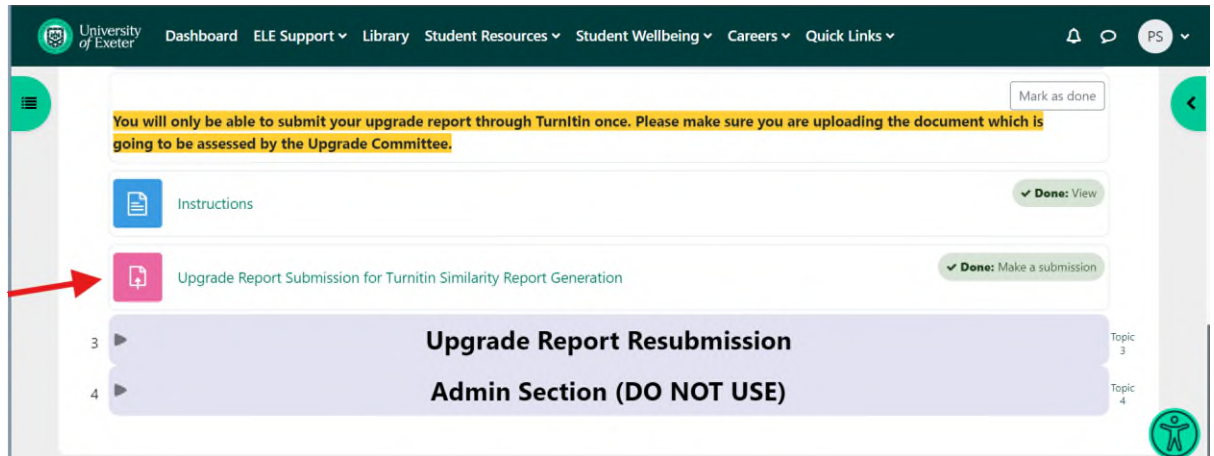
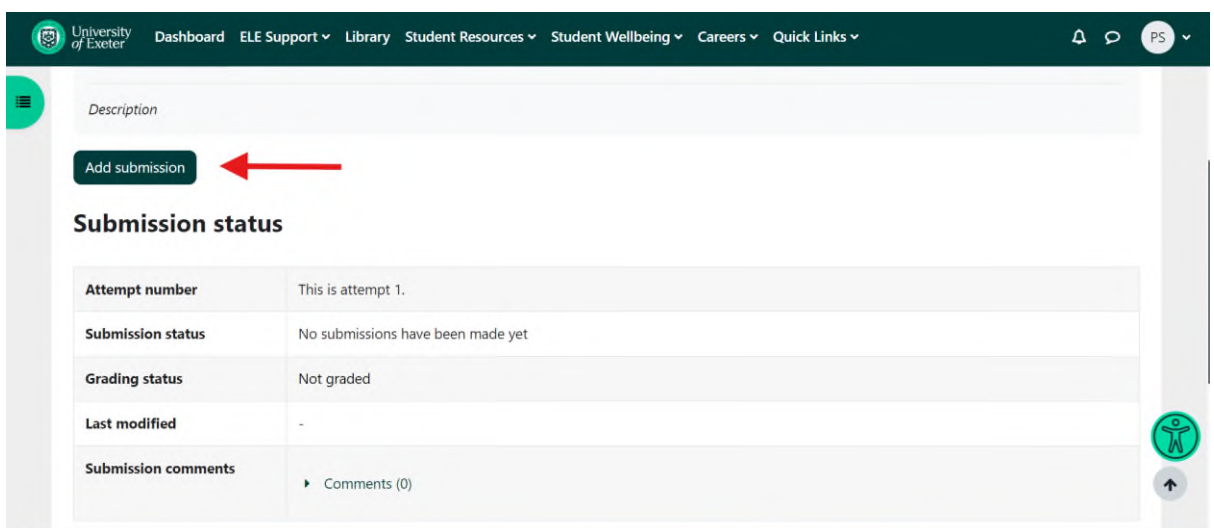


