



MN5514 – MANAGING NATURAL RESOURCES

MODULE TYPE/ SEMESTER: Option (20 credits), Semester 2

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AIM:

This module examines managing natural resources with reference to three interlinked elements. First, there will be an examination of the issues that emerge from the challenges of managing for biodiversity, climate change and water resources. Second, there will be an examination of management practices and approaches to addressing these challenges. Third, there will be a critical consideration of common challenges that arise for organisations in these contexts. The module will also situate developments in managing natural resources in the context of transitions for sustainability.

LEARNING OUTCOMES:

By the end of this module, you should be able to:

1. Demonstrate understanding of key concepts in the management of biodiversity, water and carbon.
2. Demonstrate understanding of key issues associated with management of natural resources, from the perspective of management and organisations.
3. Explain and employ a variety of applications to support management of natural resources.
4. Critically reflect on the discussion of the complex ideas underpinning management of natural resources through different forms of communication.

METHOD OF TEACHING & LEARNING:

The module runs in weekly seminars

- Seminars in Weeks 1, 2, 4, 6, 9 and 11 are lecturer-led.
- Seminars in Weeks 3, 5, 8 and 10 will be **student-led**, where students present their presentations on a management practice/tool/approach (of their choice) aiming to address the week's topic.
- Please note that our seminars comprise interactive elements, i.e. 5-min poster presentations, Q&A sessions and discussion activities.

INDICATIVE WEEKLY OUTLINE:

Week	Topic
1	Introduction to module, terminology & teaching ethos
2	Biodiversity and ecosystems
3	Managerial tools for biodiversity preservation
4	Climate change and carbon management
5	Managerial tools for decarbonisation
6	Water resources & management
7	No seminar (reading week & assignment submission)
8	Managerial tools for water management
9	Issues & integration – Human-nature relation
10	Issues & integration – Alternatives for managing of natural resources
11	Wrap up, synthesis & revision

RESOURCES FOR THE MODULE:

Materials for the module will be available on the following virtual learning environments:

- **Moodle:** You will find information including but not limited to module outline, seminar resources (slides, videos, readings etc.), details of weekly seminars, reading lists, coursework submission sheets, coursework requirements, links to MMS for assignment submission and so on.
- **MMS:** You will submit one copy of each assessment via MMS.
- **Reading List:** please see the detailed module outline for a master record of resources associated with the module.

A WORD ABOUT THE READING LIST:

This module invites you to read literature, conduct independent research, and discuss concepts and developments in practice with other class members. In addition, the module provides an opportunity for you to think about the relevance (and possibly integrate) theories and literature from other modules that you've taken.

There are no books that fully engage with the issues that this module addresses. As a result, the 'topic by topic' reading list is drawn from diverse places with useful material coming from policy related literature as well as books and academic journals. Essential and recommended readings for each week are available on Moodle and in the [Electronic Reading List](#).

ASSESSMENTS:

There are three assessments in this module, on which each student will receive individual feedback:

- **Coursework 1:** A 2000-word individual essay (20%) due to be submitted (via MMS)

- **Coursework 2:** A 2500-word reflective essay on seminar participation and poster presentations (30%) to be submitted (via MMS)
- **Coursework 3:** A 2500-word individual essay (50%) to be submitted (via MMS)