

PEOPLE'S DEMOCRATIC REPUBLIC OF ALGERIA
MINISTRY OF HIGHER EDUCATION AND SCIENTIFIC RESEARCH

DOCTORAL TRAINING OFFER

Institution to be accredited

Setif 1 University Ferhat Abbas

Sector	Domain
Ecology and environment	SNV

Institution	Faculty	Department
Setif 1 University	SNV	Ecology and Environment

2- Objectives assigned to doctoral training

- Objectives related to trainer training

This training project aims at research, development, and training supporting Master's and engineering students in the various specialties of ecology and environment, included in national and international university training offerings. The objective is to train teachers in the various specialties of ecology and environment in order to fill the gap, as the need for them is very significant, and to ensure quality supervision for graduate students. To this end, doctoral students must be taught diverse skills and new, cutting-edge techniques, and involve them in teaching, seminars, and internships. Doctoral students must be well-trained for easy integration into the professional world. Finally, during the completion of their thesis projects, doctoral students' skills must be developed and leveraged, enabling them to integrate flexibly into research units, training institutions, and the socioeconomic sector. - Scientific and Technological Objectives

Basic research provides solid training through the development of sound reasoning skills, as well as the development of students' abilities to map out logical strategies based on scientific foundations in order to pose problems and propose solutions with appropriate and suitable protocols. On a practical level, these areas of research are of great importance and contribute to solving several problems and developing techniques and applications that will have definite socioeconomic impacts.

- Socioeconomic Objectives

Doctoral training will help create a high-level scientific environment to contribute to the production of new knowledge essential for the growth of the national economy. The Northeast Region of the Algerian Highlands is a very important economic and agricultural hub. All of these elements are of economic interest due to their broad geographical distribution. The primary goal of the program is to develop local training and research capacities through the completion of doctoral theses covering several areas of ecology and the environment. The project also aims to implement techniques to promote the development of targeted, real-world treatments.

The objectives are summarized in the following points:

- Provide research training through high-level teaching, based on the development of courses and the organization of joint or topic-specific seminars, thus allowing doctoral students to meet and share their experiences.
- Conduct research in host laboratories, training specialists to conduct cutting-edge research using a multidisciplinary approach to help address the many socio-economic challenges facing our country.
- Promote science in a topical field, combining theory, observation, experimentation, and modeling by providing complementary information directly linked to the development of science and technology in the field of ecology and the environment.
- Interpret the analyzed data and propose perspectives. Manage the preparation of a doctoral thesis under the supervision of experienced researchers. - Training researchers capable of communicating effectively and concisely in English at seminars and conferences.
- Acquiring autonomy and teamwork.

The specialties covered by this training are:

Ecosystem Protection

Ecology and Environment