



ENVS6405

Australian Environmental Futures

Session 2, In person-scheduled-weekday, North Ryde 2022

School of Natural Sciences

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Disclaimer

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General Information

Unit convenor and teaching staff

Convenor

Dr Kerrie Tomkins

kerrie.tomkins@mq.edu.au

Contact via Contact via Email

12 Wallys Walk

By appointment

Credit points

10

Prerequisites

Admission to MEnv or MEnvPlan or MPlan or GradCertEnvPlan or GradDipEnv or GradCertEnv or MSusDev or GradDipSusDev or GradCertSusDev or MScInnovationEnvSc or MScInnovationGeologyGeophys

Corequisites

Co-badged status

ENVS2467

Unit description

This interdisciplinary unit critically examines the key processes and relationships that underpin environmental protection, management and sustainability within and across urban, rural and remote areas of Australia. It focuses on three core aspects: the unique characteristics of the Australian environment and the need to manage impacts; the role of policy, planning and legislation as effective tools in environmental management; and the importance of implementing strategies that engage people as part of the solution to environmental problems. Contemporary examples, such as the management of river systems and managing bushfire regimes, are used to illustrate the complexity of environmental management. While hands-on practicals, field visits and assessment tasks support the development of technical and professional skills needed for careers in environmental science, policy, planning and management. The unit is accessible for students with degrees from a broad range of backgrounds, and develops foundational knowledge and skills relating to the environment and sustainability in order to facilitate higher level studies.

Important Academic Dates

Information about important academic dates including deadlines for withdrawing from units are available at <https://www.mq.edu.au/study/calendar-of-dates>

Learning Outcomes

On successful completion of this unit, you will be able to:

ULO1: Combine different sources of data, information and own knowledge to analyse complex environmental management issues and impacts on the environment.

ULO2: Demonstrate an understanding of the role of environmental policy, planning and legislation in Australia, and how these are used to address environmental issues and impacts.

ULO3: Use inter-disciplinary approaches and show sound judgement in decision-making with respect to environmental management and sustainability planning.

ULO4: Apply skills and knowledge to prepare materials and documents that are commonly used in environmental professions.

ULO5: Use written, verbal and digital forms of communication to present ideas and information clearly to different audiences, including government and community.

General Assessment Information

Assessment Criteria

Assessment at Macquarie University is standards-based, as outlined in the [Assessment Policy](#). This means that your work will be assessed against clear criteria, and these criteria (e.g. in a rubric) will be made available when the assessment tasks and instructions are released to you on iLearn.

Submission of Assessments

All assessments must be submitted online through [Turnitin](#) unless otherwise indicated. Links for the submission of each assessment will be available on [iLearn](#).

You should always check that you have uploaded the correct file. If you have a problem, please email the Unit Convenor with your correct file. You must also keep a copy of your assessments until the end of semester in case there is a problem with your submission. It is your responsibility to ensure that you can provide a copy of your assessment if requested.

Late Assessment Submission Penalty

From 1 July 2022, Students enrolled in Session based units with written assessments will have the following university standard late penalty applied. Please see <https://students.mq.edu.au/study/assessment-exams/assessments> for more information.

Unless a Special Consideration request has been submitted and approved, a 5% penalty (of the total possible mark) will be applied each day a written assessment is not submitted, up until the 7th day (including weekends). After the 7th day, a grade of '0' will be awarded even if the assessment is submitted. Submission time for all written assessments is set at **11:55 pm**. A 1-hour grace period is provided to students who experience a technical concern.

For any late submission of time-sensitive tasks, such as scheduled tests/exams, performance assessments/presentations, and/or scheduled practical assessments/labs, students need to submit an application for [Special Consideration](#).

Assessments where Late Submissions will be accepted

In this unit, late submissions will accepted as follows:

- Environmental Management Question – YES, Standard Late Penalty applies
- Environmental Assessment Report - YES, Standard Late Penalty applies
- Stakeholder Debate - NO, unless Special Consideration is Granted
- Exam - NO, unless Special Consideration is Granted

Marking of Assessments

Assessments will usually be marked through Turnitin with grades provided through Gradebook on iLearn. Please do not submit your assessments via email or in hard copy unless requested (e.g. a sketch or drawing).

We aim to return your assessment grades and feedback within two to three weeks of the date that you submitted it. We appreciate your patience and will advise you through iLearn when your marked assessments and feedback are available for viewing.

Exams

Details of exam conditions and timetables can be found on the Exams and Results portal. The draft exam timetable will be released approximately eight weeks before the commencement of the exams. The final exam timetable will be published around 4 weeks before commencement. All students (including exchange students) are expected to present themselves for the exam at the time and place designated in the exam timetable. Note this may include weekends.

