

# PIERRE-AMI MAUDOUX

Environmental economist with strong data science skills and over six years of experience working in international institutions (EIB, FAO). I am passionate about developing data-driven solutions to environmental and natural resources issues. Having lived and worked in eight different countries, I am fluent in French and English, I have a good command of Spanish, and I thrive in multicultural environments.



## EXPERIENCE

current  
|  
2018



### Statistician/Economist

Food and Agriculture Organization (FAO)

📍 Rome, IT and Remote

- Produced data visualisations (ggplot2, Shiny, PowerBI, Tableau, QGIS, Flourish - in static, animated and interactive format) for official FAO publications, the fao.org website and presentations at major international events (including COP25, COFI36)
- Greatly improved the management of the FAO-OECD global fisheries and aquaculture employment database by creating R/SharePoint applications to automate and streamline workflows
- Represented FAO at the UN's International Symposium on the use of Big Data for official statistics (Hangzhou, 2019)
- Co-authored chapters in high-profile publications (see publications section below)
- Contributed to the review and improvement of key statistical dissemination and collection tools (SOFIA, FishStatJ, Statistical Yearbook, data collection questionnaires)

2018  
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2018



### Trainee

European Investment Bank

📍 Luxembourg, LU

- Produced a new methodology based on the NACE classification to better estimate lending statistics for the Bank's Blue Economy projects.
- Developed a dataset of hundreds of environmental performance indicators specifically designed for operations taking place in marine and coastal areas.



## EDUCATION

2017  
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2015

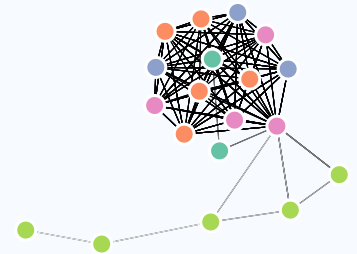


### MSc, Environmental and Natural Resource Economics

University of Copenhagen

📍 Copenhagen, DK

- GPA: 10.8/12
- Thesis: "Water Quality Improvements from Macroalgae Aquaculture in Denmark: A Contingent Valuation Study"



[View this CV online with links](#)

## CONTACT

✉ [Email](#)

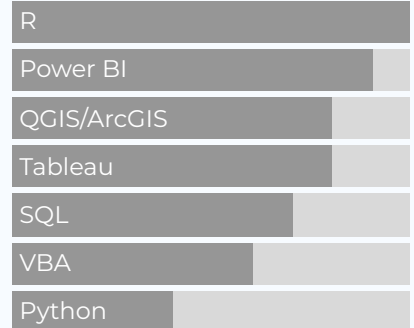
🌐 [Website](#)

🐙 [GitHub](#)

in [LinkedIn](#)

🐦 [Twitter](#)

## IT SKILLS



Made with the [datadrivencv](#) R package.

Last updated on 18/12/2024.

- 2015  
|  
2013

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**CEMS Master in International Management**  
 Louvain School of Management
 

📍 Louvain-la-Neuve, BE

- Cum laude
  - Thesis: “An analysis of the contributions of management science to corporate GHG emissions reductions”
  - Semester exchange at NOVA School of Business and Economics (Lisbon, Portugal)
- 2013  
|  
2010

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**Bachelor degree in Economics and Management**  
 Université catholique de Louvain
 

📍 Louvain-la-Neuve, BE

- Cum laude
  - Minor in chinese studies
- 2010  
|  
2009

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**Rotary Youth Exchange Program**  
 Brookfield East High School
 

📍 Milwaukee (WI), US

- Senior year exchange in an American high school
- 2009  
|  
2003

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**High school degree**  
 Collège Saint Joseph
 

📍 Chimay, BE

- Specialization: science and foreign languages (EN, NL, DE)



## PUBLICATIONS

- 2024

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**The State of World Fisheries and Aquaculture 2024<sup>1</sup>**  
 FAO
 

