IEST5001

Frameworks for Environmental Management

Term One // 2019

School of Humanities and Languages // UNSW Arts and Social Sciences

Course Overview

Staff Contact Details

Convenors

Name	Email	Availability	Location	Phone
A/Prof Tema Milstein	tema.milstein@unsw.edu.au	Please make an appointment via email	Morven Brown Building. MB364	

Lecturers

Name	Email	Availability	Location	Phone
Dr John Carr	john.carr@unsw.edu.au	please make appointment via email	Morven Brown Building. MB363	

School Contact Information

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Course Details

Credit Points 6

Summary of the Course

This course provides an introduction to the Master of Environmental Management program. You will gain an appreciation of the complex and trans-disciplinary nature of environmental issues and of the inherent challenges in multi-disciplinary approaches to environmental management. The emphasis is on exploring conceptual and practical frameworks and global strategies for adaptive environmental management. Starting from the premise of ""sustainable development goals"" as a current broadly-endorsed framework for environmental management, your exploration will include the development of the concepts of sustainable development and sustainability and problems in practically interpreting and implementing sustainability. You will encounter a range of relevant perspectives including for example Indigenous world views, philosophy and ethics, social justice, planning, economics, health sciences, ecology, media, and cultural approaches. You will explore the principles of sustainable development in their application, including governance responses to the ""sustainable development goals"" at different levels of government, by non government organizations, by corporations, and by professional organizations. You will encounter critiques of sustainability as a framework for environmental management, and explore alternative models, and possible solutions.

Course Learning Outcomes

1. Discuss the changing state of the environment and perspectives on current key environmental issues as influential factors in frameworks governing environmental management
2. Identify the key stakeholders and relevant disciplines for addressing specific environmental management issues and explain their relative roles and modes of participation
3. Take a holistic, interdisciplinary approach to analysing environmental management issues
4. Explain and critique the varying concepts of sustainability and sustainable development, giving due recognition to their many interpretations, and alternative concepts and frameworks
5. Identify barriers to sustainability deriving from a broad range of philosophical and ethical, administrative, legal, political, social and economic factors
6. Apply the principles of sustainability and discuss how governments, business and community organisations can implement sustainable development processes in given case study situations

Teaching Strategies

Through this course you will gain an understanding of the frameworks within which adaptive environmental management takes place. We will start by emphasising and exploring the complexity and nature of environmental management issues and the inherent challenges in interdisciplinary group approaches to environmental management and sustainability. Your group brings a wide variety of disciplinary backgrounds and professional and life experiences to these endeavours, as well as a wide spread of geographic backgrounds and experience both from within Australia and internationally. For on-campus students, discussions will be integrated into the 3-hour class time each week, while for distance students discussions will take place online. To provide background for this course we will briefly review current key environmental issues of concern including climate change, air and water pollution, loss of biodiversity and ecological integrity, as factors influencing the frameworks for environmental management, and consider trends in these. We will explore the causative activities associated with these issues and the resulting environmental management challenges. The main emphasis in Frameworks for Environmental Management is on exploring conceptual and practical frameworks for environmental

management. A key message is that these frameworks are not static but continually evolving, with the pace of change particularly rapid at present.

Assessment

Full details available via your Moodle site

Assessment Tasks

Assessment task	Weight	Due Date	Student Learning Outcomes Assessed
Annotated Bibliography	36%	Date TBA	1,2,3,4,5
Group Presentations	12%	In your assigned week	1,2,3,4,6
Field Trip Excercise	12%	Submit mid Term. Date TBA	1,2,3,4,6
Research Essay	40%	At the end of Term. Date TBA	1,2,3,4,5,6

Assessment Details

Assessment 1: Annotated Bibliography

Start date: The bibliography develops across the course

Details: Brief summaries for key papers, book chapters and other references. Approx 1500 words. Written feedback provided according to a rubric

Additional details:

Full details available via your Moodle site

Assessment 2: Group Presentations

Start date: You will be assigned a week in which to present.

Details: A case study presentation in class or as an on-line forum post. Written feedback provided.

Additional details:

Full details available via your Moodle site

Assessment 3: Field Trip Excercise

Start date: The field trip is early in the Term

Details: Students will be required to submit a written report based on a field trip.

