

NEWAL Project Grants 2023

Project Factsheet



NEWAL
Network for Water & Life

Project title Assessment of pesticide pollution in the waters of the Loka (Sakassou department)

Country Ivory Coast

Target SDGs Water, Health

Partner Institution Universié Felix Houphouet-Boigny

Background

In Sakassou, irrigated rice farming is practiced on both sides of the Loka River, where farmers use large amounts of pesticides. In order to assess the level of water pollution, laboratory analysis of water samples is required to determine the pesticide concentration of the water in the study area.



Project goal

The aim of this project is to determine the level of pesticide pollution in the waters of the Loka. The concentrations determined will reflect the impact of pesticide misuse and encourage each party to use pesticides more responsibly.

Target population and how they are impacted

The target population for this project is mainly the population of the Sakassou department (farmers from the Loka rice field and villagers from the surrounding villages). The project will use the results of the analyses to determine the actual level of contamination of the Loka water and to put an end to the consumption of Loka water during field work. This will have a significant impact on the health of the department's farmers who have been using these waters.

How the project sustainability is ensured

The sustainability of the project is ensured by the National Agency for the Support of Rural Development (ANADER), which is the governmental structure in charge of disseminating good agricultural practices on the Ivorian territory.

Business opportunity that can result from the project

The commercial opportunities that may result from the project are as follows: Marketing these results to private entities or individuals.

Main applicants



Konan
Kouame Jean-
Paul
Principal
applicant
Ivory Coast

Advisor



Kouassi
DONGO
UFHB/CSRS
Professor
Ivory Coast