UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Online Tools for Atmospheric Research (Intercurricular)

2223-94R-SCGA04

Title

Online tools for atmospheric research

Teacher(s)

Samuel Albani

Language

English

Short description

Introduction to the use of free online software in support to atmospheric research: HYSPLIT, a simple, extensively used atmospheric transport and dispersion model. The model can be run interactively on the Web, or the code

executable and meteorological data can be downloaded to a Windows or Mac PC.

Two introductory lectures on the theoretical bases and possible applications (2 hours each) will be followed by 3 practical sessions in the computer lab (2 hours each).

Evaluation: YES - presentation of a case study

CFU / Hours

1 CFU - 10 Hours (4h lecture - 6h laboratory training)

Teaching period

II semester

Sustainable Development Goals

CLIMATE ACTION