PIERRE-AMI MAUDOUX

Environmental economist with strong data science skills and over five 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 | 2018

Statistician/Economist
FAO of the UN 📍 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 | 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.
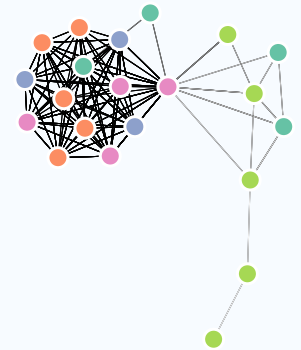
2014 | 2014

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.

View this CV online with links

CONTACT

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

IT SKILLS

Skill
R
Power BI
QGIS/ArcGIS
SQL
VBA
Tableau
Python

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.

🎓 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

2009 | 2003

High school degree
Collège Saint Joseph

📍 Chimay, BE

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

📰 PUBLICATIONS

2024 ● **The State of World Fisheries and Aquaculture 2024[1]**
FAO

· Co-author: "Employment in fisheries and aquaculture" section.
· Co-author: "Fishing Fleet" section.

2023 ● **2020 Yearbook of Fishery and Aquaculture Statistics[2]**
FAO

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

2022 ● **The State of World Fisheries and Aquaculture 2022[3]**
FAO

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

2020 ● **The State of World Fisheries and Aquaculture 2020[4]**
FAO

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

2020 ● **Agricultural Outlook 2020-2029[5]**
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[6]**
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[7]**
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**[8]
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**[9]
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**[10]
Pieran Data on Udemy   📍 Online

· Fundamental SQL training with PostgreSQL.

2019 ● **Geographic Information Systems Specialization**[11]
UCDavis on Coursera   📍 Online

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

2013 ● **Blue Economy Summer School**[12]
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