- Co-author: “Employment in fisheries and aquaculture” section.
  - Co-author: “Fishing Fleet” section.
- 2023

●

**2020 Yearbook of Fishery and Aquaculture Statistics<sup>2</sup>**  
 FAO
 

- Led the effort to modernize the publication, designed data visualizations.
- 2022

●

**The State of World Fisheries and Aquaculture 2022<sup>3</sup>**  
 FAO
 

- Co-author: “Fisheries and Aquaculture Employment” section.
  - Co-author: “Fishing Fleets” section.
- 2020

●

**The State of World Fisheries and Aquaculture 2020<sup>4</sup>**  
 FAO
 

- Co-author: “Fish utilization and processing” section.
  - Co-author: “Fisheries and aquaculture projections” section.

2020



### **Agricultural Outlook 2020-2029<sup>5</sup>**

OECD-FAO

- Co-author: chapter 8, on the market situation and medium-term projections for world fish markets.



## **CONFERENCES**

2022



### **Master's Degree in Sustainable Fisheries Management<sup>6</sup>**

Universidad de Alicante

📍 Online

- Conducted a training session on FishStatJ: Software for Fishery and Aquaculture Statistical Time Series

2020



### **Online Advanced Course: Organization of Fisheries Statistics Systems<sup>7</sup>**

International Centre for Advanced Mediterranean Agronomic Studies (CIHEAM) Zaragoza

📍 Online

- Conducted a training session on FishStatJ: Software for Fishery and Aquaculture Statistical Time Series

2019



### **International Symposium on the Use of Big Data for Official Statistics<sup>8</sup>**

UN Global Working Group on Big Data

📍 Hangzhou, CN

- Presented applications of big data in FAO's fisheries and aquaculture division.



## **COURSES & CERTIFICATIONS**

2022



### **Data Scientist with R Track<sup>9</sup>**

DataCamp

📍 Online

- 30-courses, 88-hours Data Science certification covering data importing, cleaning, manipulation, visualization, and machine learning through video lectures, case studies and skills assessments.

2020



### **The Complete SQL Bootcamp 2020<sup>10</sup>**

Pieran Data on Udemy

📍 Online

- Fundamental SQL training with PostgreSQL.

- 2019 ● **Geographic Information Systems Specialization<sup>11</sup>**  
 UCDavis on Coursera 📍 Online  
 • Comprehensive certification (24 weeks) covering basic to advanced GIS concepts and practice with ArcGIS.
- 2013 ● **Blue Economy Summer School<sup>12</sup>**  
 University of Pécs 📍 Pécs, HU  
 • Two weeks of classes and applied project on the circular economy, led by former Ecover chairman Gunter Pauli.

## LINKS

- 1: <https://doi.org/10.4060/cd0683en>
- 2: <https://doi.org/10.4060/cc7493en>
- 3: <https://doi.org/10.4060/cc0461en>
- 4: <https://doi.org/10.4060/ca9229en>
- 5: <https://doi.org/10.1787/1112c23b-en>
- 6: <https://ciencias.ua.es/en/estudios/master-s-degrees/master-s-degree-in-sustainable-fisheries-management.html>
- 7: <https://edu.iamz.ciheam.org/FisheriesStatistics/en/>
- 8: <https://unstats.un.org/bigdata/events/2019/hangzhou/default.asp>
- 9: <https://www.datacamp.com/statement-of-accomplishment/track/39d31ef91df740364846adb89553e8982e7b6f1c>
- 10: <https://www.udemy.com/certificate/UC-c2df9da0-c89d-46dd-8d18-a965cfd60bd1/>
- 11: <https://www.coursera.org/account/accomplishments/specialization/YMXZX56YJHPW>
- 12: [https://drive.google.com/file/d/1Gk5CLV40EUQQ6ofqBDMEDxHtRsECt6O\\_/view?usp=sharing](https://drive.google.com/file/d/1Gk5CLV40EUQQ6ofqBDMEDxHtRsECt6O_/view?usp=sharing)