

Terr Oïko



NEW TECHNOLOGIES
AND ECOLOGICAL ENGINEERING
FOR BIODIVERSITY MANAGEMENT

We offer our clients

devellopers,
local authorities, natural
areas managers and
environmental consultants

Digital solutions for the study and management of biodiversity

ABOUT TERROÏKO

*TerrOïko is a innovative
company in the field
ecological engineering.*

*Founded in 2012 by two
doctors of science
ecological, TerrOïko
develops news technologies
applied to biodiversity
and inspired by the best
scientitifc advances.*

*TerrOïko's solutions are
applicable in sectors of
the following activities:*

- ◆ Infrastructures
- ◆ Industrial
and urban projects
- ◆ Landscape planning
- ◆ Renewable energies
- ◆ Public policies
environmental assessment
- ◆ International scientific
cooperation

OUR STRENGTH



Combine expertise in scientific ecology, digital skills
and concrete know-how in the implementation
of engineering projects.

OUR OBJECTIVE



Select the best tools and methods to improve
the consideration of biodiversity in your activities
and ultimately secure your projects.



TerrOïko is a member of



UPGÉ



OUR TECHNOLOGIES

GOALS

Securing projects
Cost benefit analysis
Facilitated consultation
of stakeholders



*SIMOÏKO SIMULATES
HOW SPECIES LIVE IN A TERRITORY.*

Simulator for biodiversity

SimOïko is a digital service that identifies sites of ecological importance for the life of species and assesses the effect of projects on their populations and movements. Reliable, precise and economical, SimOïko carries out ecological diagnoses that support your decisions.



Depending on your identified needs, SimOïko offers flexibility that allows the modeling to be adapted to your needs.

Main features

Ecological realism
Objectivation
Prospective vision
Fine diagnosis on a large scale

DEVELOPED AND ENRICHED
SINCE 2012 BY TERROÏKO, SIMOÏKO
IS OPERATED ALL OVER FRANCE:

Type of mission :

-  Industrial and urban development
-  Renewable energies
-  Natural areas
-  Infrastructure
-  Landscape planning
-  Public policy environmental assessment
-  Research



MAIN USES

Strategy

- Land prospecting
- Planning

Regulatory

- Environmental Impact Assessment
- urban planning document
- Mitigation hierarchy

Conservation programs

- Action plan
- Project evaluation

Research

- Ecological modelling

OUR SERVICES

GOAL

Strengthen your strategic role
Reduce production costs
Provide the best quality of information

CONSULTING IN THE DESIGN OF TOOLS & METHODS

Do your needs cover the challenges of managing and analyzing environmental data or even the design of digital tools?

TerrOïko assists you in all stages of your project :

- 1 Definition of the needs and associated technological choices
- 2 Design of ecological indicators and metrics
- 3 Project management and monitoring
- 4 Implementation of media for your users

Our technological skills

- Database
- Modelling
- Artificial intelligence
- Data mining
- Data visualization
- Statistics
- web applications
- Software design

More innovations

A catalyst for technology transfer, TerrOïko engages in numerous collaborations with laboratories and companies.

Find our R&D programs on terroiko.fr



ACTION-RESEARCH SUPPORT

A true incubator of ideas, TerrOïko structures, coordinates and carries out innovation and research - action programs with private and public actors.

OUR SUPPORT

- ◆ Analysis of the issues and development of the research strategy
- ◆ Identification of laboratory partners
- ◆ Development of regional to European projects
- ◆ Carrying out research actions
- ◆ Transfer and industrialization of research results

OUR ADVANTAGE

With the dual role of environmental consultants and R&D engineers, our team has its feet firmly rooted in reality ! This guarantees that your work will be directly exploitable by your operational teams.



SOME KEY FIGURES

4 PhD
2 European projects
3 national projects
10 international publications





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