## Instructions for the Submission of an Upgrade Report to Turnitin via ELE2

1. Click Upgrade Report Submission for Turnitin Similarity Report Generation



2. Click on Add submission



### 3. Click on the file icon

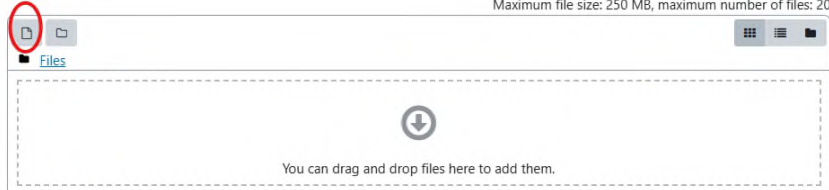
Description

**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

A file submission interface. At the top left, there is a 'Files' icon (a document with a plus sign) circled in red. To its right is a folder icon. Below these icons is a dashed rectangular box containing a large downward arrow icon and the text 'You can drag and drop files here to add them.' At the top right of the box are three small icons: a grid, a list, and a folder. At the bottom of the interface are two buttons: 'Save changes' and 'Cancel'.

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

## File picker

Recent files

Upload a file

Attachment

Choose file No file chosen

Save as

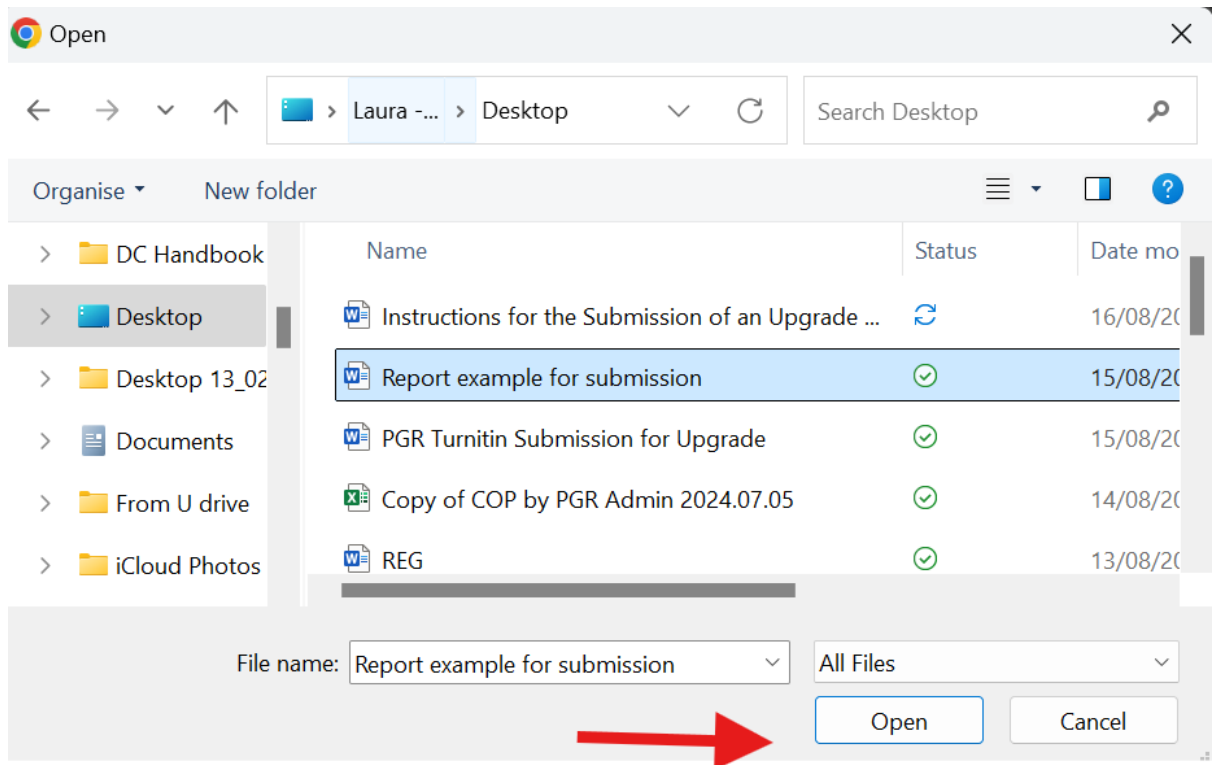
Author

PGR Student

Choose licence ?

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Upload this file



5. Save the file using the following structure and click to upload the file.

**Surname, Name Students Number – Upgrade report**

### File picker

Recent files

Upload a file

Attachment  
Choose file Report exam...mission.docx

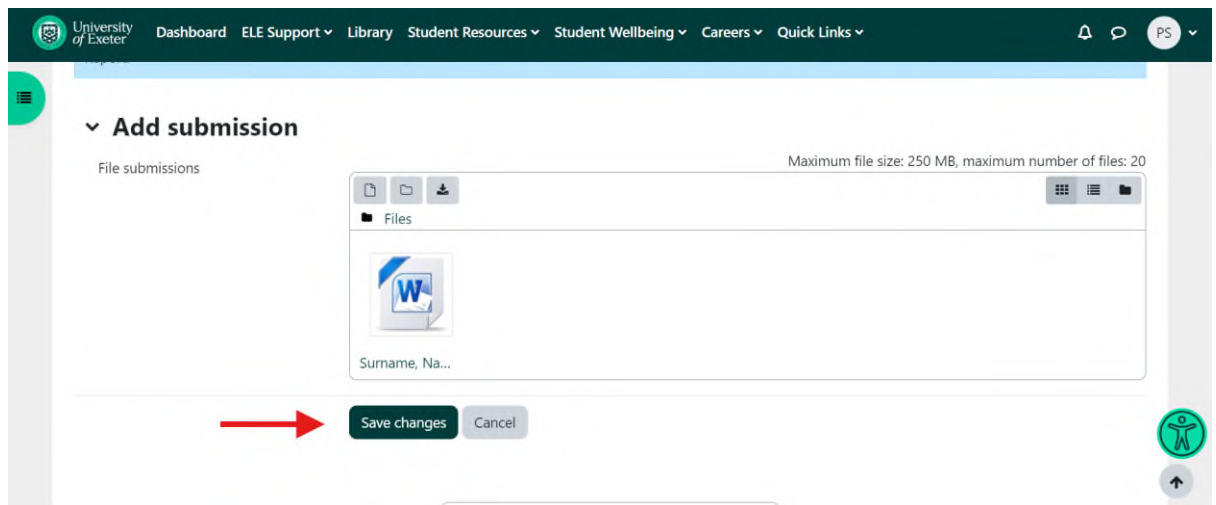
Save as  
Surname, Name, Student Number - Upgrade Report

