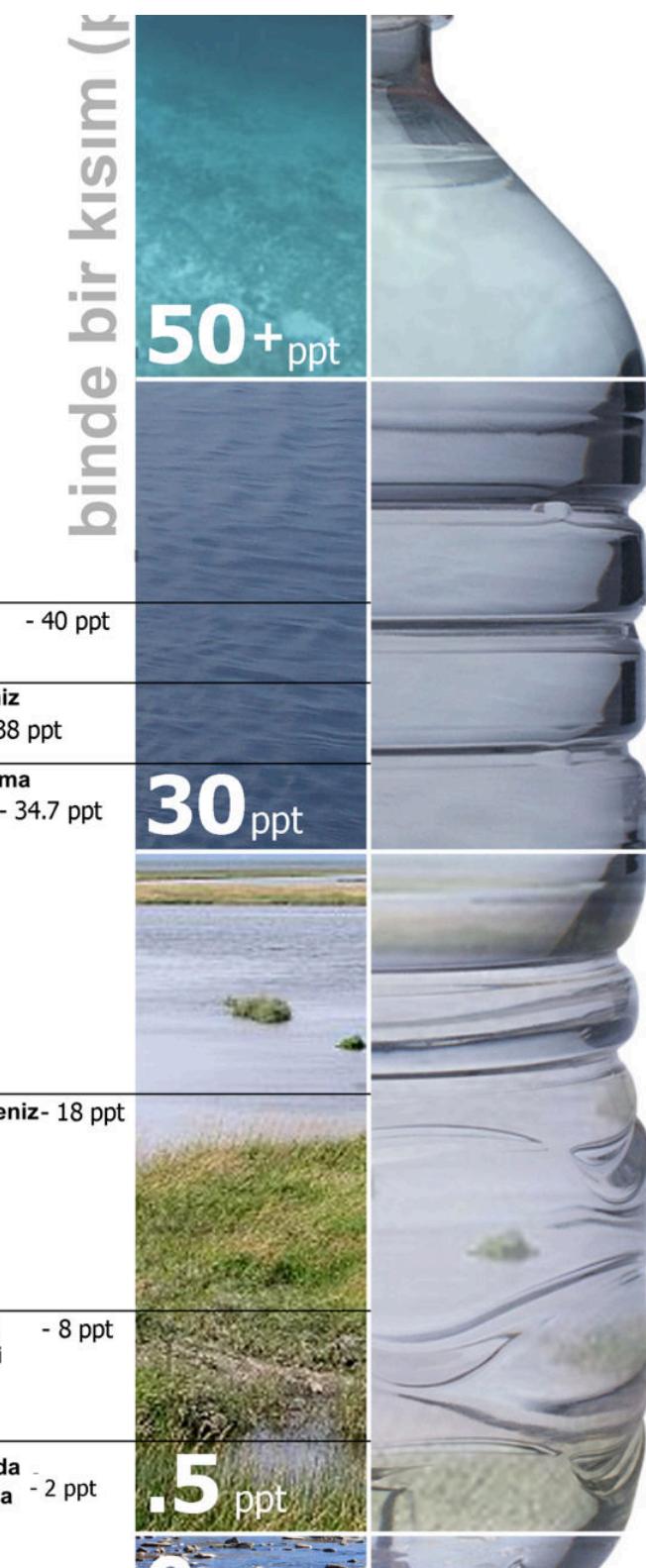
## Rivers flowing into the Black Sea

5 big rivers: The Dnieper, which flows into the Black Sea, the Dinerler, the Don River, the Kuban River, and the Danube River, which covers Central Europe.



# SALINITY RATE OF BLACK SEA

The salinity rate of the Black Sea is quite high.



**TUZLU SU**  
deniz suyu, tuz gölleri  
30-50 ppt

**ACI SU**  
haliçler, mangrov bataklıkları,  
hafif tuzlu göl ve denizler,  
hafif tuzlu bataklıklar  
.5-30 ppt

**TATLI SU**



# POLLUTION iN THE BLACK SEA

The Black Sea is under threat from pollution. Hydrogen sulphide, which is extremely poisonous, is increasing in this sea if precautions are not taken.

# HOW IS HYDROGEN GAS FORMED?

In wastewater environments, H<sub>2</sub>S is formed in wastewater as a result of the reaction of sulfates with anoxic biofilms. Since some of this H<sub>2</sub>S turns into gas at the surface of the water, it can fill the headspace in pipes or other structures.



