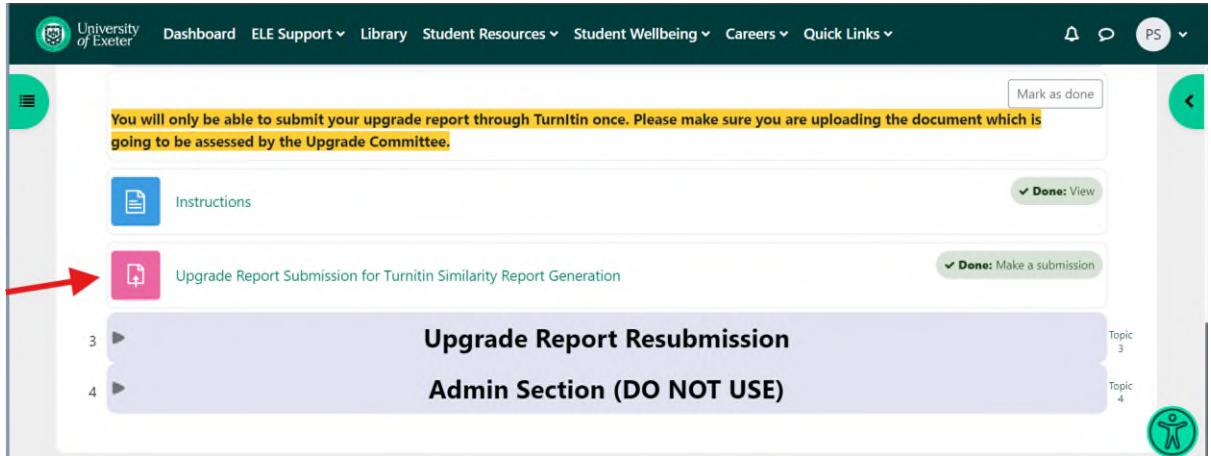


## Instructions for the Submission of an Upgrade Report to Turnitin via ELE2

### 1. Click Upgrade Report Submission for Turnitin Similarity Report Generation



You will only be able to submit your upgrade report through Turnitin once. Please make sure you are uploading the document which is going to be assessed by the Upgrade Committee.

Instructions

Mark as done

Done: View

Upgrade Report Submission for Turnitin Similarity Report Generation

Done: Make a submission

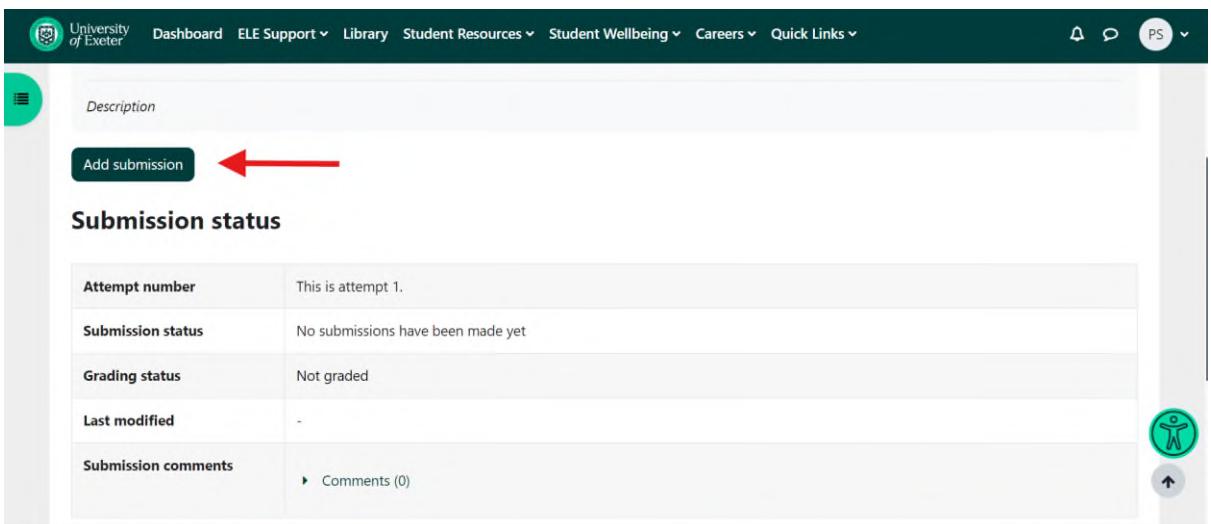
3 Upgrade Report Resubmission

4 Admin Section (DO NOT USE)

Topic 3

Topic 4

### 2. Click on Add submission



Description

Add submission

Submission status

Attempt number	This is attempt 1.
Submission status	No submissions have been made yet
Grading status	Not graded
Last modified	-
Submission comments	Comments (0)

