



UNIVERSITÀ DEGLI STUDI DI TORINO

ID

VP147_DIP_BIOS

Visiting Professor Program Academic year 2022/2023

TEACHING COMMITMENT: 16 hours

COURSE TITLE

Plant biodiversity conservation: international projects.

TEACHING PERIOD

2nd term

SCIENTIFIC AREA

Environmental and Applied Botany

LANGUAGE USED TO TEACH

English and Italian

COURSE SUMMARY

Human activities are driving global climate and environmental changes. This is causing the rapid extinction of plant diversity that marks a global threat to many rural and urban communities, which are based on ecosystem services provided by plants.

In this course, based on the reasons of the conservation of plant species, a series of important Conservation Projects will be described and discussed. The focus of the projects will be on plant services and on plant conservation communication and management.

LEARNING OBJECTIVES

- The students will have to increase their knowledge on the reasons for the conservation of plant species which provide several services for their uses as food, medicine, tissues, colors, perfumes or for the ecosystem services they provide for the environment and for culture;
- The students will have to open their mind on the needs of people in countries far from Europe, where the conditions are different as for agriculture, industries, water and food availability.
- The knowledge of the useful plant species and of the use of wild species will make the students think of their life style and of the relationships we have with nature. Which are the plant species

used in a normal day during the winter? Which species during the other seasons? Are they cultivated or wild? Where are these species cultivated?

The students will discuss the project approach, its aims and the communication plan.

TUTORSHIP ACTIVITIES

N/A

LAB ACTIVITIES

N/A

OTHER ACTIVITIES BESIDES THE COURSE

2 Seminars on other courses. 1 conference for PhD students and colleagues.

VISITING PROFESSOR PROFILE

The professor should have a good knowledge and experience of several Plant Conservation projects, carried out in many areas of the world and aimed at including the local human communities, in order to focus on a long lasting good practices management of plants and nature.

CONTACT PERSON AT THE DEPARTMENT

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