



ENVS1018

Environmental Management for a Changing World

Session 2, Online-flexible, Other 2023

School of Natural Sciences

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General Information

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Credit points

10

Prerequisites

Corequisites

Co-badged status

Unit description

This unit explores human interactions with the environment through the lens of sustainability and connectivity; concepts that are central to environmental management in our ever-changing world. It will help students to understand their environment from social and scientific viewpoints and will demonstrate how an interdisciplinary approach to environmental management is integral to human and ecosystem health. Current, real-world examples from terrestrial and marine ecosystems, social systems, atmospheric and climate systems, and their dynamic interplay encourage critical thinking about environmental management issues in Australia and globally. This unit is designed for students who care about the environment and the world's future and will lay firm foundations for a range of environmental and geographical 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: Define the core concepts of environmental management, including society, environment, sustainability and connectivity.

ULO2: Describe examples of the ways that population, environment and resources interact to affect human societies and ecosystems, from local to global scales.

ULO3: Utilise maps, graphs and other forms of environmental and social data to analyse the key relationships in environmental and human systems.

ULO4: Critically review information relating to environmental management issues and communicate the results to a target audience.

ULO5: Demonstrate foundational learning skills including active engagement in the learning process.

General Assessment Information

Hurdle Assessments

Practice-based task

Development of knowledge and skills requires continual practice at authentic problems in a university setting. This unit has weekly classes and you must demonstrate your progress in developing and communicating knowledge and skills by submitting a minimum of 11 out of 12 weekly blogs based on the weekly readings, related summary and worksheet for each weekly class. This is a hurdle assessment meaning that failure to meet this requirement may result in a **fail** grade for the unit. **Submitting fewer than 11 weekly blogs will require approval of Special Consideration** (see below).

Assessment criteria

Assessment at Macquarie is standards-based, as outlined in the Assessment Policy. This means that your work in ENV51018 will be assessed against clear criteria, and these criteria will be made available to you via iLearn before the assessment tasks are due.

Submission of Assessment Tasks

All assessment tasks in ENV51018 must be submitted online through iLearn and Turnitin. Links for the submission of each assessment task will be available on iLearn. Your assignments will be marked and your grades will be returned to you in the online Gradebook, along with feedback noted on the assignment itself. Please do not submit email or hard copies of your assignments.

Penalties for late submission of assessment tasks

Late Assessment Submission Penalty

Unless a Special Consideration request has been submitted and approved, a 5% penalty (of the

total possible mark of the task) will be applied for each day a written report or presentation 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. The submission time for all uploaded assessments is **11:55 pm**. A 1-hour grace period will be 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, please apply for [Special Consideration](#).

Assessments where Late Submissions will be accepted

- Assessments 2, 3, 4 – YES, Standard Late Penalty applies

Extensions for Assessments

To obtain an extension for an assessment task, you need to follow the formal process as outlined in the Special Consideration policy. You can submit your case for special consideration via ask.mq.edu.au and you must provide appropriate supporting documentation (e.g. medical certificate).

Return of Marked Assessments

Due to the large number of students in ENV51018, we aim to return your assignments with feedback within three weeks of the date that you submit your assignment, and before your next assignment is due. We will advise you through iLearn when your marked assignments are available for viewing.

Special Consideration

The [Special Consideration Policy](#) aims to support students who have been impacted by short-term circumstances or events that are serious, unavoidable and significantly disruptive, and which may affect their performance in assessment.

Written Assessments: If you experience circumstances or events that affect your ability to complete the written assessments in this unit on time, please inform the convenor and submit a Special Consideration request through ask.mq.edu.au.

Weekly practice-based tasks: To pass the unit you need to demonstrate ongoing development of skills and application of knowledge in 11 out of 12 of the weekly practical classes. If you miss a weekly practical class due to a serious, unavoidable and significant disruption, contact your convenor ASAP as you may be able to attend another class that week. If it is not possible to attend another class, you should still contact your convenor for access to class material to review in your own time.

Note that a Special Consideration should **only be applied for** if you miss more than one of the weekly practical classes.