### 3. Click on the file icon

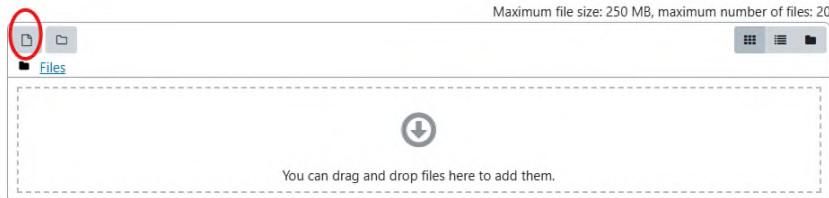
*Description*

**You will be able to submit your thesis once only! Please ensure that you upload the correct file and most up-to-date version of your work.**

#### ▼ Add submission

File submissions

Maximum file size: 250 MB, maximum number of files: 20



### 4. Choose your file and click open.

#### File picker

Recent files

Upload a file



Attachment

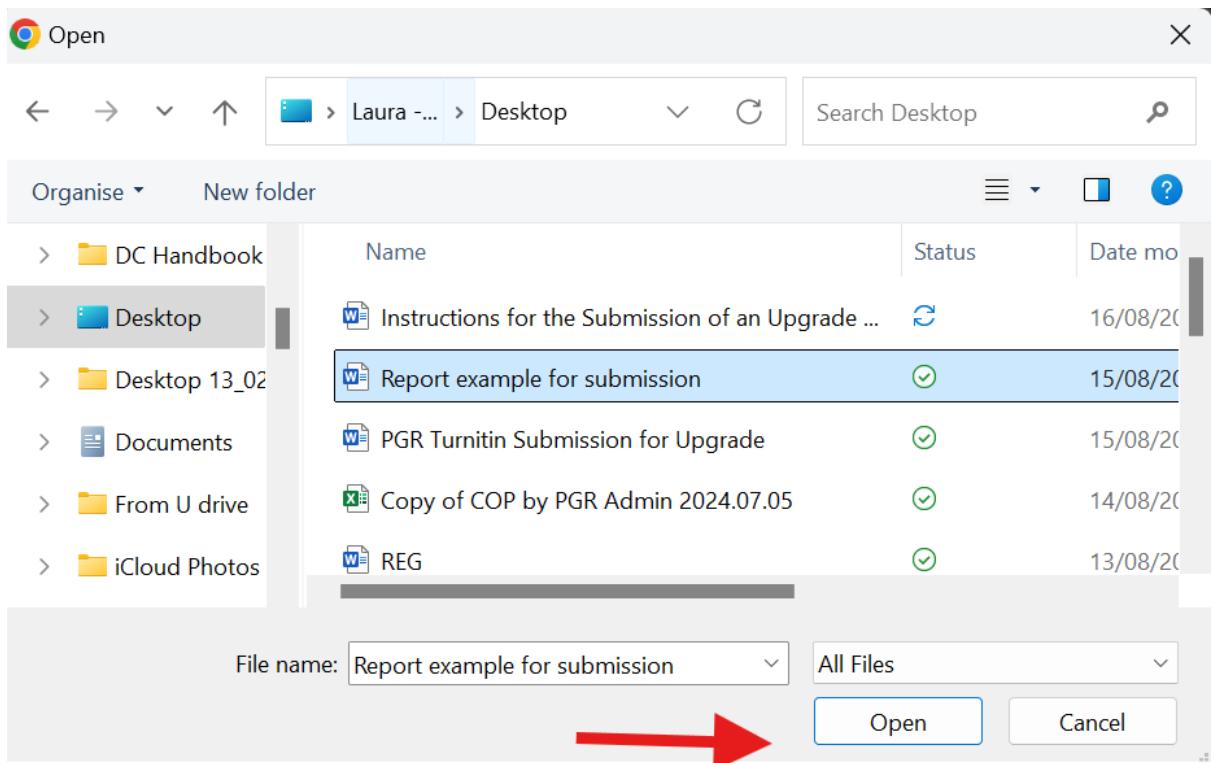
No file chosen

Save as

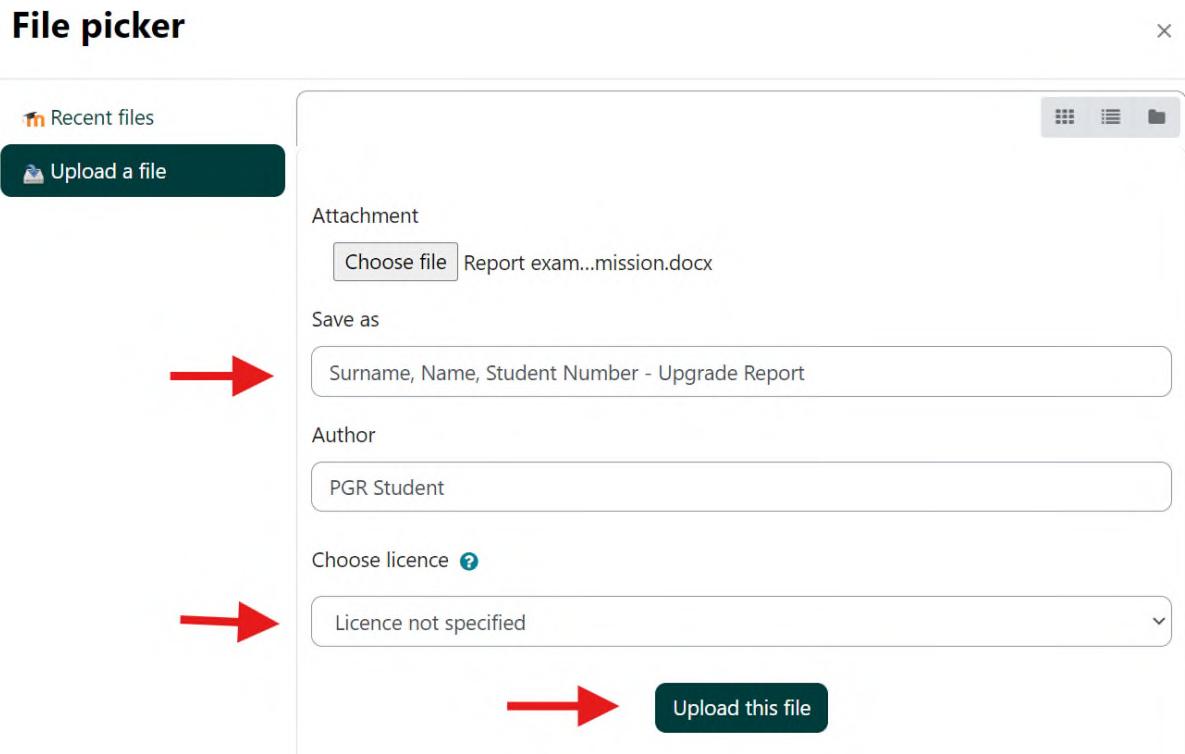
Author

PGR Student

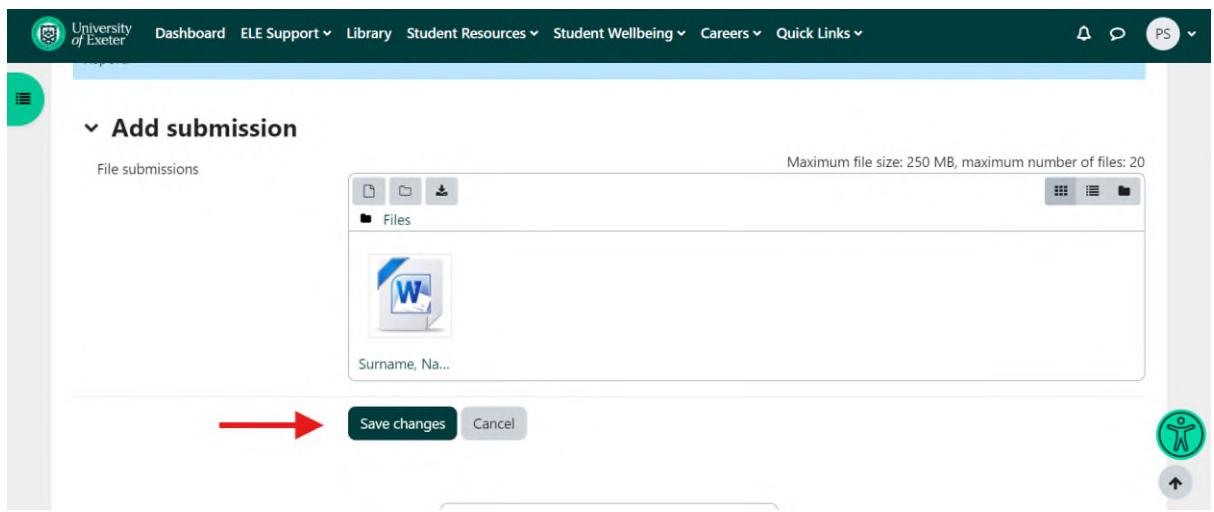
Choose licence ?