## Palamutgiller skalası



1- Vonoz Gaco: 0 - 10 cm



2- Çingenepalamudu: 10 - 25 cm



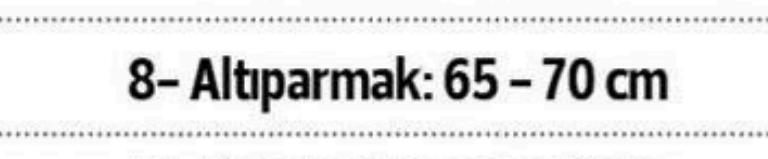
3- Palamut: 30 - 35 cm



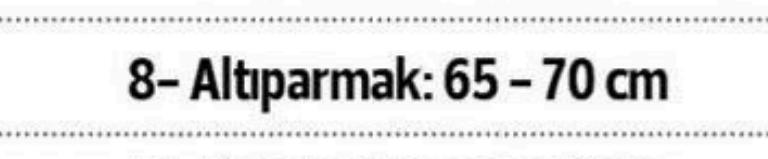
4- Kestanepalamudu: 40 - 45 cm



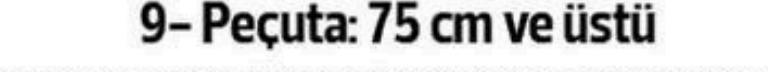
5- Zindandelen: 50 - 55 cm



6- Torik: 55 - 60 cm



7- Sivri: 60 - 65 cm



8- Altıparmak: 65 - 70 cm



9- Peçuta: 75 cm ve üstü

# KARADENİZDEKİ BALIKLAR

**Yunus hamisi palamut kefal lüfer bu denizde bulunan başlıca türlerdir**

**the main fish species foundin this sea  
dolphin,anchovy,bonito,mulletand bluefish**

AKDENİZ

Mediterranean Sea

# Geography of the Mediterranean sea

**Akdeniz Atlas okyanusuna bağlı Kuzeyinde Avrupa  
güneyinde afrika,Doğusunda Asya kıtaları  
bulunan denizdir.**

**The Mediterranean is a sea connected  
to do atlantic ocean with europe to the  
north,Africa to the South,And asya to  
the East**



