

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 three languages (FR/EN/ES) and thrive in multicultural environments.

EXPERIENCE

current
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2018

● Statistician/Economist

Food and Agriculture Organization (FAO)

📍 Rome, IT and Remote

- Produced data visualisations (ggplot2, Shiny, PowerBI, 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

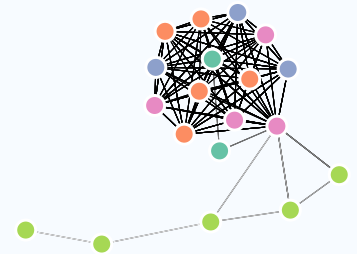
2017
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2015

● 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](#)

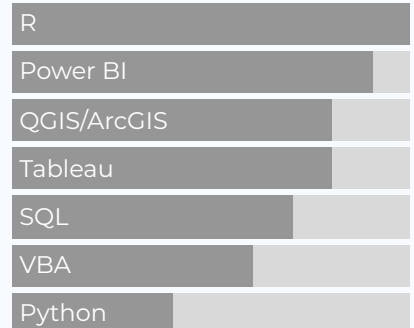
 [Website](#)

 [GitHub](#)

 [LinkedIn](#)


 [Twitter](#)

IT SKILLS



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

Last updated on 17/12/2024.

- **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)

- **Bachelor degree in Economics and Management**
Université catholique de Louvain  Louvain-la-Neuve, BE
 - Cum laude
 - Minor in chinese studies

• **Rotary Youth Exchange Program**
Brookfield East High School
Milwaukee (WI), US
· Senior year exchange in an American high school

• **High school degree**
Collège Saint Joseph  Chimay, BE
• Specialization: science and foreign languages (EN, NL, DE)

PUBLICATIONS

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

- **2020 Yearbook of Fishery and Aquaculture Statistics²**
FAO
 - Led the effort to modernize the publication, designed data visualizations.

- **The State of World Fisheries and Aquaculture 2022³**
FAO
 - Co-author: “Fisheries and Aquaculture Employment” section.
 - Co-author: “Fishing Fleets” section.

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

2020



Agricultural Outlook 2020-2029⁵

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 Management⁶

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 Systems⁷

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 Statistics⁸

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 Track⁹

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 2020¹⁰

Pieran Data on Udemy

📍 Online

- Fundamental SQL training with PostgreSQL.

- 2019 ● **Geographic Information Systems Specialization¹¹** 📍 Online
 UC Davis on Coursera
 • Comprehensive certification (24 weeks) covering basic to advanced GIS concepts and practice with ArcGIS.
- 2013 ● **Blue Economy Summer School¹²** 📍 Pécs, HU
 University of Pécs
 • 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