5. Save the file using the following structure and click to upload the file.  
**Surname, Name Students Number – Upgrade report**

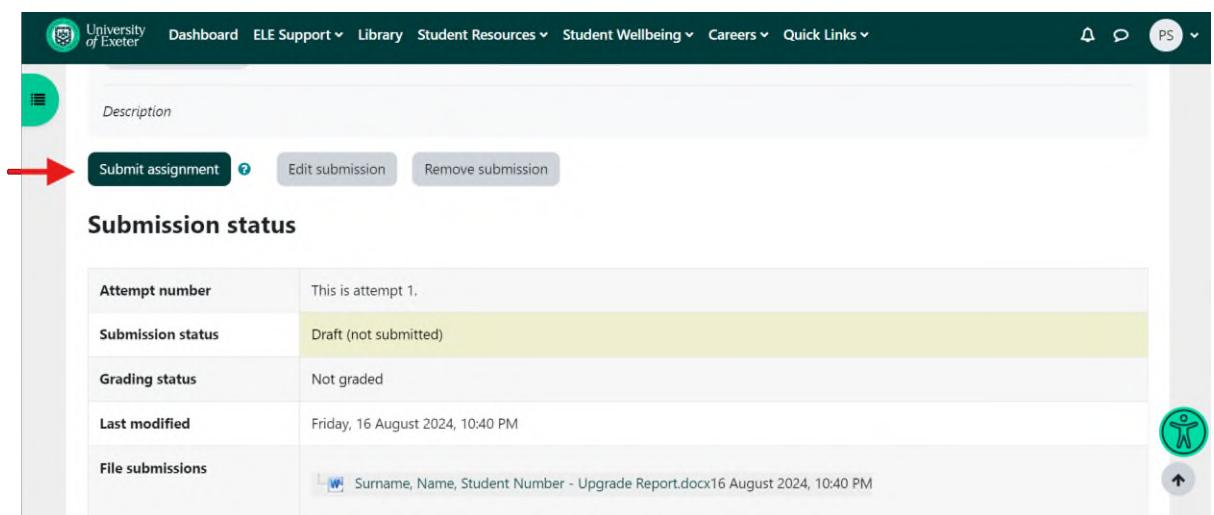


## 6. Save the changes



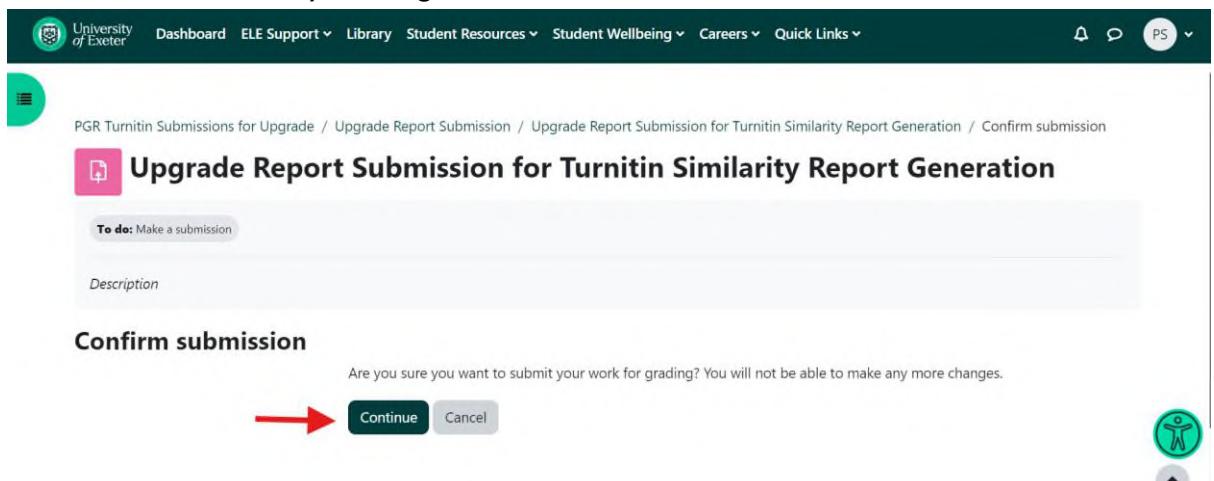
The screenshot shows the 'Add submission' page. At the top, there are navigation links: University of Exeter, Dashboard, ELE Support, Library, Student Resources, Student Wellbeing, Careers, and Quick Links. On the right, there are icons for notifications, messages, and a user profile. The main area has a title 'Add submission' and a sub-section 'File submissions'. A file named 'Surname, Na...' is listed with a 'WPS' icon. A message at the top right says 'Maximum file size: 250 MB, maximum number of files: 20'. Below the file list are 'Save changes' and 'Cancel' buttons. A red arrow points to the 'Save changes' button.