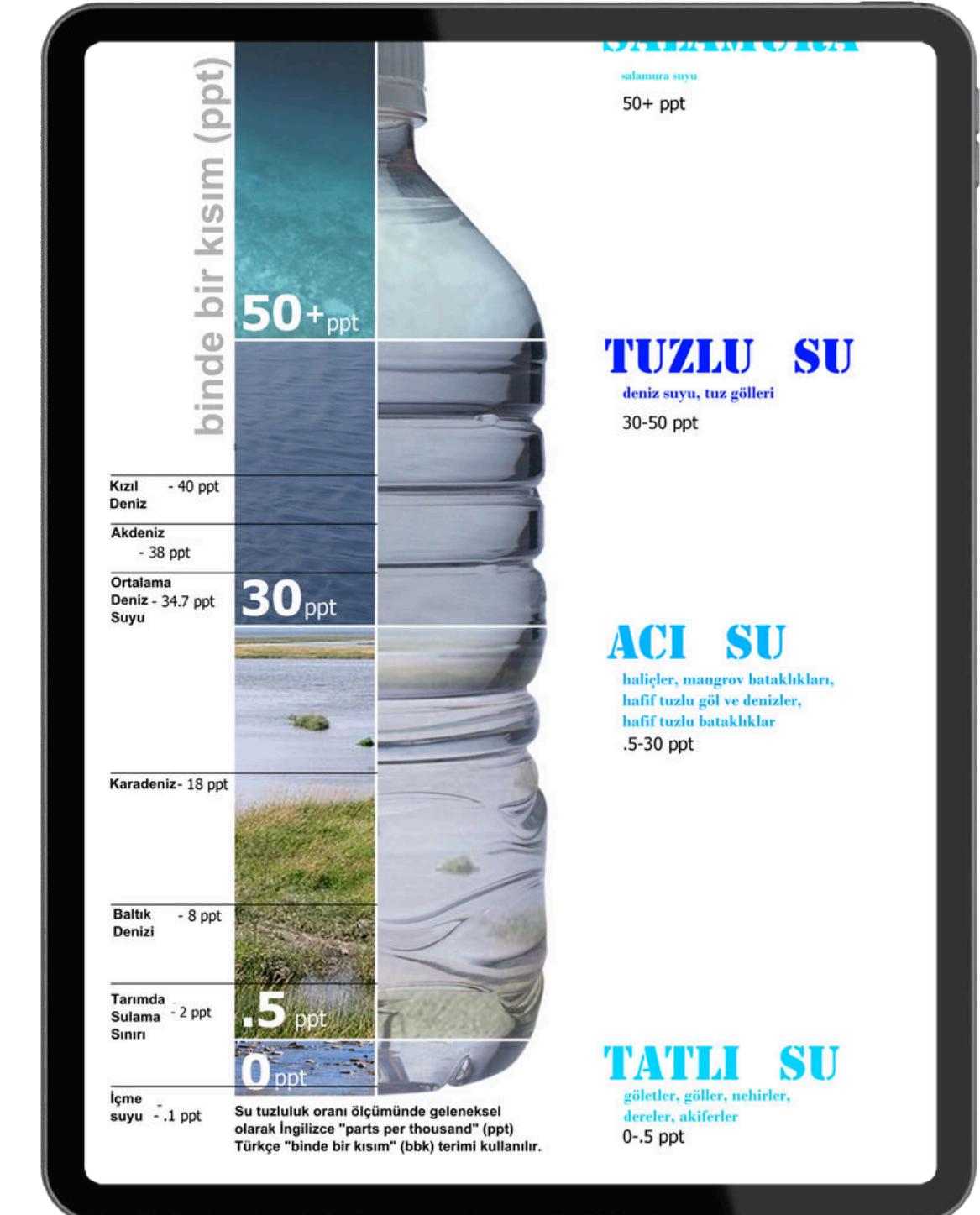
# salinity rate in the mediterranean

Dünyanın en büyük iç denizidir. Tuzluluk oranı yüksektir. Özellikle Doğu Akdeniz'de çok yüksektir.

It is the World largest inland sea.

It is salinity is high.

It is especially high in the eastern Mediterranean.





# pollution in the mediterranean

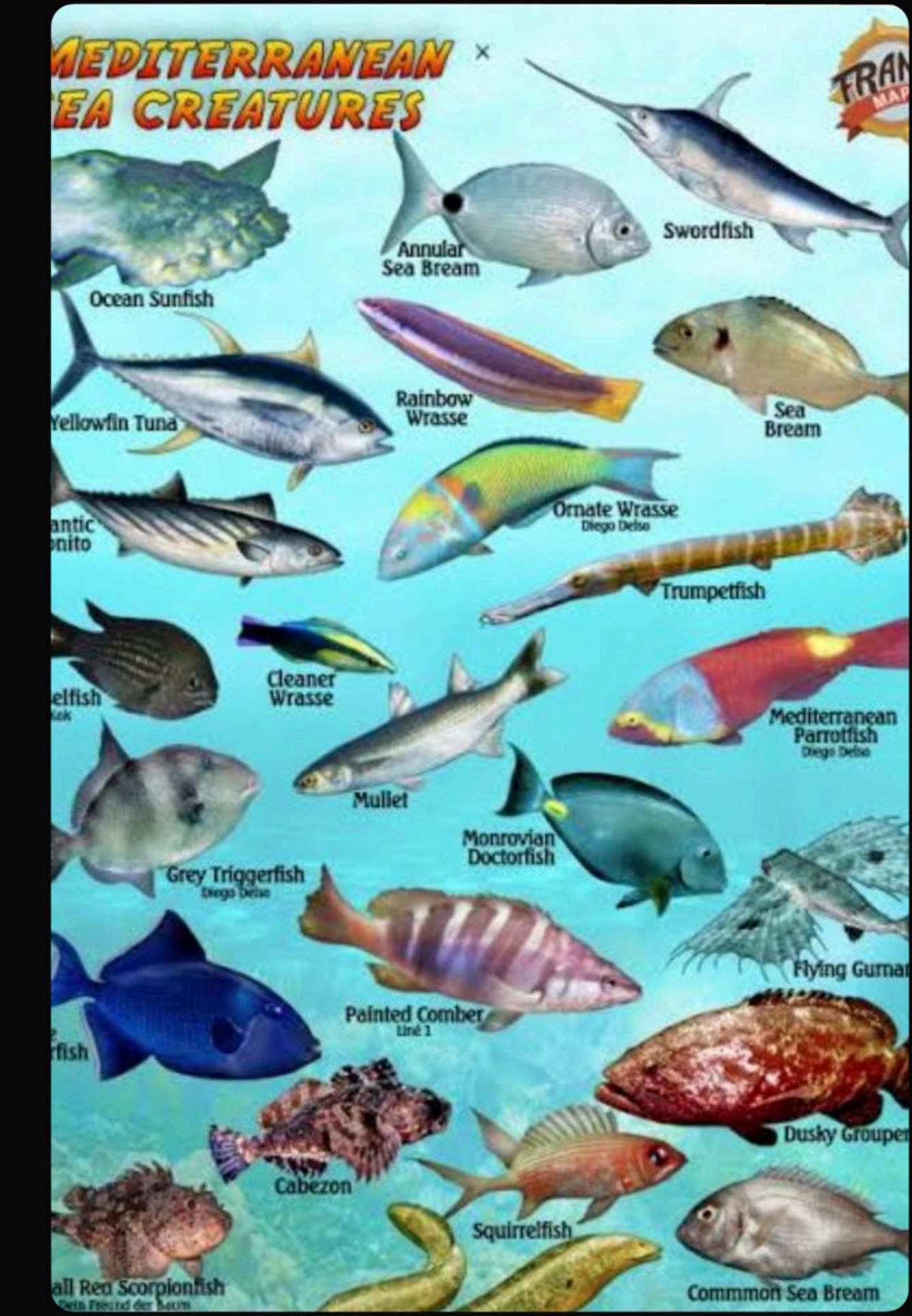
**Akdeniz denizlerdeki plastik kirliliğinden  
en çok etkilenen denizlerden  
biridir.Yapılan çalışmalar her yıl yaklaşık  
33 bin plastik şişenin akdenize karostığını  
göstermektedir.**