Additional details:

Full details available via your Moodle site

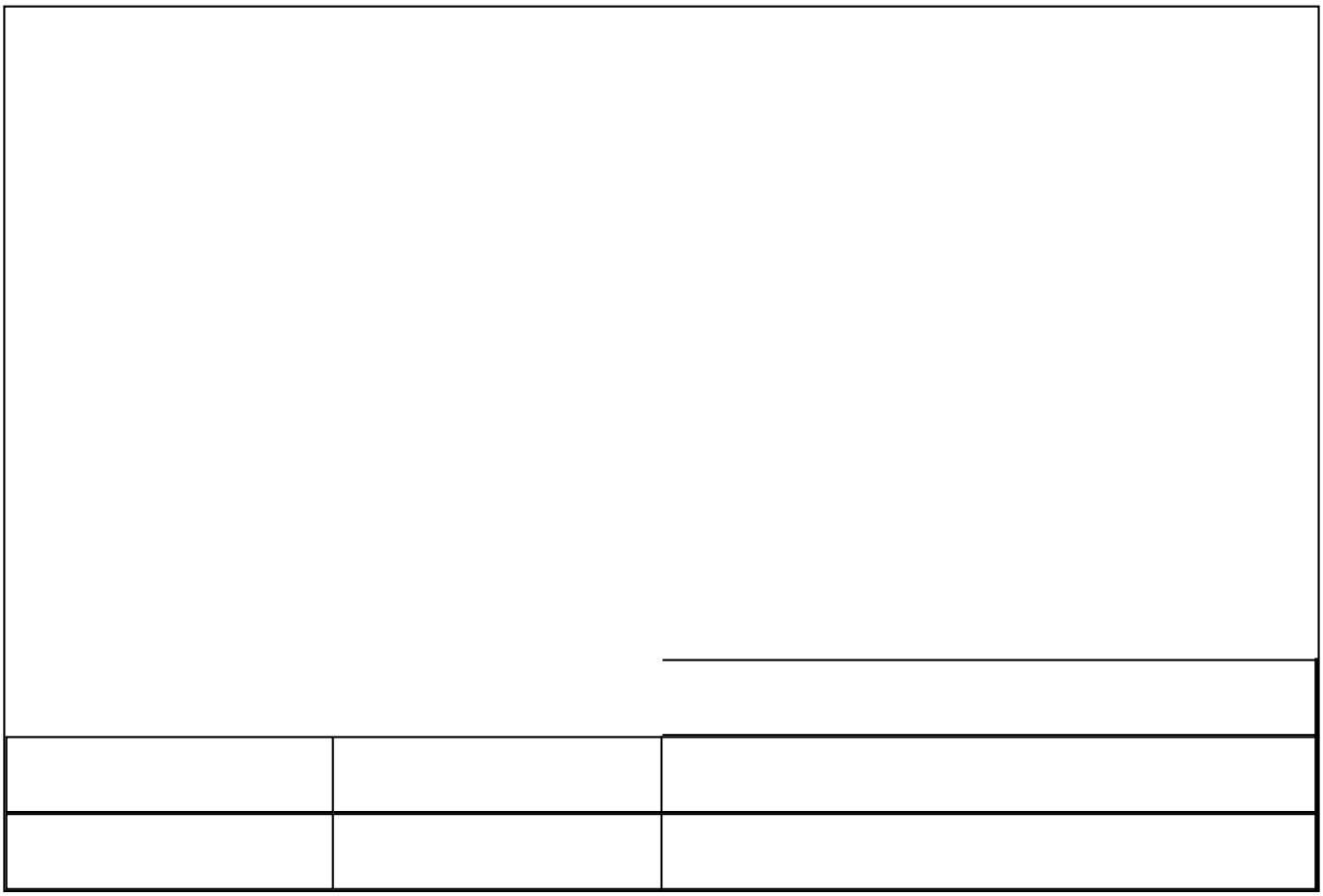
Assessment 4: Research Essay

Start date:

Details: Paper in which you apply a six step sustainable development analysis. Final assignment for the course. approx 3500 words. Written feedback provided according to a rubric.

Additional details:

Full details available via your Moodle site



Academic Honesty and Plagiarism

Plagiarism is using the words or ideas of others and presenting them as your own. It can take many forms, from deliberate cheating to accidentally copying from a source without acknowledgement.

UNSW groups plagiarism into the following categories:

Copying: using the same or very similar words to the original text or idea without acknowledging the

Academic Information

For essential student information relating to:

- requests for extension;