



# Istanbul University



## M.Sc. Sude ATMACA

(Istanbul, TURKEY)

Istanbul University, Fisheries Faculty  
Department of Aquaculture

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## İSTANBUL UNIVERSITY'S MISSION

Istanbul University brings together the East and the West; the past and the future.

## Campuses

The Istanbul University continues its activities at 12 campuses in Beyazıt-Central, Laleli-Vezneciler, Vefa, Horhor, Avcılar, Çapa, Cerrahpaşa, Şişli, Kadıköy, Bahçeköy, Bakırköy and Büyükçekmece; however its symbol is the historical campus at Beyazıt.

22 Faculties

5100 Instructors



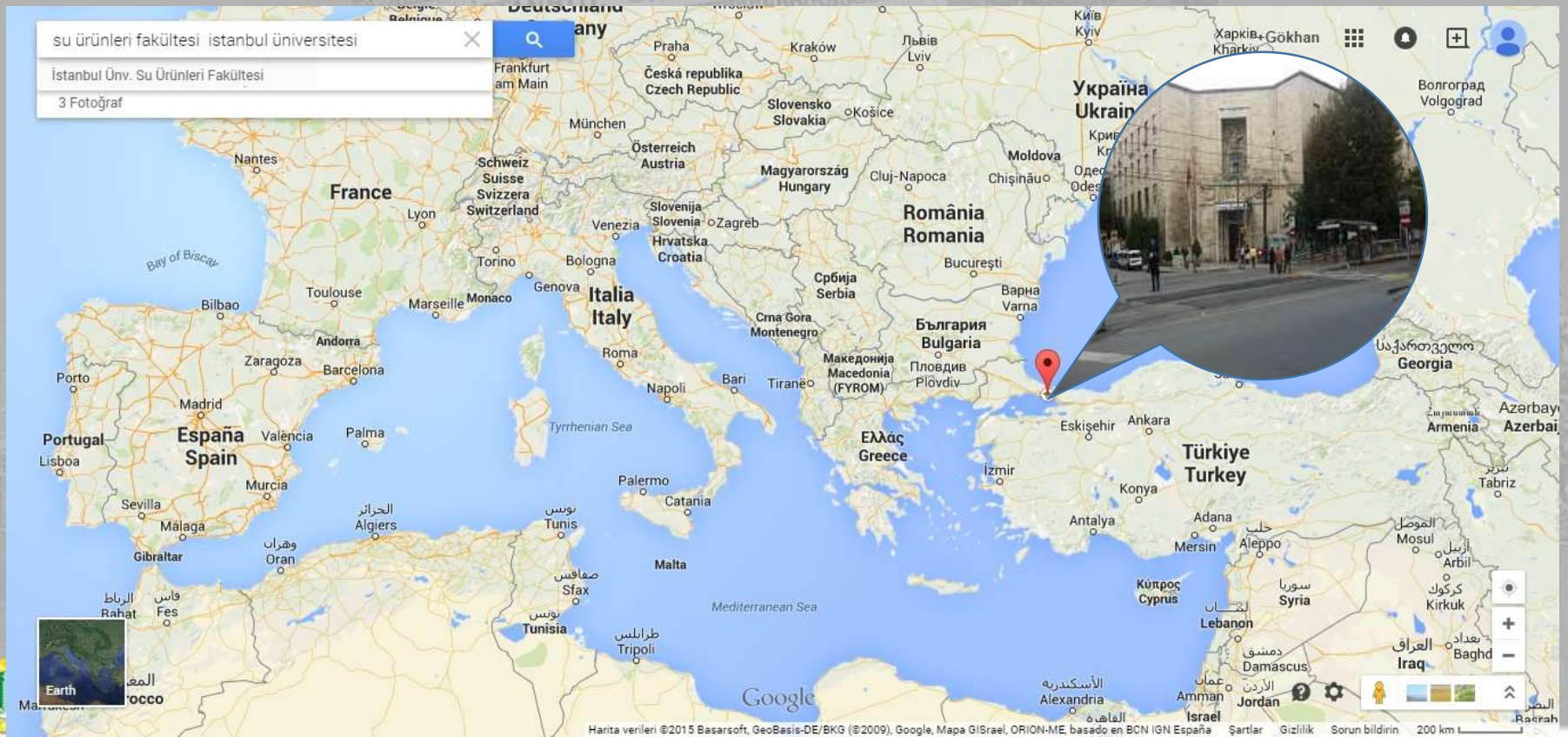
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# My Faculty

İstanbul University Faculty of Fisheries, Aquaculture Department, visions to increase aquaculture with sustainable, and environment friendly techniques resulting in the increase of sea food consumption of the public.