**Mediterranean is One of the seas most  
effected by plastic pollution.  
Studies show that approximately 33  
thousand plastic bottles enter the  
Mediterranean every year**

# Mediterranean sea fishes

**Barbunya,çipura,akyा sinarit ve papağan balığı akdenizde yaygın hulunan balık türlerindendir.**

**Red mullet sea bream leer fish dentex and parrot fish are the fish species frequently seen in the Mediterranean**



An aerial photograph of the Baltic Sea, showing its characteristic blue-green color and complex coastline. The sea is filled with numerous small, white, foamy waves. In the upper portion of the image, the words "BALTIC SEA" are printed in a large, bold, white sans-serif font.

BALTIC SEA

# GEOGRAPHY OF BALTIC SEA

**Kuzeyinde Batni Körfezi  
vardır.İsveç.Finlandiya,Danimarka,  
Almanya,Polonya,Rusya,Estonya,Litf  
anya,Letonya**

**To the North is the Gulf of batni. It is  
surrounded by the countries of  
Sweden,Finland,Denmark,Germany,Polan  
d,Russia,Estonya,lithunia And Latvia**



# Tuzluluk oranı

**Yağışlar sebebiyle Avrupa'nın birçok önemli akarsuları buraya bol su getirir.**

**Sığ bir denizdir,tuzluluk oranı çok azdır,Dünya'daki tuzluluk oranı en az olan deniz**

**Due to rainfall,many important rivers of Europe bring plenty of water here.It is a shallow sea,its salinity is very low,the sea with the least salinity in the world**



# POLLUTION IN THE BALTIC SEA

Dünya'nın en kirli su kütelerinden biridir.  
Selüloz imalatından ve kağıt fabrikalarından  
kaynaklanan büyük miktarda zehirli klörü bileşik  
1980'lere kadar İsveç ve Finlandiya'nın kıyı sularını  
kirletti. Kirli kalıntıları hala Orta Baltık Denizinin  
tortularında oluşur.

It is one of the most polluted bodies of water  
in the world. Large amounts of toxic  
chlorine compounds from pulp and paper  
mills polluted the coastal waters of Sweden  
and Finland until the 1980s. Remnants of  
the pollution still form in the sediments of  
the central Baltic Sea.



# FISH IN THE BALTIC SEA



**Morina fish**



**Pisi fish**

**These fish live in Baltic sea**

An aerial photograph of the North Sea coastline. The image shows a mix of dark green landmasses and bright blue water. In the upper left, a small island with white buildings is visible. The text "NORTH SEA" is overlaid in the center-left area.

