UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Acoustics Applied to the Environment: Soundscape as Environmental Quality Index

2324-1-124R039

Title

Acoustics Applied to the Environment: Soundscape as Environmental Quality Index

Teacher(s)

Giovanni Zambon

Language

English

Short description

The concept of soundscape will be applied to terrestrial and marine habitats through the analysis of both natural (geophonies and biophonies) and non-natural sounds (anthrophony, that is the complex of sounds produced by human activity). Topics dealt with during this course include: Introduction to soundscape as index of environmental quality; Bio-acoustic indices; Introduction to “R” program and data analysis; Computation of indices performed in “R” environment; Analysis and interpretation of the results.

CFU / Hours

1 CFU - 8 Hours (Lecture)

Teaching period

II semester: 21st, 22nd, 28th, 29th of February 2024 - (9:30-11:30)

Sustainable Development Goals