For unavoidable disruptions during exams, you should apply for [Special Consideration](#) as soon as possible. If a Supplementary Examination is granted as a result of the Special Consideration process, the exam time will be scheduled after the conclusion of the official examination period and you will receive an individual notification prior to the exam with the exact date and time of the Supplementary Examination. You will only be allowed one opportunity to sit the Supplementary Exam as outlined in the [Special Consideration Policy](#).

Assessment Tasks

Name	Weighting	Hurdle	Due
Environmental management question	20%	No	Sun 21 Aug, 11:55 pm
Environmental assessment report	30%	No	Sun 25 Sept, 11:55 pm
Stakeholder debate	20%	No	Week 12 prac
Exam	30%	No	Exam period, TBA

Environmental management question

Assessment Type ¹: Case study/analysis

Indicative Time on Task ²: 20 hours

Due: **Sun 21 Aug, 11:55 pm**

Weighting: **20%**

This assessment requires students to use different types of maps and additional data to answer a real-world environmental management question.

On successful completion you will be able to:

- Combine different sources of data, information and own knowledge to analyse complex environmental management issues and impacts on the environment.
- Apply skills and knowledge to prepare materials and documents that are commonly used in environmental professions.
- Use written, verbal and digital forms of communication to present ideas and information clearly to different audiences, including government and community.

Environmental assessment report

Assessment Type ¹: Professional writing

Indicative Time on Task ²: 30 hours

Due: **Sun 25 Sept, 11:55 pm**

Weighting: **30%**

This assessment requires students to conduct an environmental assessment for a local site and present the findings in a report to Council.

On successful completion you will be able to:

- Demonstrate an understanding of the role of environmental policy, planning and legislation in Australia, and how these are used to address environmental issues and impacts.
- Apply skills and knowledge to prepare materials and documents that are commonly used in environmental professions.
- Use written, verbal and digital forms of communication to present ideas and information clearly to different audiences, including government and community.

Stakeholder debate

Assessment Type ¹: Presentation

Indicative Time on Task ²: 15 hours

Due: **Week 12 prac**

Weighting: **20%**

This assessment requires students to work in groups to prepare and present a case for their stakeholder.

On successful completion you will be able to:

- Use inter-disciplinary approaches and show sound judgement in decision-making with respect to environmental management and sustainability planning.
- Apply skills and knowledge to prepare materials and documents that are commonly used in environmental professions.
- Use written, verbal and digital forms of communication to present ideas and information clearly to different audiences, including government and community.

Exam

Assessment Type ¹: Examination

Indicative Time on Task ²: 20 hours

Due: **Exam period, TBA**

Weighting: **30%**

Final exam covering the unit material.

On successful completion you will be able to:

- Combine different sources of data, information and own knowledge to analyse complex environmental management issues and impacts on the environment.
- Demonstrate an understanding of the role of environmental policy, planning and legislation in Australia, and how these are used to address environmental issues and impacts.
- Use inter-disciplinary approaches and show sound judgement in decision-making with respect to environmental management and sustainability planning.

¹ If you need help with your assignment, please contact:

- the academic teaching staff in your unit for guidance in understanding or completing this type of assessment
- the [Writing Centre](#) for academic skills support.

² Indicative time-on-task is an estimate of the time required for completion of the assessment task and is subject to individual variation

Delivery and Resources

Unit iLearn

This unit has an iLearn page that can be accessed through ilearn.mq.edu.au. It contains important information and other materials relating to the unit, including details and links for assessments.

Communication

The unit iLearn is the primary way that we communicate with you. Please check it regularly for announcements and posts. You are encouraged to use the Discussion Board on iLearn to post questions and generate discussion with other students. Please only email the convenor with private matters – all other questions should be posted on iLearn.

Unit Organisation and Unit Schedule

This unit is organised into three modules:

- ***Module 1 - Australia's unique environment and the need to manage the impacts of people on the environment.*** This module examines some of the physical environmental management challenges posed by people and Australia's unique environment. For example, the impacts of bushfire management on vegetation communities, and the impacts of urban areas on streams.
- ***Module 2 - The role of policy, planning and legislation as effective tools in environmental protection and management.*** This module focuses on how policy, planning and legislation impacts on the environment through strategic planning, development controls and day-to-day decision-making. This module will tie together your understanding of the physical environment and some of the tools that are used to prevent or manage environmental impacts in urban areas.
- ***Module 3 - Importance of implementing strategies that engage people as part of the solution to environmental problems.*** This module explores several themes in environmental management and decision-making including, ways of engaging people in environmental protection and management issues, identifying stakeholders, negotiation and the decision-making processes that are used to resolve environmental conflicts. This

module will demonstrate the social/political challenges and complexities of environmental management.

The content in the unit is conveyed through weekly lectures and practicals. The organisation of these is outlined in a detailed unit schedule which is available on iLearn.

We use multiple approaches in teaching and delivery, including blended learning and experiential learning, such as reading texts, watching videos, listening to audio resources, visiting field sites, participating in class activities and online discussion forums. The emphasis is on enabling students to understand and apply various techniques used in environmental management.