## 7. Submit your upgrade report to Turnitin



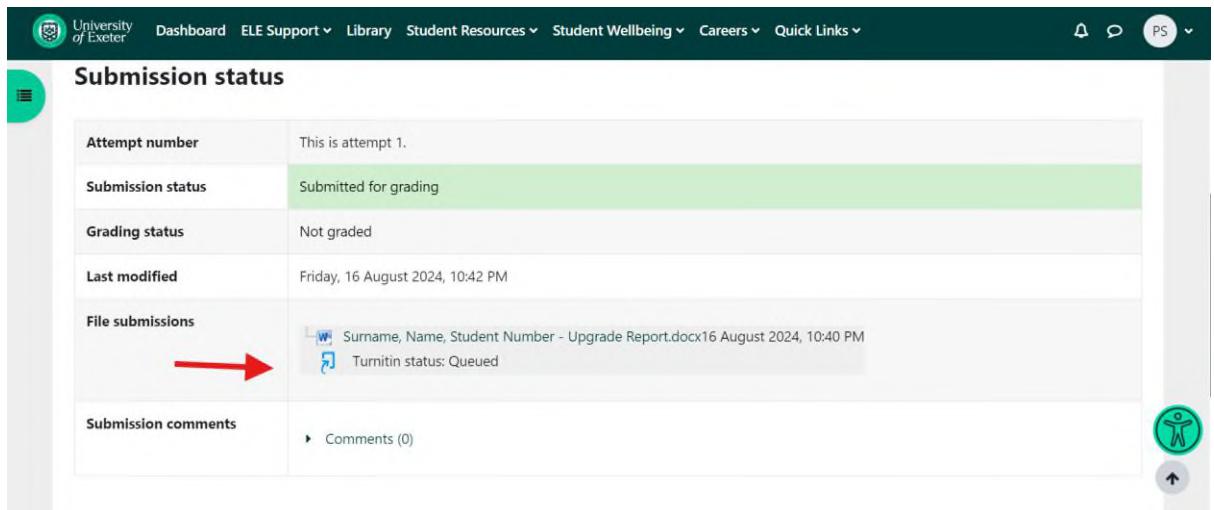
The screenshot shows the 'Submission status' page. At the top, there are navigation links: University of Exeter, Dashboard, ELE Support, Library, Student Resources, Student Wellbeing, Careers, and Quick Links. On the right, there are icons for notifications, messages, and a user profile. The main area has a 'Description' section and a 'Submit assignment' button, which is highlighted with a red arrow. Below it are 'Edit submission' and 'Remove submission' buttons. A table titled 'Submission status' provides details: Attempt number (This is attempt 1), Submission status (Draft (not submitted)), Grading status (Not graded), Last modified (Friday, 16 August 2024, 10:40 PM), and File submissions (a link to a file named 'Surname, Name, Student Number - Upgrade Report.docx' with a timestamp of 16 August 2024, 10:40 PM). A red arrow points to the 'Submit assignment' button.

## 8. Confirm submission by clicking "continue"



The screenshot shows the 'Upgrade Report Submission for Turnitin Similarity Report Generation' page. At the top, there are navigation links: University of Exeter, Dashboard, ELE Support, Library, Student Resources, Student Wellbeing, Careers, and Quick Links. On the right, there are icons for notifications, messages, and a user profile. The main area has a title 'Upgrade Report Submission for Turnitin Similarity Report Generation' with a 'To do: Make a submission' button. Below it is a 'Description' section. A large 'Confirm submission' button is at the bottom with the text 'Are you sure you want to submit your work for grading? You will not be able to make any more changes.' A red arrow points to the 'Continue' button.

