

# EuroSea Career Profiles



# EuroSea



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## ABOUT EUROSEA

**EuroSea Vision:** Advancing Research and Innovation towards a user-focused, truly interdisciplinary, and responsive European ocean observing and forecasting system, that delivers the essential information needed for human wellbeing and safety, sustainable development, and blue economy in a changing world.

EuroSea is a European Union Innovation Action titled 'Improving and Integrating European Ocean Observing and Forecasting Systems for Sustainable Use of the Oceans'. The EuroSea project is funded through the European Commission research funding programme Horizon 2020 under a call supporting the G7 Future of Seas and Oceans Flagship Initiative.

EuroSea brings together key European actors of ocean observing, monitoring and forecasting with users of oceanographic products and services. The EuroSea innovation demos are focused on **coastal resilience** and **operational services, ocean health,** and **climate**.

EuroSea is a 55-partner-strong consortium from 16 countries. More than 140 individuals work together in 10 work packages. The total project budget is € 12.3 M.

More information on EuroSea objectives and communication messages can be found in the EuroSea Communication Plan. The EuroSea website provides details on the project, its outputs, and news.

# EuroSea PARTNERS



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# Abed

## Oceanographer and Scientific Associate

### Type of Work

Identifying gaps in the ocean observing system (observations, modelling, regulations etc) to monitor and observe ocean processes

Giving recommendations for EU commission

Scientific research, writing proposals joining scientific cruises

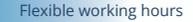
### What can you do to get there?

- Gain work experience by trying different positions, following your interest
- You don't have to be a marine biologist, any work related to the environment is a possible start
- Gaining scientific expertise is an important part of becoming a researcher or scientific associate

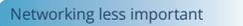


### Working environment

Office work  Remote work 

Set office hours  Flexible working hours 

Daily routine  Dynamic environment 

Networking less important  Networking very important 

Working alone  Working with a team 

### Quote

*"Making a difference is essential to me! That's why I went into science and work to identify gaps in ocean observing."*

### Education

Degree  
In natural sciences

### PhD

Mandatory to work as a researcher  
Not mandatory to become a scientific associate but helpful

### Skills

Communication		Scientific expertise	
Time management		Ability to criticise	
Research skills		Ability digest a lot of information	
Proactivity			

# Alí

## Physical Oceanographer Research Scientist

### Type of Work

Coordinating data assimilation activities for Mediterranean and Black Sea marine forecasting systems (e.g. Copernicus Marine Service)

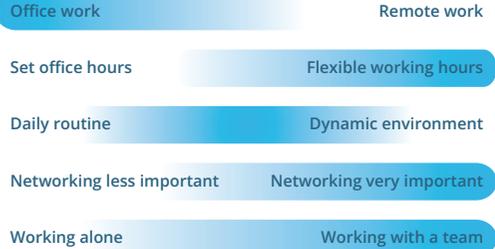
Research activities e.g. modelling and coding

### What can you do to get there?

- Doing a PhD is highly recommended as you will thoroughly learn how to conduct research and everything involved
- Go to conferences and present your own research (e.g. master thesis) or go there without presenting and talk to other scientists



### Working environment



### Quote

“Following my interests and having the chance to work on emerging environmental concerns is fantastic.”

### Education

Degree  
Scientific background is helpful

PhD  
To work as a scientific researcher

### Skills



# Ángel

## Science Officer specialized in science-policy

### Type of Work

Translating scientific knowledge into policy language - scientific consultancy

Working with scientific experts to produce reports and advice

Participate and organize national/international events (virtual/ on site)

### What can you do to get there?

- Blue book traineeship at EU institutions
- Internships in the secretariats of intergovernmental organisations and forums (e.g. KDM, JPI Oceans, EMB...)
- Personally researching and learning about European legislations and understanding policy challenges



### Working environment

Office work	Remote work
Set office hours	Flexible working hours
Daily routine	Dynamic environment
Networking less important	Networking very important
Working alone	Working with a team

### Quote

"I work to ensure that scientific information is acknowledged and used by policy!"

### Education

#### Degree

Scientific background is helpful  
Basic knowledge on European legislation and international policy landscape is an asset

#### PhD

Not mandatory

### Skills

Web searching skills		Finding credible sources quickly	
Communication		Interpersonal skills	
Summarizing		Adaptive	
Explaining complex ideas			

# Bàrbara

## Physical Oceanographer Researcher

### Type of Work

Study oceanic structures with scales of 10-100 km and evaluate their impact on biology and climate change

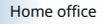
Reading, analyzing data and writing scientific publications

### What can you do to get there?

- Following the academic path all the way through until completing the PhD
- Finding postdoc position in a topic that fascinates you



### Working environment

Office work  Home office 

Set office hours  Flexible working hours 

Daily routine  Dynamic environment 

Networking less important  Networking very important 

Working alone  Working with a team 

### Quote

"Even though my research aims to address specific questions, I contribute to the big picture of making a difference."

