ANNA SEGARRA i BOVÉ

Chemist | Water Resources | Environmental Technology | Technical Support

Girona, Catalonia, Spain **anna.segarra.prof@gmail.com** **Web:** https://annasegarra.github.io

PROFESSIONAL PROFILE

Chemistry graduate with a Master's degree in Water Science and Technology and experience in environmental management, water resources and public-sector projects.
Experience in environmental monitoring, regulatory compliance, technical reporting and project coordination, as well as providing technical guidance and support to public administrations.
Analytical, organised and autonomous, with strong technical skills, adaptability to digital tools and experience communicating technical information to different stakeholders.

KEY SKILLS

- Water Resources and Environmental Management
- Environmental Sustainability and Integrated Management Systems (ISO Standards)
- Regulatory Compliance and Technical Reporting
- Environmental Monitoring and Water Quality
- Groundwater and Hydraulic Modelling
- Data Analysis and Interpretation (R, Python, GIS)
- Project Management and Follow-up
- Technical Support, User Guidance and Stakeholder Coordination
- Digital Platforms and Software Applications
- Problem-solving, Organisation and Autonomy

PROFESSIONAL EXPERIENCE

TRAGSATEC (Grupo TRAGSA – Spanish Public Sector)

PRTR Project Technician & Coordination

2024 – Present | Public Administration and Environment

- Provide technical support and guidance to local authorities in the management of projects funded by the Recovery, Transformation and Resilience Plan (Next Generation EU).
- Monitor grants, deadlines and regulatory requirements, supporting the technical and financial reporting of projects.
- Coordinate with local, regional and national public administrations.
- Support the use of digital project management and monitoring platforms, particularly CoFFEE.

Consorci d'Aigües Costa Brava Girona / Aigües de Catalunya

Management Systems Technician -Water Quality

2023 – 2024

- Support water quality monitoring and regulatory compliance in drinking water supply systems.
- Provide technical support for integrated management systems, including ISO 9001, ISO 14001, ISO 14064-1, ISO 45001 and ISO 50001.
- Contribute to environmental and quality management procedures.

Catalan Water Agency (ACA) – Generalitat de Catalunya / SORELLÓ

Environmental Inspector

2015 – 2016 | Girona Coast

- Conducted environmental inspections, beach monitoring and water sampling.
- Monitored environmental parameters and prepared technical reports.
- Coordinated activities with local and regional administrations.

Consejo Superior de Investigaciones Científicas (CSIC) – ICMAB

Researcher / Project Scientist

2015 – 2019 | European Research Project

- Developed sustainable sodium and magnesium battery prototypes for renewable energy storage.
- Conducted experimental testing, analysed data and prepared technical reports.

ANABIOL Laboratories

Deputy Laboratory Manager

2003 – 2013 | Food, Water and Environmental Analysis

Microbiology Department

- Sample processing and preparation of culture media.
- Microbiological analysis of drinking water, food products and veterinary samples, including Legionella.
- Microbiological quality control and support for sanitary control procedures.
- Participation in food alert management, investigation of microbiological incidents and preparation of analytical reports.

Chemistry Department

- Physicochemical analysis of soil, water and food products using a wide range of analytical techniques and laboratory equipment, including HPLC, GC, GC-MS, continuous flow analysis, UV-VIS spectrophotometry, atomic absorption and flame emission spectroscopy.
- Laboratory equipment management, including calibration.
- Development and validation of analytical methods and preparation of standard operating procedures (SOPs).
- Laboratory waste management and analytical reporting.
- Staff supervision, task planning, team coordination, technical problem-solving and client communication.

Fundació Bosch i Gimpera – University of Barcelona

Researcher

2002 – 2003

- Research and development project focused on water-based paints with reduced environmental impact.

LLUVERAS, S.A

Laboratory Technician

2001 – 2002

- Quality control and physicochemical analysis.

EDUCATION

2026 Soil Contamination – SEPE (30h)

2023 **Postgraduate Diploma in Data Science: Applications in Biology and Medicine (R i Python**) – University of Barcelona (225h)

2014 **Master's Degree in Water Science and Technology** – University of Girona

Project: *Biofilm response to increases in ammonium concentration in urban rivers: an approach with mesocosms* (CEAB-CSIC)

2003 Food Quality Control, Environment and Occupational Risk Prevention (600 h)

2002 **Bachelor's Degree in Chemistry – University of Barcelona**

LANGUAGES & DIGITAL SKILLS

Languages: Catalan (native, C1 certified) · Spanish (bilingual) · English (B2 certified, currently studying C1**)**

Digital tools: Microsoft Office·R·Python·GIS·MATLAB·MODFLOW· HEC-RAS·LIMS·GICA0·NAVIA·CoFFEE.

ADDITIONAL INFORMATION

Driving licence (B) · Own vehicle