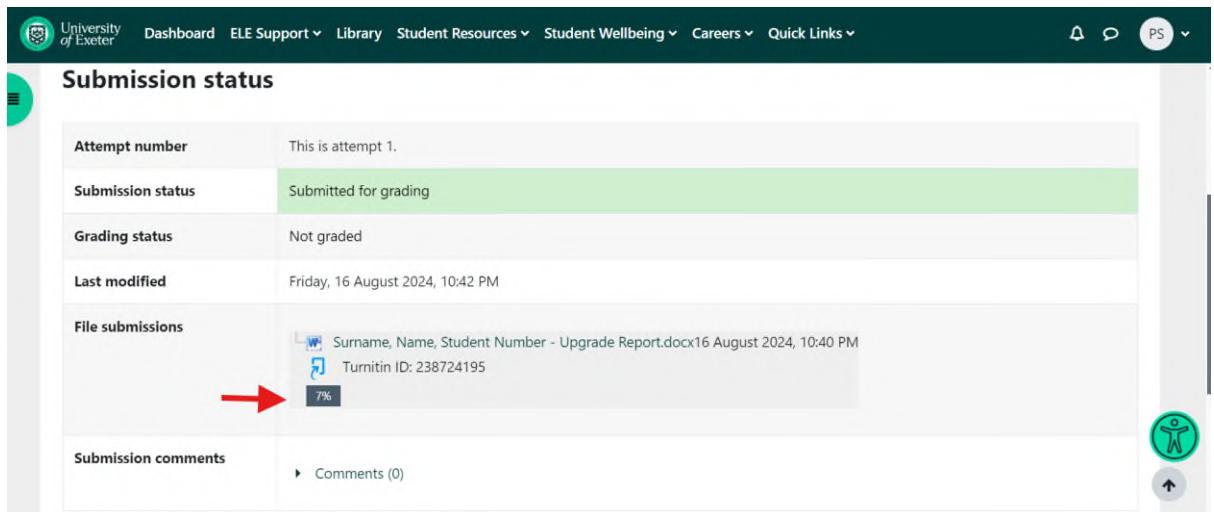
Your report is now being analysed by Turnitin and will show up as being queued.



The screenshot shows the 'Submission status' page of the University of Exeter website. The 'File submissions' section contains a file named 'Surname, Name, Student Number - Upgrade Report.docx' with a 'Turnitin status: Queued'. A red arrow points to this status. The page also includes sections for Attempt number, Submission status, Grading status, Last modified, and Submission comments.

The analysis may take a few minutes. Wait a few minutes and refresh the webpage.

9. Click the greyed-out area where the percentage has appeared.



The screenshot shows the 'Submission status' page of the University of Exeter website. The 'File submissions' section contains a file named 'Surname, Name, Student Number - Upgrade Report.docx' with a 'Turnitin ID: 238724195' and a progress bar showing '7%'. A red arrow points to the progress bar. The page also includes sections for Attempt number, Submission status, Grading status, Last modified, and Submission comments.

10. The Turnitin feedback studio will open and you can download your similarity report by clicking the download icon.

feedback studio

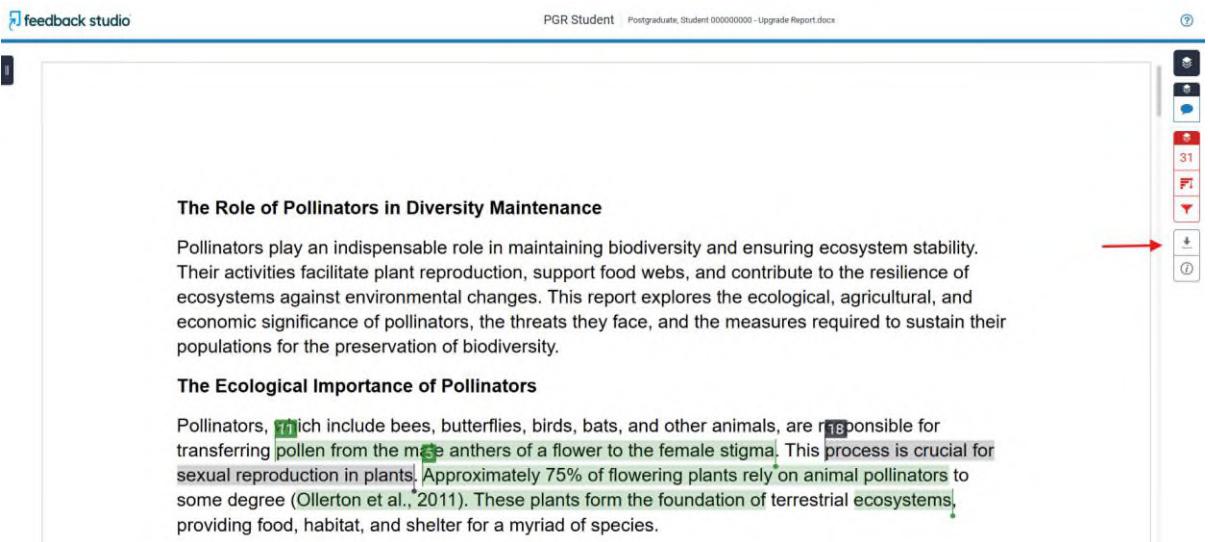
PGR Student Postgraduate\_Student 00000000 - Upgrade Report.docx

