UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Ecosystem services (Curricular - Environment)

2223-94R-SCGA31

Titolo

Ecosystem services

Docente(i)

Emilio Padoa-Schioppa ; Ioannis Vogiatzakis

Lingua

English

Breve descrizione

The course will provide a complete framework on ecosystem services.

Discussions on selected papers and case study will be carried out during the course

OUTLINE

The ecosystem-based approach

The relation between biodiversity and Ecosystem services]

From Millennium Ecosystem Assessment to *Common International Classification of Ecosystem Services* (*CICES*) and classification of Ecosystem assessment

Ecosystem assessment at the national level: the case of Cyprus

Water Energy Food Nexus

The Use of PEWI for spatial planning of Ecosystem Services

The TESSA framework for rapid Ecosystem Services assessments

Mapping Ecosystem Services

The course style will be process-oriented and interactive. Theoretical inputs will be followed by exercises, partner work, role-plays, case studies and group-work, when appropriate. Each lesson will have focus on specific topic, with hooks with all the others. The language and the level of details will be tailored to the specific needs of the actual audience; in case of lack of basic elements or knowledge, these will be provided either by the lecturer or by providing PhD students with specific documents. During the lessons participants will receive references to the literature needed and vison papers, as well as suggestions of relevant platforms and websites that can be useful.

Target audience: PhD students with not specific knowledge or skills in ecosystem services, but that are interested in understanding how this transdisciplinary approach can leverage the change of paradigm needed to match sustainability goals.

Evaluation: YES - Activity during the course

CFU / Ore

2 CFU - 16 Hours (Lecture)

Periodo di erogazione

January 2023 (students interested needs to write to professor Emilio Padoa-Schioppa before the day 15 November 2022 and if the course will be activated an e-mail will be sent to interested students before the day 20 November 2022)

NB Participants (min/max): 5-50 – The course will be active only if there are at least 10 Ph.D. students from UNIMIB

Sustainable Development Goals

SCONFIGGERE LA FAME | SALUTE E BENESSERE | ACQUA PULITA E SERVIZI IGIENICO-SANITARI | ENERGIA PULITA E ACCESSIBILE | IMPRESE, INNOVAZIONE E INFRASTRUTTURE | CITTÀ E COMUNITÀ SOSTENIBILI | CONSUMO E PRODUZIONE RESPONSABILI | LOTTA CONTRO IL CAMBIAMENTO CLIMATICO | VITA SOTT'ACQUA | VITA SULLA TERRA | PACE, GIUSTIZIA E ISTITUZIONI SOLIDE | PARTNERSHIP PER GLI OBIETTIVI