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In our faculty we have 3 main division include 6 department:

## 1. Fundamental Science Division

- Department of Marine Biology
- Department of Freshwater Biology

## 2. Fisheries and Seafood Processing Technology Division

- Department of Fisheries Technology
- Department of Seafood Processing and Quality Control

## 3. Aquaculture Division

- Department of Aquaculture
- Department of Fish Diseases



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In Department of Aquaculture:

Main fields of work;

Mariculture (sea bass, sea bream, turbot etc)

Live food production

Livestock and hatchery management

Farm projects and Engineering techniques

Pond, tank and cage design

Crustacean culture (mussels, shrimps etc.)

Biotechnology studies (cryopreservation, chromosome manipulations etc.)

Feeding behavior in fish

Water quality in aquaculture

Freshwater fish culture (trout, salmon, carp, sturgeon, etc.)

Ornamental fish culture (cichlids, koi etc.)



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Sapanca Inland Research Unit



The central Institute building

R/V Research Vessel Yunus-S



Gökçeada Research Unit





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In Sapanca Inland Research Unit;

It is about 150 km away from İstanbul. Currently, 23 staff work in facilities and many research project is being carried out.

- Administration rooms,
- Personal rooms,
- Fish disease laboratory,
- Fish biology laboratory,
- Water Chemical analysis laboratory,
- Hatchery,
- Ornamental Fish Production room,
- Library,
- Conference hall,
- Feed room,
- 33 Concrete fish breeding pool,
- Dormitories and Guesthouses



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The hatchery







Black sea trout  
(*Salmo trutta labrax*)



Rainbow trout  
(*Oncorhynchus mykiss*)



Sturgeon  
(*Acipenser gueldenstaedtii*)







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Our Faculty organized “1st National Workshop on Gamete Biology in Aquaculture” at Sapanca Inland Research unit.

3-5 April 2014







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## INVITED SPEAKERS

Dr. Jacky Cosson from  
Czech Republic South  
Bohemian University of  
Faculty of Fisheries and  
Water Protection

Dr. Lambros Kokokiris from  
Alexander Technological  
Institute, Department of  
Fisheries and Aquaculture  
Technology



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## My Study & My Plans

Currently, I am at the stage in master thesis.

My thesis topic is “A Study on the Cryopreservation and Isolation of Rainbow Trout (*Oncorhynchus mykiss*) Germ Cell”. I would like to be specialist on this subjects in my country. I would you like to get more experience and practice on these issues.

After finished my master thesis I would like to study on germ cell transplantation in my PhD thesis between our endemic species Black sea trout (*Salmo trutta labrax*) and rainbow trout (*Oncorhynchus mykiss*).

I would like to continue to research and improve myself about germ cell isolation, cryopreservation and transplantation experiments.



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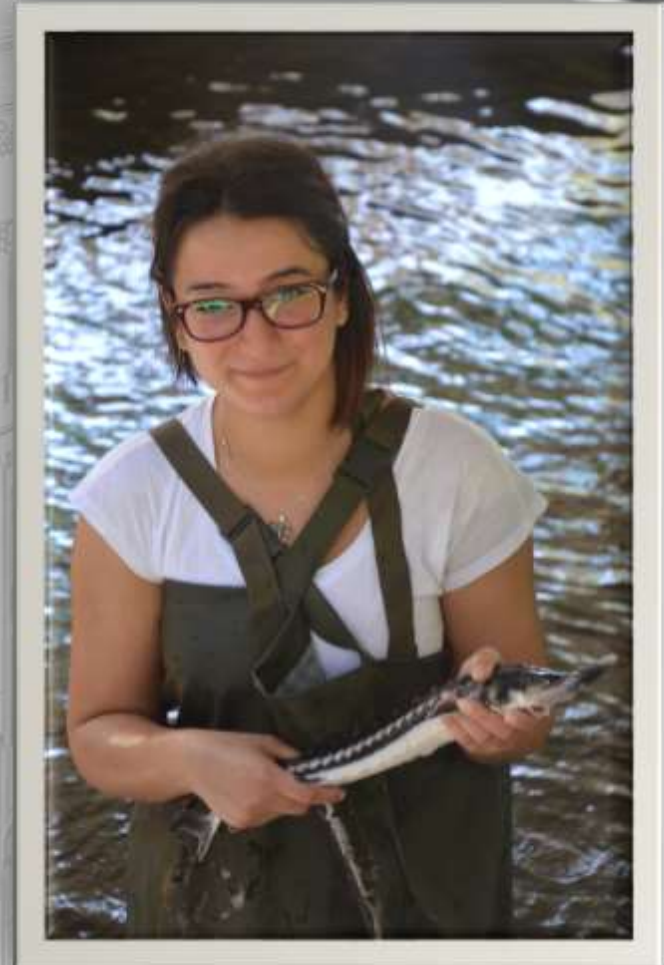




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**Thank you for your  
attention...**



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