Class Timetable

The class timetable for this unit can be found through the [Timetable](#) portal.

All lectures in the unit are online via Zoom. The lectures will be interactive with time at the end for Q&A and discussion.

The practicals will be held on-campus. Please check the unit schedule carefully as some weeks may have other instructions or require you to meet in a different location. Any updates or changes to the unit or classes will be announced through iLearn.

Workload

The expected workload for this 10 credit point unit is 150 hours of activity, comprising of lectures, practicals, completion of assessments and individual study.

Requirements to complete this unit satisfactorily

To complete this unit satisfactorily, you must:

1. Attend all scheduled classes;
2. Complete all assessments; and
3. Achieve a pass grade or higher.

The descriptions for grades common to all coursework units offered by Macquarie University are outlined in the [Assessment Policy](#).

Recommended Texts and/or Materials

There is no specific textbook for this unit. You will be required to research information independently and consult a wide variety of information sources to aid your learning in this unit.

Referencing

In this unit, the preferred style of referencing is Harvard (author, date). For further details on the Harvard style, go to: <https://libguides.mq.edu.au/referencing/Harvard>

Technology Used and Required

This unit will use iLearn and Echo360. See the [Instructions on how to log in to iLearn](#) and the iLearn quick guides for students which will help you:

- [Getting started](#) - Find out how to navigate and familiarise yourself with the iLearn environment
- [Activities](#) - Learn how to effectively complete the activities required of you in iLearn
- [Assignments and Gradebook](#) - Find out how to submit assessments and view your grades using iLearn
- [Online study tips](#) - Studying online is a unique experience, learn how to navigate it here
- [Discussion forums](#) - Explore the different types, and features of discussion forums in iLearn
- [Lecture recordings](#) - Find out how to access lectures online, as well as the features available to you

Policies and Procedures

Macquarie University policies and procedures are accessible from [Policy Central](https://policies.mq.edu.au) (<https://policies.mq.edu.au>). Students should be aware of the following policies in particular with regard to Learning and Teaching:

- [Academic Appeals Policy](#)
- [Academic Integrity Policy](#)
- [Academic Progression Policy](#)
- [Assessment Policy](#)
- [Fitness to Practice Procedure](#)
- [Assessment Procedure](#)
- [Complaints Resolution Procedure for Students and Members of the Public](#)
- [Special Consideration Policy](#)

Students seeking more policy resources can visit [Student Policies](https://students.mq.edu.au/support/study/policies) (<https://students.mq.edu.au/support/study/policies>). It is your one-stop-shop for the key policies you need to know about throughout your undergraduate student journey.

To find other policies relating to Teaching and Learning, visit [Policy Central](https://policies.mq.edu.au) (<https://policies.mq.edu.au>) and use the [search tool](#).

Student Code of Conduct

Macquarie University students have a responsibility to be familiar with the Student Code of Conduct: <https://students.mq.edu.au/admin/other-resources/student-conduct>

Results

Results published on platform other than [eStudent](#), (eg. iLearn, Coursera etc.) or released directly by your Unit Convenor, are not confirmed as they are subject to final approval by the University. Once approved, final results will be sent to your student email address and will be made available in [eStudent](#). For more information visit ask.mq.edu.au or if you are a Global MBA student contact globalmba.support@mq.edu.au

Academic Integrity

At Macquarie, we believe [academic integrity](#) – honesty, respect, trust, responsibility, fairness and courage – is at the core of learning, teaching and research. We recognise that meeting the expectations required to complete your assessments can be challenging. So, we offer you a range of resources and services to help you reach your potential, including free [online writing and maths support](#), [academic skills development](#) and [wellbeing consultations](#).

Student Support

Macquarie University provides a range of support services for students. For details, visit <http://students.mq.edu.au/support/>

The Writing Centre

[The Writing Centre](#) provides resources to develop your English language proficiency, academic writing, and communication skills.

- [Workshops](#)
- [Chat with a WriteWISE peer writing leader](#)
- [Access StudyWISE](#)
- [Upload an assignment to Studiosity](#)
- [Complete the Academic Integrity Module](#)

The Library provides online and face to face support to help you find and use relevant information resources.

- [Subject and Research Guides](#)
- [Ask a Librarian](#)

Student Services and Support

Macquarie University offers a range of [Student Support Services](#) including:

- [IT Support](#)
- [Accessibility and disability support](#) with study
- Mental health [support](#)
- [Safety support](#) to respond to bullying, harassment, sexual harassment and sexual assault
- [Social support including information about finances, tenancy and legal issues](#)

Student Enquiries

Got a question? Ask us via [AskMQ](#), or contact [Service Connect](#).

IT Help

For help with University computer systems and technology, visit http://www.mq.edu.au/about_us/offices_and_units/information_technology/help/.

When using the University's IT, you must adhere to the [Acceptable Use of IT Resources Policy](#). The policy applies to all who connect to the MQ network including students.