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.

🎓 EDUCATION

2017 — 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"

2015 — 2013

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"
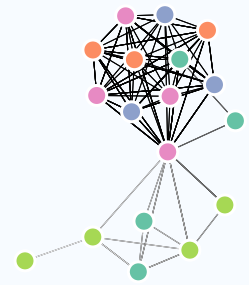- Semester exchange at NOVA School of Business and Economics (Lisbon, Portugal)

2013 — 2010

Bachelor degree in Economics and Management
Université catholique de Louvain
📍 Louvain-la-Neuve, BE

- Cum laude
- Minor in chinese studies

2010 — 2009

Rotary Youth Exchange Program
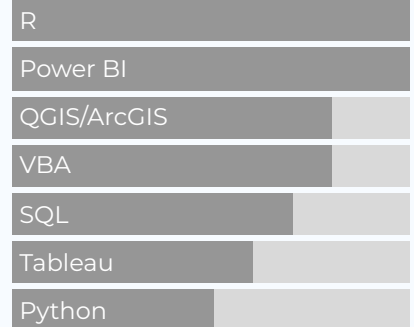Brookfield East High School
📍 Milwaukee, WI, US

- Senior year exchange in an American high school

CONTACT

- ✉ Email
- GitHub
- in LinkedIn
- Twitter

IT SKILLS

- R
- Power BI
- QGIS/ArcGIS
- VBA
- SQL
- Tableau
- Python

💼 EXPERIENCE

current | 2018

Consultant, Fisheries and Aquaculture Statistics
FAO of the UN   📍 Rome, IT and Barcelona, ES

- Produced data visualisation (R, PowerBI, Tableau, QGIS) for official FAO publications and presentations at major international events (including COP25)
- Streamlined and increased automation in the management of the fisheries and aquaculture employment database. Created a comprehensive R application to perform data imputation on the joint FAO-OECD employment database.
- 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)

2018 | 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.

2014 | 2014

Intern
Umicore   📍 São Paulo, BR

- 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.

2014 | 2012

Head of Quality
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.

🖩 PUBLICATIONS

2022 ● **The State of World Fisheries and Aquaculture 2022**
FAO

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

2020 ● **The State of World Fisheries and Aquaculture 2020[1]**
FAO

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

2020 ● **Agricultural Outlook 2020–2029[2]**
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[3]**
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[4]**
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[5]**
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**[6]
DataCamp   📍 Online
· 22-courses, 88-hours Data Science course covering data importing, cleaning, manipulation, visualization, and machine learning through video lectures, case studies and skills assessments.

2020 ● **The Complete SQL Bootcamp 2020**[7]
Pieran Data on Udemy   📍 Online
· Fundamental SQL training with PostgreSQL.

2019 ● **Geographic Information Systems Specialization**[8]
UCDavis on Coursera   📍 Online
· Comprehensive certification (24 weeks) covering basic to advanced GIS concepts and practice with ArcGIS.

2013 ● **Blue Economy Summer School**[9]
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://www.fao.org/documents/card/en/c/ca9229en
2: https://www.fao.org/documents/card/en/c/ca8861en
3: https://ciencias.ua.es/en/estudios/master-s-degrees/master-s-degree-in-sustainable-fisheries-management.html
4: https://edu.iamz.ciheam.org/FisheriesStatistics/en/
5: https://unstats.un.org/bigdata/events/2019/hangzhou/default.asp
6: https://www.datacamp.com/statement-of-accomplishment/track/39d31ef91df740364846adb89553e8982e7b6f1c
7: https://www.udemy.com/certificate/UC-c2df9da0-c89d-46dd-8d18-a965cfd60bd1/
8: https://www.coursera.org/account/accomplishments/specialization/YMXZX56YJHPW
9: https://drive.google.com/file/d/1Gk5CLV40EUQQ6ofqBDMEDxHtRsECt6O_/view?usp=sharing