

# BIOCHEM-ENV

## The environmental biochemistry for Research

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### GENERAL CONTEXT

The platform **Biochem-Env** is a technical platform supported by the project ANAEE-F and dedicated to the study of continental ecosystems, terrestrial and aquatic.

The platform **Biochem-Env** represents a strategic service for analysing ecosystems (soil, sediment, macrofauna) in the field of environmental biochemistry. Its equipment allows an increase of the analytical throughput, based on robotics, as well as on standardized protocols.



L2 laboratory

INNOVATION FOR ENVIRONMENTAL BIOCHEMISTRY  
 Feasibility study, help for project building.



Robotisation of experimentations



Membrane components as a tool to differentiate sites of evidence stresses

**Lipidic indicators**

**Metabolism**

Carbon mineralization and O<sub>2</sub> gradient after irrigation for 80 years

**Biomarkers and metabolic indicators**

Catalase, AChE, Lipids

Enzymatic activities of biogeochemical cycles

Enzyme Pool Size of Guanine, Inosine, Uric Acid

S, C, P, N

Soil and sediment environment, and biological functioning of soils

### EXEMPLES of APPLICATIONS



#### TEAM

- 1 Engineer
- 2 technicians
- 3 scientific experts
- 3 GHSE experts
- 1 IT specialist



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# Environmental Biochemistry

**M Woodhall**



## **Environmental Biochemistry:**

## **Environmental Biochemistry** Book Review: Unveiling the Magic of Language

In a digital era where connections and knowledge reign supreme, the enchanting power of language has become more apparent than ever. Its ability to stir emotions, provoke thought, and instigate transformation is really remarkable. This extraordinary book, aptly titled "**Environmental Biochemistry**," written by a highly acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound effect on our existence. Throughout this critique, we shall delve into the book's central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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