**The Role of Pollinators in Diversity Maintenance**

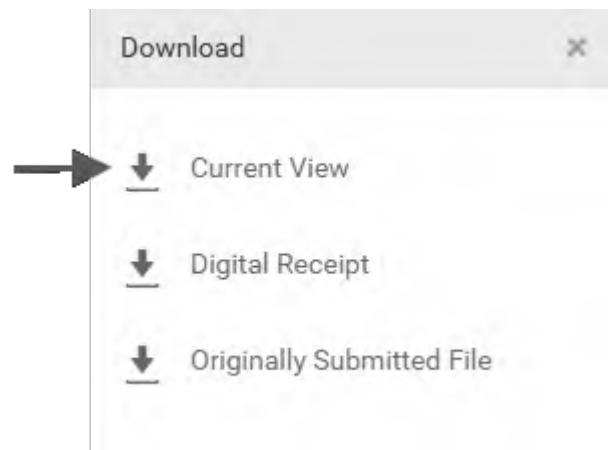
Pollinators play an indispensable role in maintaining biodiversity and ensuring ecosystem stability. Their activities facilitate plant reproduction, support food webs, and contribute to the resilience of ecosystems against environmental changes. This report explores the ecological, agricultural, and economic significance of pollinators, the threats they face, and the measures required to sustain their populations for the preservation of biodiversity.

**The Ecological Importance of Pollinators**

Pollinators, which include bees, butterflies, birds, bats, and other animals, are responsible for transferring pollen from the male anthers of a flower to the female stigma. This process is crucial for sexual reproduction in plants. Approximately 75% of flowering plants rely on animal pollinators to some degree (Ollerton et al., 2011). These plants form the foundation of terrestrial ecosystems, providing food, habitat, and shelter for a myriad of species.



## 11. Select Current view



## 12. The file will be saved on your computer downloads. You can scroll down to see an example.

# Postgraduate, Student 000000000 - Upgrade Report.docx

*by PGR Student*

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**Submission date:** 28-Jan-2025 02:55PM (UTC+0000)

**Submission ID:** 249625021

**File name:** 290543\_PGR\_Student\_Postgraduate\_\_Student\_000000000\_-  
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**Word count:** 1052

**Character count:** 7002

## The Role of Pollinators in Diversity Maintenance

Pollinators play an indispensable role in maintaining biodiversity and ensuring ecosystem stability. Their activities facilitate plant reproduction, support food webs, and contribute to the resilience of ecosystems against environmental changes. This report explores the ecological, agricultural, and economic significance of pollinators, the threats they face, and the measures required to sustain their populations for the preservation of biodiversity.

## The Ecological Importance of Pollinators

Pollinators, which include bees, butterflies, birds, bats, and other animals, are responsible for transferring pollen from the male anthers of a flower to the female stigma. This process is crucial for sexual reproduction in plants. Approximately 75% of flowering plants rely on animal pollinators to some degree (Ollerton et al., 2011). These plants form the foundation of terrestrial ecosystems, providing food, habitat, and shelter for a myriad of species.

## Supporting Plant Diversity

Pollinators contribute directly to plant genetic diversity by enabling cross-pollination, which increases genetic variation within plant populations. Genetic diversity, in turn, enhances plant resilience to diseases, pests, and environmental changes. In ecosystems like tropical rainforests and meadows, where floral diversity is high, pollinators maintain intricate networks of interdependence that support a wide range of plant species.