Author  
PGR Student

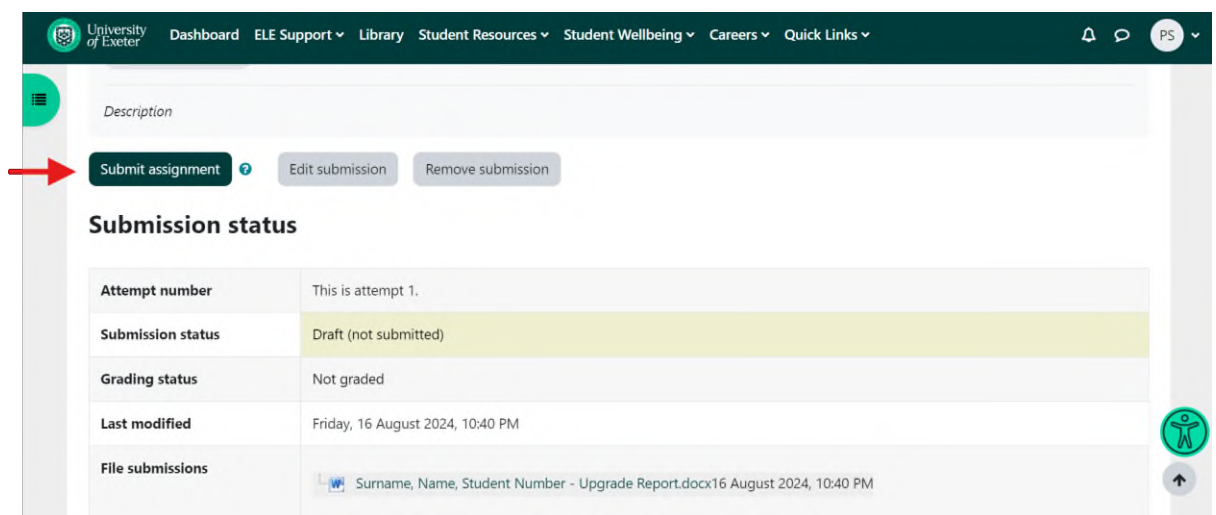
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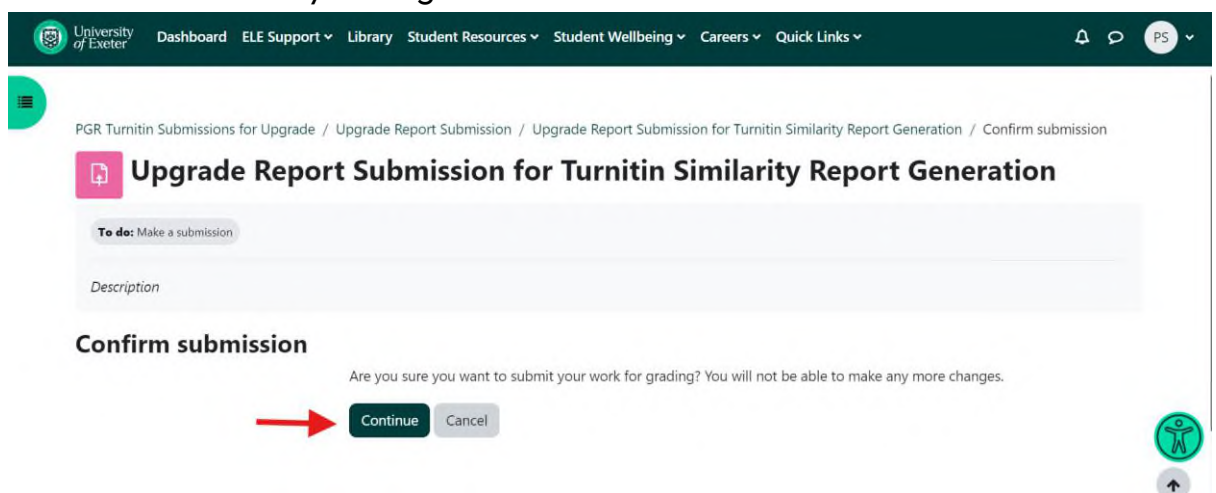
## 6. Save the changes