### Education

Degree  
In natural sciences

PhD  
Mandatory

Postdoc  
Mandatory

### Skills

Scientific expertise		Efficiency	
Coding		Communication	
Time management		Work independently	
Be curious		Organizational skills	

# Caroline

## Biological Oceanographer and Project Manager

### Type of Work

Working with modellers and physical oceanographers to develop mid-stream and/or downstream data products and services

Work with Higher Education Institutions (PhDs, PostDocs, Projects)  
EU Projects e.g. EuroSea

Product development (e.g. data products, interactive products, user outreach,...)

### What can you do to get there?

- Additional training on project management (e.g. Coursera online course)
- Start with a position as a scientific and technical officer (STO)
- Be open to people and learn from connections



### Working environment



### Quote

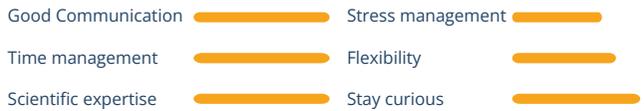
*“I enjoy working closely together with highly skilled people to create information and products that help others.”*

### Education

Degree  
Degree in oceanography, chemistry, biology, or physics

PhD  
Recommended to work scientifically and supervise PhD projects

### Skills



# Eloise

## Science and Innovation Manager

### Type of Work

- Managing research projects
- Coordinating working groups/teams
- International environment
- Communication about the project (podcast, website, events)

### What can you do to get there?

- Reach out to supervisors to help with projects (project managers can be postdocs)
- You can do a course on project management
- A PhD could also help you get started



### Working environment

- Office work: Home office, Remote work
- Strickt office hours: Flexible working hours
- Daily routine: Dynamic environment
- Networking less important: Networking very important
- Working alone: Working with a team

### Quote

“My ambition and aspiration is to make a difference and have an impact”

### Education

- Degree: Scientific background is helpful, Business background can help
- PhD: Not mandatory

### Skills

Communication		Patience	
Time management		Flexibility	
Organized		Stress management	
Proactivity		Adaptive	
Cultural intelligence		Available	

# Martha

## Science Project Manager

### Type of Work

- Project management and coordination
- Coordinating working groups/teams
- Stakeholder engagement and communication about the project

### What can you do to get there?

- Internship at a research institute or centre (e.g. European Commission Joint Research Centres)
- Blue Book Traineeship at European Commission
- Training in software used to manage and coordinate large teams and projects
- Improve interpersonal skills
- Languages and intercultural communication



### Working environment



### Quote

“My goal is to maximize the potential of scientific research through interdisciplinary collaboration and pulling everything together.”

### Education

- Degree  
Scientific background is essential  
Business background can be helpful
- PhD  
Possible but not absolutely mandatory

### Skills



# Peer

## Business Development Manager Ocean Science

### Type of Work

Consulting business development with a scientific mind

Providing technological solutions for science

Bridging industry with ocean science highlighting the importance of collaboration

### What can you do to get there?

- Two ways to enter industry:
- 1. Product development (become a specialist for a product, e.g. marine sensor)
- 2. Sales (Being a scientist helps you to find technological solutions for other scientists)



### Skills

Analytical thinking		Business Acumen	
Versatility		Critical thinking	
Communication		Scientific thinking	
Flexibility			
Self-Motivation			

### Working environment

Office work	Home office	Remote work
Set office hours	Flexible working hours	
Daily routine	Dynamic environment	
Networking less important	Networking very important	
Working alone	Working with a team	

### Quote

"Maritime technology is crucial to solving sustainability issues of today!"

### Education

#### Degree

Scientific background is crucial  
Business background can help

#### PhD

Not mandatory but could make you a specialist for a certain product.

# Vero

## Communication and Ocean Literacy officer

### Type of Work

- Strategic planning
- Ocean Literacy (also for children)
- Preparing documents, presentations, and events
- Communication about the project

### What can you do to get there?

- Look for job openings in governmental institutions
- Internships can help to gain experience and learn valuable skills
- Improve your communication skills through e.g. science journalism, stakeholder engagement



### Working environment

Office work	Remote work
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Working alone	Working with a team

### Quote

“We have an obligation to inform society about ocean science and how it impacts people’s lives!”

### Education

Degree  
Degree in natural sciences  
Background in science  
communication can help

PhD  
Not mandatory

### Skills

Adaptability		Communication	
Team work		Analytical thinking	
Multidisciplinarity		Synthetical thinking	



