

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
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2015

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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
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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
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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
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2009

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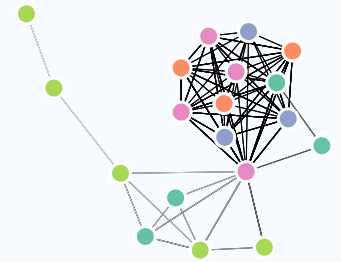
Rotary Youth Exchange Program
Brookfield East High School📍 Milwaukee (WI), US

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

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High school degree
Collège Saint Joseph📍 Chimay, BE

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

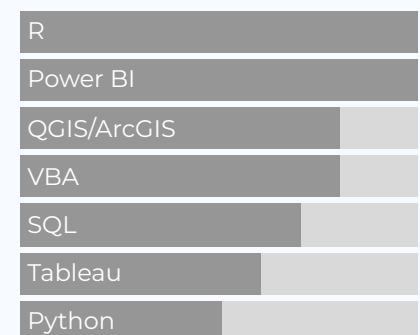


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CONTACT

-  [Email](#)
-  [GitHub](#)
-  [LinkedIn](#)
-  [Twitter](#)

IT SKILLS



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

Last updated on 23/04/2022.



EXPERIENCE

current
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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
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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.

2014
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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
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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 2020¹**
FAO
- Co-author: “Fish utilization and processing” section.
 - Co-author: “Fisheries and aquaculture projections” section.
- 2020 ● **Agricultural Outlook 2020–2029²**
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 Management³**
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 Systems⁴**
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 Statistics⁵**
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 Track⁶**
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 2020⁷**
Pieran Data on Udemy 📍 Online
• Fundamental SQL training with PostgreSQL.
- 2019 ● **Geographic Information Systems Specialization⁸**
UCDavis on Coursera 📍 Online
• Comprehensive certification (24 weeks) covering basic to advanced GIS concepts and practice with ArcGIS.
- 2013 ● **Blue Economy Summer School⁹**
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