

Task Name: Research and Writing Task	Unit: Ecosystems and Global Biodiversity
Task Distributed: 29.11.2024 (Week 7)	Task Due: 13.12.2024 (Week 9)
Task Type: Research and In-Class Written Exam.	Syllabus Outcomes: GE-12-01, GE-12-03, GE-12-05 and GE-12-09.
Task Weighting: 20%	Task number for Course: 1

Task Description:

PART A: Research (10 marks)

You will research the California Kelp Forest as one of your comparison case studies **outside Australia**. This case study will be compared to the Great Southern Reef Kelp Forest in PART B.

For the California Kelp Forest, research the following key points:

- Describe the characteristics of the Kelp Forest (location, biodiversity, spatial distribution).
- Explain the vulnerabilities and resistances of the Kelp Forest (threats, challenges, means of resilience, etc)
- Explain the management strategies for maintaining ecosystem functioning and sustainability, considering economic, political and sociocultural factors.

This research will be submitted to Google Classroom in a Google Doc or Word document on 13.12.2024 at 5 pm.

PART B: Writing (20 marks)

Using your knowledge of the California Kelp Forest and the Great Southern Reef Kelp Forest, respond to the following question:

Compare how ONE type of ecosystem is managed at TWO different locations.

This will be completed in class during your timetabled lesson.

NESA Glossary of KeyWords

- Describe: Provide characteristics and features.
- Explain: Relate cause and effect; make the relationships between things; provide why and/or how
- Compare: Show how things are similar or different.

Understand the verb associated with the task. The verb will provide an understanding of the detail needed to answer the question successfully. Check the NESA Glossary of Key Words:

<https://educationstandards.nsw.edu.au/wps/portal/nesa/11-12/hsc/hsc-student-guide/glossary-keywords>

Details of Submission:

- **PART A** will be completed and submitted to Google Classroom 13.12.2024 at 5 pm.
- **PART B** will be completed in exam conditions during the scheduled period on 13.12.2024.
- Students will have 5 minutes of reading and 45 minutes of working time to complete the task.
- Students are NOT permitted to bring notes into the exam.

Absences on the day will be dealt with in accordance with school policies.

Assessment Procedures

All students should be fully aware of the school assessment procedures. Students should access their 2024 Assessment Guide for more information.

Feedback provided

- The task will be typically returned to students within two school weeks of the submission date.
- At this time feedback including information on how to improve will be delivered through mechanisms such as marking criteria, and/or written comments.
- Students can clarify or seek further feedback by arranging to meet with their teacher.

Self-Reflection Component

Students will be required to complete a self-reflection worksheet at the time students receive their assessment mark and teacher feedback. Self-reflection is an important part of the learning process as it provides an opportunity to reflect on the strength of your performance, as well as areas that have been identified to strengthen in future tasks.

What Areas of Learning will this Assessment Task Report On?

In this task you will be assessed on your ability to:

- Draw on geographical knowledge, concepts, and skills covered in class related to the topic: Ecosystems and Global Biodiversity.
- Describe the characteristics, vulnerabilities and resistances of both the Great Southern Reef Kelp Forest and the California Kelp Forest.
- Compare the Great Southern Reef Kelp Forest and the California Kelp Forest management strategies, including multiple points of similarity and difference.
- Communicate their geographical understanding using appropriate terms and concepts.

Marking Criteria PART A

	1 mark	2 marks	3 marks	4 marks
Describe the characteristics of the Kelp Forest (location, biodiversity, spatial distribution).	Identifies or briefly describes the characteristics of the California Kelp Forest.	Clearly describes the characteristics of the California Kelp Forest including location, biodiversity and spatial distribution.		
Explain the vulnerabilities and resistances of the Kelp Forest (threats, challenges, means of resilience, etc.)	Identifies or briefly describes the vulnerabilities and resistances of the California Kelp Forest.	Clearly describes the vulnerabilities and resistances of the California Kelp Forest.	Explains the vulnerabilities and resistances of the California Kelp Forest.	Clearly explains in detail the vulnerabilities and resistances of the California Kelp Forest.
Explain the management strategies for maintaining ecosystem functioning and sustainability, considering economic, political and sociocultural factors.	Identifies or briefly describes at least one management strategy for maintaining ecosystem functioning and sustainability of the California Kelp Forest.	Clearly describes at least one management strategy for maintaining ecosystem functioning and sustainability of the California Kelp Forest.	Explain at least two management strategies for maintaining ecosystem functioning and sustainability of the California Kelp Forest, which may consider economic, political, and sociocultural factors.	Clearly explains in detail at least two management strategies for maintaining ecosystem functioning and sustainability of the California Kelp Forest, considering the economic, political and sociocultural factors.

Feedback:

MARKING CRITERIA PART B

Criteria:	Marks
<ul style="list-style-type: none"> ● Demonstrates deep knowledge and understanding of the characteristics, vulnerabilities and resistances of both the Great Southern Reef Kelp Forest and the California Kelp Forest. ● Clearly compares the Great Southern Reef Kelp Forest and the California Kelp Forest management strategies, including multiple points of similarity and difference. ● Effectively synthesise and integrate relevant geographical information from a variety of sources. ● Presents a sustained, logical and cohesive response using a range of geographical information, ideas and issues, along with statistics and data. 	18-20
<ul style="list-style-type: none"> ● Demonstrates knowledge and understanding of the characteristics, vulnerabilities and resistances of both the Great Southern Reef Kelp Forest and the California Kelp Forest. ● Compares the Great Southern Reef Kelp Forest and the California Kelp Forest management strategies, including points of similarity and difference. ● Synthesise and integrate relevant geographical information from a variety of sources. ● Presents a logical and cohesive response using a range of geographical information, ideas and issues, along with statistics and data. 	13-16
<ul style="list-style-type: none"> ● Demonstrates some knowledge and understanding of the characteristics, vulnerabilities and resistances of both the Great Southern Reef Kelp Forest and the California Kelp Forest. ● Attempts to compare the Great Southern Reef Kelp Forest and the California Kelp Forest management strategies may include points of similarity and difference. ● Attempts to synthesise and/or integrate relevant geographical information from a variety of sources. ● Presents a structured response using geographical information. 	9-12
<ul style="list-style-type: none"> ● Demonstrates a basic understanding of the characteristics, vulnerabilities and/or resistances of the Great Southern Reef Kelp Forest and/or the California Kelp Forest. ● Demonstrates a basic understanding of relevant management strategies of Great Southern Reef Kelp Forest and/or the California Kelp Forest. ● Includes some geographical information that may be from a variety of sources. ● Presents a structured response using geographical information. 	5-8
<ul style="list-style-type: none"> ● Demonstrates a limited understanding of the characteristics, vulnerabilities and/or resistances of the Great Southern Reef Kelp Forest and/or the California Kelp Forest. ● Demonstrates a limited understanding of the management strategies of Great Southern Reef Kelp Forest and/or the California Kelp Forest. ● Limited or no reference to geographical information. ● May attempt to structure response. 	1-4