PIERRE-AMI MAUDOUX

Environmental economist with strong data science skills and four 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

Statistician/Economist
FAO of the UN   📍 Rome, IT and Barcelona, ES

current | 2018

- 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)
- 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 revision of key statistical dissemination and collection tools (SOFIA, FishStatJ, Statistical Yearbook, data collection questionnaires)

Trainee
European Investment Bank   📍 Luxembourg, LU

2018 | 2018

- 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.
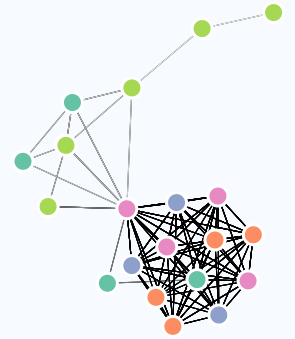
Intern
Umicore   📍 São Paulo, BR

2014 | 2014

- Performed weekly financial reporting of sales to the business unit management, cost reduction monitoring, one-off financial reporting tasks (e.g. precious metal hedges, product profitability), and sales forecasting of speciality products over a 6 months period.

CONTACT

- ✉ Email
- 🔗 Website
- GitHub
- in LinkedIn
- 🐦 Twitter

IT SKILLS

Skill	
R	
Power BI	
QGIS/ArcGIS	
VBA	
SQL	
Tableau	
Python	

Head of Quality

2014 | 2012

Junior Consulting Louvain

📍 Louvain-la-Neuve, BE

· Coordinated the work of a team of seven people on issues such as: resolving legal affairs; monitoring the quality of external projects (i.e. reporting and analysing customer experience); modelling and optimising organisational processes; preparing the company for the external audit by the European Federation of Junior Enterprises; and monitoring the overall performance of the organisation with key performance indicators.

🎓 EDUCATION

MSc, Environmental and Natural Resource Economics

2017 | 2015

University of Copenhagen

📍 Copenhagen, DK

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

CEMS Master in International Management

2015 | 2013

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

2013 | 2010

Université catholique de Louvain

📍 Louvain-la-Neuve, BE

· Cum laude
· Minor in chinese studies

Rotary Youth Exchange Program

2010 | 2009

Brookfield East High School

📍 Milwaukee (WI), US

· Senior year exchange in an American high school

High school degree

2009 | 2003

Collège Saint Joseph

📍 Chimay, BE

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

📰 PUBLICATIONS

2023
2020 Yearbook of Fishery and Aquaculture Statistics[1]
FAO

· Led the effort to modernize the publication, designed data visualizations.

2022
The State of World Fisheries and Aquaculture 2022[2]
FAO

· Co-author: "Fisheries and Aquaculture Employment" section.
· Co-author: "Fishing Fleets" section.

2020
The State of World Fisheries and Aquaculture 2020[3]
FAO

· Co-author: "Fish utilization and processing" section.
· Co-author: "Fisheries and aquaculture projections" section.

2020
Agricultural Outlook 2020-2029[4]
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[5]
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[6]
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[7]
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[8]

DataCamp 📍 Online

· 22-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[9]

Pieran Data on Udemy 📍 Online

· Fundamental SQL training with PostgreSQL.

2019 Geographic Information Systems Specialization[10]

UCDavis on Coursera 📍 Online

· Comprehensive certification (24 weeks) covering basic to advanced GIS concepts and practice with ArcGIS.

2013 Blue Economy Summer School[11]

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/cc7493en
2: https://doi.org/10.4060/cc0461en
3: https://doi.org/10.4060/ca9229en
4: https://doi.org/10.1787/1112c23b-en
5: https://ciencias.ua.es/en/estudios/master-s-degrees/master-s-degree-in-sustainable-fisheries-management.html
6: https://edu.iamz.ciheam.org/FisheriesStatistics/en/
7: https://unstats.un.org/bigdata/events/2019/hangzhou/default.asp
8: https://www.datacamp.com/statement-of-accomplishment/track/39d31ef91df740364846adb89553e8982e7b6f1c

9: https://www.udemy.com/certificate/UC-c2df9da0-c89d-46dd-8d18-a965cfd60bd1/

10: https://www.coursera.org/account/accomplishments/specialization/YMXZX56YJHPW

11: https://drive.google.com/file/d/1Gk5CLV40EUQQ6ofqBDMEDxHtRsECt6O_/view?usp=sharing