## Enhancing Ecosystem Services

Through their pollination activities, pollinators support ecosystem services such as carbon sequestration, soil stabilization, and water cycle regulation. For instance, forests and grasslands depend on pollinators for the reproduction of trees and grasses that stabilize soil and regulate water flows. Pollinators also play a role in seed dispersal indirectly by ensuring the reproduction of plants that provide fruits and seeds consumed by other animals.

## Agricultural Contributions

Pollinators are critical to global food production, directly influencing crop yields and quality. Around 35% of global crop production depends on pollinators with over 87 of the leading food crops benefiting from animal pollination (Klein et al., 2007). These crops include fruits, vegetables, nuts, and oilseeds, which are vital for human nutrition and food security.

## Improving Crop Yields and Quality

Crops such as almonds, apples, and berries rely heavily on pollination for optimal yields and quality. Studies show that pollinator diversity, rather than abundance alone, is essential for effective pollination. Different pollinator species often complement each other in their foraging behaviours, resulting in more efficient and consistent pollination (Garibaldi et al., 2013).

## Economic Value

The economic value of pollination services is immense, estimated at over \$235 billion to \$577 billion annually (IPBES, 2016). These services reduce the need for artificial pollination techniques, lowering costs for farmers and contributing to sustainable agricultural practices.

## Threats to Pollinators

Despite their ecological and economic importance, pollinator populations are declining globally due to a combination of anthropogenic and environmental factors. Key threats include habitat loss, climate change, pesticide use, and the spread of diseases and invasive species.

## Habitat Loss and Fragmentation

Urbanization, agricultural expansion, and deforestation have led to the destruction and fragmentation of habitats critical for pollinators. Loss of floral diversity reduces the availability of nectar and pollen resources, while habitat fragmentation isolates pollinator populations, affecting their genetic diversity and resilience.

## Climate Change

Climate change impacts pollinators by altering the timing of flowering and pollinator activity, disrupting the synchrony essential for effective pollination. Rising temperatures and changing precipitation patterns also affect the distribution and behavior of pollinator species, leading to mismatches in plant-pollinator interactions (Memmott et al., 2007).

## Pesticides and Chemicals

The widespread use of pesticides, particularly neonicotinoids, poses a significant threat to pollinators. These chemicals impair pollinator navigation, reproduction, and immune systems, leading to population declines. Even sub-lethal exposure can have cascading effects on pollinator health and efficiency.

## Diseases and Invasive Species

Pollinators are increasingly affected by pathogens, such as the Varroa destructor mite in honeybees, and competition from invasive species like the Asian hornet. These threats exacerbate the vulnerability of native pollinator populations, leading to declines in both abundance and diversity.

## Conservation Strategies

To safeguard pollinators and the biodiversity they support, targeted conservation strategies are essential. These strategies must address habitat restoration, sustainable agricultural practices, and public awareness.

### Habitat Restoration

Restoring and protecting natural habitats is a fundamental step in pollinator conservation. Initiatives such as planting wildflower corridors, preserving native vegetation, and creating pollinator-friendly urban spaces provide critical resources for pollinators. Connectivity between habitats also enhances genetic exchange and resilience.

### Sustainable Agriculture

Adopting pollinator-friendly agricultural practices, such as reducing pesticide use, promoting crop diversity, and integrating agroforestry, can mitigate threats to pollinators. Organic farming, which avoids synthetic chemicals, has been shown to support higher pollinator diversity and abundance (Holzschuh et al., 2008).

### Policy and Legislation

Governments and international organizations play a crucial role in pollinator conservation. Policies that regulate pesticide use, protect natural habitats, and promote research on pollinator health are essential. Global initiatives like the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES) emphasize the importance of pollinators in achieving sustainable development goals.

### Public Engagement and Education

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Raising awareness about the importance of pollinators and encouraging community involvement can drive conservation efforts. Citizen science projects, such as monitoring pollinator populations and creating pollinator gardens, empower individuals to contribute to biodiversity maintenance.

## Conclusion

Pollinators are vital for maintaining biodiversity and ensuring ecosystem stability. Their role in plant reproduction supports diverse ecosystems, while their contributions to agriculture underpin global food security and economic well-being. However, pollinators face numerous threats that require immediate and coordinated action. By restoring habitats, adopting sustainable practices, and fostering public engagement, we can ensure the survival of pollinators and the myriad benefits they provide.

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- Chat GPT

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