Assessment Tasks

Name	Weighting	Hurdle	Due
Online quiz	15%	No	22 Aug (Quiz 1a); 3 Oct (Quiz 1b); 31 Oct (Quiz 1c)
Data analysis	30%	No	11.55pm 1st September
Podcast	25%	No	11.55pm 6 October
Practice-Based Task	0%	Yes	Each week, as per Class Schedule
Poster	30%	No	11.55pm 3rd November

Online quiz

Assessment Type ¹: Quiz/Test

Indicative Time on Task ²: 8 hours

Due: **22 Aug (Quiz 1a); 3 Oct (Quiz 1b); 31 Oct (Quiz 1c)**

Weighting: **15%**

Online quizzes covering key concepts

On successful completion you will be able to:

- Define the core concepts of environmental management, including society, environment, sustainability and connectivity.
- Critically review information relating to environmental management issues and communicate the results to a target audience.
- Demonstrate foundational learning skills including active engagement in the learning process.

Data analysis

Assessment Type ¹: Quantitative analysis task

Indicative Time on Task ²: 20 hours

Due: **11.55pm 1st September**

Weighting: **30%**

Analysis and interpretation of environmental data

On successful completion you will be able to:

- Define the core concepts of environmental management, including society, environment, sustainability and connectivity.
- Describe examples of the ways that population, environment and resources interact to affect human societies and ecosystems, from local to global scales.
- Utilise maps, graphs and other forms of environmental and social data to analyse the key relationships in environmental and human systems.
- Critically review information relating to environmental management issues and communicate the results to a target audience.

Podcast

Assessment Type ¹: Media presentation

Indicative Time on Task ²: 15 hours

Due: **11.55pm 6 October**

Weighting: **25%**

Podcast focusing on current environmental issues

On successful completion you will be able to:

- Define the core concepts of environmental management, including society, environment, sustainability and connectivity.
- Describe examples of the ways that population, environment and resources interact to affect human societies and ecosystems, from local to global scales.
- Utilise maps, graphs and other forms of environmental and social data to analyse the key relationships in environmental and human systems.
- Critically review information relating to environmental management issues and communicate the results to a target audience.

Practice-Based Task

Assessment Type ¹: Practice-based task

Indicative Time on Task ²: 20 hours

Due: **Each week, as per Class Schedule**

Weighting: **0%**

This is a hurdle assessment task (see [assessment policy](#) for more information on hurdle assessment tasks)

Demonstration of practical laboratory skills and knowledge of protocols, and the submission of practical tasks.

On successful completion you will be able to:

- Demonstrate foundational learning skills including active engagement in the learning process.

Poster

Assessment Type ¹: Poster

Indicative Time on Task ²: 20 hours

Due: **11.55pm 3rd November**

Weighting: **30%**

Poster and interpretation on the topic of: Solutions for contemporary environmental crises

On successful completion you will be able to:

- Define the core concepts of environmental management, including society, environment, sustainability and connectivity.
- Describe examples of the ways that population, environment and resources interact to affect human societies and ecosystems, from local to global scales.
- Utilise maps, graphs and other forms of environmental and social data to analyse the key relationships in environmental and human systems.
- Critically review information relating to environmental management issues and communicate the results to a target audience.

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

ENV51018 relies on a structured teaching program to facilitate your learning and critical thinking. The unit is taught via interactive lectures, small group teaching activities, readings, and assessment tasks.

Students must attend one two-hour lecture and one one-hour small group teaching activity per week (note: Lectures and small group teaching activities start in week 1, there are no lectures or small group teaching activities in Week 13).

Weekday attendance students are expected to attend the lectures and small group teaching activity. Small group teaching activity attendance is part of the hurdle assessment task.

The timetable for ENV51018 can be found at: <https://timetables.mq.edu.au/2023/>

A detailed class schedule with lecture and small group teaching activity topics is available on iLearn. Students must make use of iLearn to access teaching and learning materials, to submit assessment tasks, to stay in touch with the unit, to contact lecturers and the teaching staff, and to discuss issues and concepts with classmates. We also recommend that you follow current developments in the multidisciplinary field of environmental management by staying abreast of the news.

