







Emanuel Fusinato

Date of birth: 23/11/1993

Nationality: Brazilian

Gender: Male

CONTACT

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ABOUT ME

I am a highly motivated and results-oriented individual with a strong desire for continuous learning and professional development. I am seeking a challenging role where I can contribute my skills and experience to make a positive impact. My adaptability and flexibility allow me to thrive in dynamic environments and embrace new challenges. I am passionate about sustainability and human rights and eager to contribute to organizations that align with these values.

EDUCATION AND TRAINING

02/07/2021 – 02/07/2023 Porto Alegre, Brazil

M.Sc. Water Resources and Environmental Sanitation Universidade Federal do Rio Grande do Sul

Modules:

- Water resources management;
- Applied Hydrogeomorphology for Prevention of Hydrological Disasters
- Remote Sensing Applied to the Terrestrial Hydrological Cycle
- Erosion and Sedimentation
- Statistical Hydrology
- Physical Hydrology
- Seminars I and II

Website <http://www.ufrgs.br/ppgiph> | **Thesis** Assessing the impact of public policies on the safe development paradox in Presidente Getúlio municipality - Brazil (<https://lume.ufrgs.br/handle/10183/267928>)

26/03/2020 – 30/07/2022 Curitiba, Brazil

Environmental law specialist UFPR

Level in EQF EQF level 7

18/07/2013 – 22/07/2018 Ibirama, Brazil

B.Sc. Sanitary Engineering Universidade do Estado de Santa Catarina

Level in EQF EQF level 6

23/07/2015 – 27/05/2016 Dublin, Ireland

Academic Exchange - Science Without Borders Programme - B.Sc. Environmental Health Dublin Institute of Technology

In 2015-2016, I participated in an academic exchange through the Science without Borders program. During my time at the Dublin Institute of Technology, I completed the following modules of the Environmental Health programme:

- Environmental Health Protection
- Air Quality and Energy
- Public health
- Environmental Health Management
- Food safety and safety systems
- Food safety
- Health promotion
- Environmental Health microbiology
- Environmental protection

Level in EQF EQF level 6

WORK EXPERIENCE

01/04/2024 – 30/08/2024 Porto Alegre, Brazil

Educational content developer Uniasselvi

Designed and delivered a 6-hour undergraduate Biology course titled 'The Wealth of Life on Earth and the Challenges of Sustainability.' Responsibilities included developing course materials, recording lectures, and assessing student learning.

01/10/2024 – CURRENT Porto Alegre, Brazil

Lecurer Unyleya Educacional

Developed educational content and taught for online courses in Crisis Management and Contingency Planning (40 hours) and Emergency and Disaster Planning and Management (40 hours) for a postgraduate program in Environmental Risk and

Emergency Management. Responsibilities included creating study materials, assessments, and recording lectures.

30/01/2024 – 31/12/2024 Florianópolis, Brazil

GIS Analyst - Freelance Life Ambiental Engenharia e Consultoria LTDA

Provided GIS support for a municipal project, conducting spatial analysis and producing thematic maps to identify and delineate permanent preservation areas.

22/01/2024 – CURRENT Porto Alegre, Brazil

Sanitation inspector Agência Reguladora Intermunicipal de Saneamento do Rio Grande do Sul (AGESAN-RS)

- Inspecting water treatment facilities and wastewater treatment plants
- Monitoring water quality and wastewater quality
- Investigating complaints about sanitation services
- Enforcing regulations
- production of reports

(40 hours/week)

20/07/2023 – 20/09/2023 Rio do Sul, Brazil

Lecturer Uniasselvi

Lecturer for the module on "One Health" (Human, Animal, and Environmental Health) for environmental education specialization course at Rio do Sul and Joinville campuses.
Provided guidance and mentorship to students as an advisor for their final environmental education course projects.

28/07/2018 – 09/09/2022 Ibirama, Brazil

Project Quality Director Integral Soluções em Engenharia

Quality Director in the Environmental Projects for Public Administration and Land Tenure Regularization sectors

Activities:

- Project management
- Team management (up to 10 people)
- Resource management
- Client contact
- Product presentation

1. Environmental Projects for Public Administration Sector

- Coordination of the sector
- Development of projects as a sanitary engineer
- Quality control of projects

Projects:

- Technical Socio-Environmental Study for Land Tenure Regularization
- Municipal Atlantic Forest Plan
- Municipal Basic Sanitation Plan
- Municipal Contingency Plan
- Municipal Land Regularization Plan
- Degraded Area Recovery Program