# NORTH SEA

# GEOGRAPHY OF NORTH SEA

The following countries have coastlines on the North Sea: Great Britain, Denmark, Norway, Germany, the Netherlands, Belgium and France





# North sea color

**Color of the North sea is reddish  
because it is shallow sea and due to  
do sediments brought from the  
rivers**

# Dangers of the North Sea

English

The North sea is one of the most dangerous seas in the world. In winter, the water of the North sea can still freeze and this freezing process makes navigation very dangerous.

Turkish

Kuzey Denizi dünyanın en tehlikeli denizlerinden biridir. Kışın Kuzey Denizi'nin suyu hala donabilir ve bu donma süreci navigasyonu çok tehlikeli hale getirir.



# FISH LIVING IN THE NORTH SEA



**Fish living in the North Sea is**  
**Pike Eel Walleye Seabass**  
**Catfish Sturgeon Spiny Lobster**



# ADRİATIC SEA



# ADRIATIC SEA GEOGRAPHY

The Adriatic sea is a part of the Mediterranean Sea and is a long and narrow extension between the Italian Peninsula and the Balkan Peninsula. It borders Italy ,Albania,Croatia,Bosnia and Herzegovina,Slovenia, and Montenegro.



# INFORMATION ABOUT ADRIATIC



## SALINITY

The salinity of the adriatic is lower than that of the Mediterranean sea.



## POLLUTION IN ADRIATIC

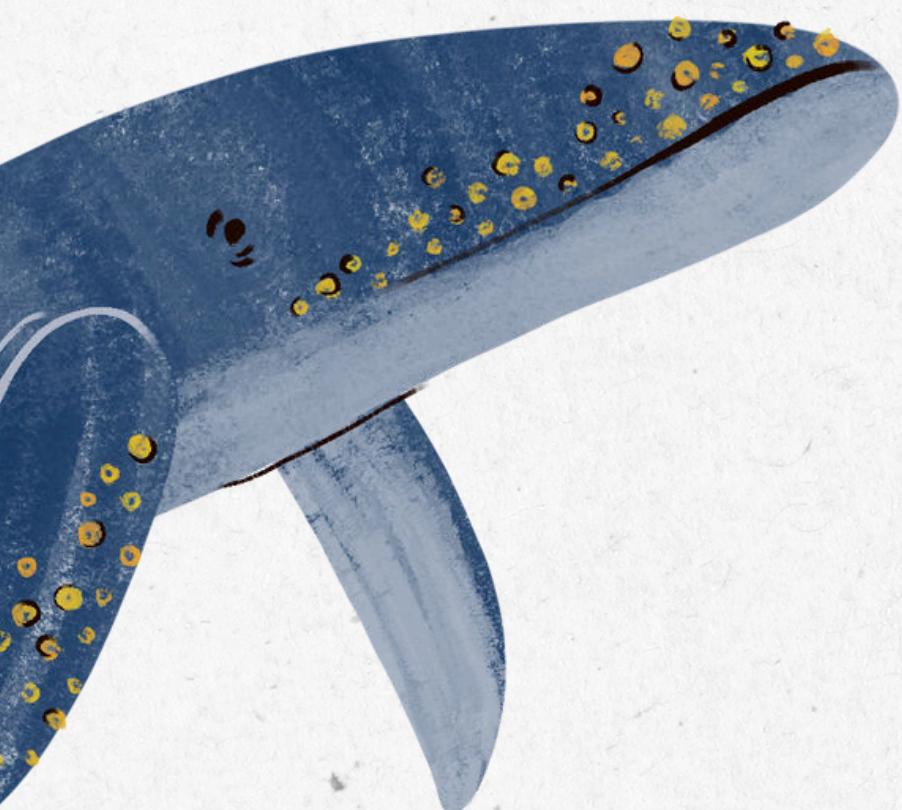
The adriatic sea is under threat from salwater intrusion caused by runoff from agricultural areas.

Especially around Venice, the mixing of salty water with fresh water is an example of this



## ISLAND IN ADRIATIC

The adriatic contains more than 1300 island, mostly located along its eastern coasts



# ADRIATIC SEA CREATURES



Orkinos



Sprat



Mackerel

team  
work

# THANKS FOR READ

**Developers:**