Workload ENV51018 earns 10 credit points towards your degree. For a 10 credit point unit such as ENV51018, you are expected to dedicate 150 hours over the semester. This requires planning on your part to do all the work required in lectures, small group teaching activities, and assignments.

iLearn ENV51018 iLearn login page: <https://ilearn.mq.edu.au/login/> The ENV51018 iLearn page uses Macquarie University's standard interface and has links, discussion threads, blogs, access to lectures (as audio files through Echo360, and as downloadable PDF presentations) and small group teaching activity material. Important announcements will be made through iLearn, so please check the ENV51018 page regularly.

Echo360 Information about how to access lecture recordings through the Echo360 EchoCenter page in iLearn can be found at: <https://students.mq.edu.au/support/study/tools-and-resources/ilearn/ilearn-quick-guides-for-students/lecture-recordings>

Turnitin Macquarie University promotes student awareness of information management and information ethics. As well as training and the provision of information, the University promotes academic honesty through use of the online program Turnitin.

Information about how to submit assignments to Turnitin in iLearn can be found at: <https://students.mq.edu.au/support/technology/systems/ilearn/assignments-grades>.

As well as being a key tool for assignment submission, marking and feedback, Turnitin compares your work with the work of your classmates, with previous students from Macquarie and other universities, with material available on the Internet, and with freely available and subscription based electronic journals. The results are sent only to your lecturers, who will analyse them in reference to the University's Academic Integrity Policy.

You will be able to access the results of the Turnitin academic honesty scan for your own assignments, known as your 'originality report'. In ENV51018, we will allow you to overwrite the initial submission file with a second submission if you choose to do so, but only up until the final due date and time for the assignment. We consider this opportunity to fine-tune your academic honesty a considerable resource, and we hope that you will use this review process constructively to ensure you are referencing other material correctly and effectively.

Recommended Texts and Readings There is no prescribed textbook for ENV51018. However, these books and reports will provide helpful guidance and we recommended that students look up and make use of these texts in the library or online:

- Hay, I. 2012 Communicating in geography and the environmental sciences (Fourth ed.). Melbourne, Vic: Oxford University Press (also available as an e-book).
- Jackson, W.J., Argent, R.M., Bax, N.J., Bui, E., Clark, G.F., Coleman, S., Cresswell, I.D., Emmerson, K.M., Evans, K., Hibberd, M. F. Johnston, E.L. Keywood, M.S., Klekociuk, A., Mackay, R., Metclafe, D., Murphy, H., Rankin, A., Smith, D.C., and Wiencke, B 2016. Australia State of the Environment 2016. Australian Government Department of the Environment and Energy, Canberra. Available online at <https://soe.environment.gov.au/>
- Rose, D.B. 1996 Nourishing terrains: Australian Aboriginal views of landscape and wilderness. Australian Heritage Commission, Canberra.
- Gibson, K., Rose, D.B. and Fincher, R., 2015. Manifesto for Living in the Anthropocene. Punctum books, Brooklyn, NY.

There are a range of readings relevant to the small group teaching activity and lecture program. You will be guided through these via the iLearn site. To find these items go to the Macquarie University Leganto site - link available on iLearn.

Methods of Communication

We will communicate with you via your university email and through announcements on iLearn. Queries to convenors can either be placed on the iLearn discussion board or sent to the unit convenor via the contact email on iLearn.

COVID Information

For the latest information on the University's response to COVID-19, please refer to the Coronavirus infection page on the Macquarie website: <https://www.mq.edu.au/about/coronavirus-faqs>. Remember to check this page regularly in case the information and requirements change during semester. If there are any changes to this unit in relation to COVID, these will be communicated via iLearn.

Unit Schedule

See up to date Unit Schedule in iLearn

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 Advocacy](#) provides independent advice on MQ policies, procedures, and processes

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.

Changes from Previous Offering

We value student feedback to be able to continually improve the way we offer our units. As such we encourage students to provide constructive feedback via student surveys, to the teaching staff directly, or via the FSE Student Experience & Feedback link in the iLearn page.

Student feedback from the previous offering of this unit was very positive overall, with students pleased with the clarity around assessment requirements and the level of support from teaching staff. As such, no change to the delivery of the unit is planned, however we will continue to strive to improve the level of support and the level of student engagement.

Changes since First Published

Date	Description
03/10/2023	"Tutor" changed to "teaching staff"