2. Land Regularization Projects Sector

- Coordination of the sector
- Development of land regularization projects

Projects:

- Collection of personal and territorial documents
- Documentary analysis
- Preparation and development of planialtimetric survey and cadastral survey
- Identification of the informal urban nucleus
- Preliminary study of legal, urban, and environmental non-conformities;
- Urbanistic project
- Descriptive memorials
- Proposal of environmental and urbanistic solutions
- Disaster risk reduction study
- Environmental study
- Schedule for improvements

Highlights:

- Experience in management and development of long- and short-term projects
- Presentation of public hearings
- Training of internal and external teams
- Contacts with the public sector and prosecutors' offices.

30/05/2013 – 30/06/2015 Ibirama, Brazil

University teaching assistant Universidade do Estado de Santa Catarina

Calculus I and II Modules (06/2013 - 12/2014) and Fluids mechanics module (01/2015 - 06/2015) - Undergraduate Teaching Assistant

15/12/2020 – 31/07/2021 Ibirama, Brazil

English teacher Influx

30/01/2018 – 18/12/2018 Ibirama, Brazil

Intern Ibirama Municipality

- General office activities;
- Participation in inspections and audits;
- Preparation of reports, technical opinions, descriptive reports, official letters, and internal communications;
- Customer service;
- Preparation of materials for lectures, classes, and training sessions on civil defense;
- Preparation of a proposal for the restructuring of the Civil Defense Section of the Municipal Master Plan;
- Restructuring of the Contingency Plan;
- Participation in the "My School is Safe" disaster risk reduction education program for children in the 4th grade of municipal schools.

04/07/2017 – 18/12/2017 Ibirama, Brazil

Intern Doutor Waldomiro Colautti Hospital

Restructuring of the Health Service Waste Management Plan:

- Characterization of the establishment;
- Diagnosis of waste generation, waste routes in the establishment and final disposal;
- Development of proposals and goals, implementation, and training in relation to the management and handling of waste generated on site;
- Training of the hospital team on good waste management practices;
- Presentation of the plan to the hospital managers.

27/02/2017 – 13/12/2017 Ibirama, Brazil

University teaching assistant Universidade do Estado de Santa Catarina

Hydraulics Module - Undergraduate Teaching Assistant

23/05/2016 – 22/07/2016 Dublin, Ireland

Academic Exchange - Science Without Borders Programme - Internship Period Greenstreets Environmental Resources Ltd

2-month internship at a company during the academic exchange period through the Science without Borders Program (07/2015-08/2016). Activities developed:

- Screening and management of energy accounts for carbon emission determination;
- Execution of calculations and data analysis using software such as Excel and others;
- Market research and mapping of potential customers;
- Research on packaging compliance systems and energy efficiency regulations, both at national (Ireland) and European level;
- Assistance with office management elements.

REVIEWING

11/2024 – CURRENT

Journal of Flood Risk Management

Reviewing for the Journal of Flood Risk Management

Link <https://www.webofscience.com/wos/author/record/ADP-2614-2022>

LANGUAGE SKILLS

MOTHER TONGUE(S): Portuguese

Other language(s):

English

Listening C1

Spoken production C1

Reading C1

Spoken interaction C1

Writing C1

Spanish

Listening A2

Spoken production A1

Reading A2

Spoken interaction A1

Writing A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Microsoft Office Suite

Advanced knowledge of the Microsoft Office Suite, especially Microsoft Word, Excel, PowerPoint, Outlook, and OneDrive.

Microsoft Word:

- Proficient in creating and formatting complex documents, such as technical reports, contracts, and scientific papers, including the generation and use of images, graphs, and tables.

Excel:

- Proficient in using advanced formulas and features such as macros for efficient data analysis.

PowerPoint:

- Creation of creative and impactful presentations tailored to the audience.

Outlook:

- Skilled in managing calendars and contacts, and organizing emails.

OneDrive

- Skilled in managing documents and files.

Geographic Information Systems (GIS)

Advanced knowledge of geoprocessing tools. Experience in the production of geographic information - remote sensing, manipulation of vector and raster data, elaboration of thematic maps, and interpretation of geographic information.

Software:

- ArcGIS (Advanced);
- Google Earth (Advanced);
- Google Earth Engine (Intermediate);
- QGIS (Advanced).

Data Science

Programming Languages:

- C++ (Basic);
- Java (Basic);
- Matlab (Intermediate).

Data Analysis & Visualization:

- IBM SPSS Statistics (Data Analysis, Statistical Testing, Visualization) (Intermediate)
- Octave (Statistical Analysis, Visualization) (Intermediate)

Computer-Aided Design (CAD)

Intermediate knowledge of computer-aided design tools. Ability to create georeferenced projects.

Software:

- AutoCad (Intermediate).

COMMUNICATION AND INTERPERSONAL SKILLS

Social and Communication Skills

Good communication skills with the general population, clients, managers, and member of public agencies such as city halls, judiciary, specifically the public prosecutor's office.

Presentation Skills

- Skilled in delivering presentations, trainings, and conducting meetings and public hearings for different audiences and different purposes
- Ability to tailor presentations according to the audience
- Good public speaking skills
- Ability to use visual aids effectively
- Ability to answer questions effectively

Competence in conducting scientific interviews

- Skilled in organizing and conducting interviews with different audiences for scientific purposes
- Ability to develop interview protocols
- Ability to build rapport with interviewees
- Ability to ask probing questions
- Ability to analyze interview data

Multidisciplinary Team Management

- Skilled in managing multidisciplinary teams
- Ability to define and track team goals
- Ability to delegate tasks effectively
- Ability to motivate and inspire team members
- Ability to resolve conflicts

DRIVING LICENCE

Driving Licence: A

Driving Licence: B

CONFERENCES AND SEMINARS

Conferences and seminars

- IV END - National Meeting on Disasters of ABRHidro. Curitiba-PR 2024. 35 hours.
- 2nd Workshop on the Application of Nature-Based Solutions (SbN) in urban water management. Florianópolis-SC. 8 hours.
- III END - National Meeting on Disasters of ABRHidro. Niterói-RJ 2023. 35 hours.
- Fourth European Conference on Risk Perception, Behaviour, Management and Response (ECRP23). Bucharest - Romania (Online) 2023. 4 hours.
- Hydrological disasters in the Itajaí basin. Rio do Sul-SC 2022. 4 hours.
- Training in Management of Health Service Waste and its Potential Risks to Health and the Environment; Elaboration of the Health Service Waste Management Plan - PGRSS. Blumenau-SC 2017. 4 hours.
- Santa Catarina Sanitation Congress. Florianópolis-SC 2017. 16 hours.
- 1st Sanitation Forum of the Itajaí Valley. Ibirama-SC 2017 (Seminar)
- 2017 Sanitary Engineering Academic Week. Ibirama-SC 2017. (Seminar)
- International Seminar on Advanced Technologies for Water and Wastewater Treatment. Curitiba - PR, 2017. (Seminar)
- Irish Natural Organic Matter & Trihalomethanes Workshop. Galway - Ireland, 2016. (Trade Fair).
- 2016 Sanitary Engineering Academic Week. Ibirama-SC, 2016. (Seminar).
- 25th AESabesp Technical Meeting - National Sanitation and Environment Congress. São Paulo - SP, 2014. (Congress).
- Santa Catarina Seminar on Sustainable Technologies for the Use of Sludge from Wastewater Treatment Plants. Florianópolis-SC, 2014. (Seminar).
- Environmental Monitoring: focusing on water, wastewater and food. Blumenau-SC, 2013. (Seminar).

SOCIAL AND POLITICAL ACTIVITIES

CURRENT Ibirama, SC

Associação Ricordi D'Italia - Member

The civil organization Associação Ricordi D'Italia, has as its main activity the activities of associative organizations linked to culture and art, especially the promotion of the traditions and culture of Italian immigrants and settlers who settled in the Alto Vale do Itajaí.

Activities consist of promoting cultural dinners, participating in cultural events, and promoting culture through interviews and participation in radio programs.

04/2017 – 02/2020 Ibirama, SC

● **Conselho Municipal de Saneamento de Ibirama/SC (COMUSA) - Representative of the organized civil community**

Councilor representing a civil organization with deliberative and advisory functions regarding the Ibirama municipality (Brazil) sanitation policy. In addition, the councilor activities also included monitoring the sanitation service goals and promotion of sanitation studies.

2013 – 2014 Florianópolis/SC

● **Conselho de Ensino, Pesquisa e Extensão (CONSEPE/UDESC) - Undergraduate Student Representative of UDESC/Ibirama**

Councilor representing undergraduate students in the deliberative body of the Universidade do Estado de Santa Catarina (UDESC) on matters of teaching and research.

HONOURS AND AWARDS

27/07/2018 UDESC

● **Academic performance recognition**

Award for Top Academic Performance in Undergraduate Studies