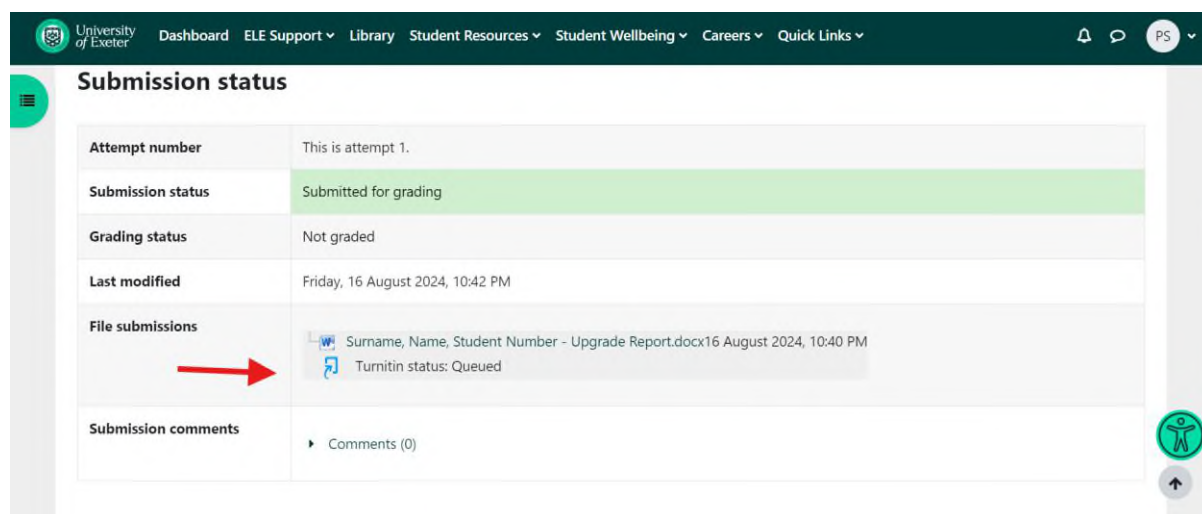
## 7. Submit your upgrade report to Turnitin



## 8. Confirm submission by clicking “continue”



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



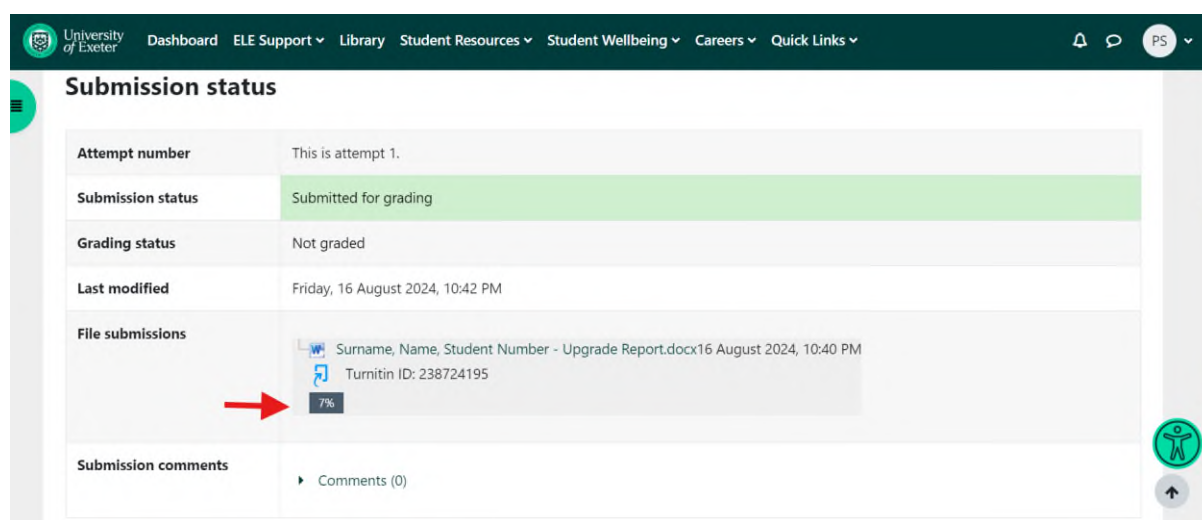
The screenshot shows the 'Submission status' page on the University of Exeter website. The page has a dark green header with navigation links: Dashboard, ELE Support, Library, Student Resources, Student Wellbeing, Careers, and Quick Links. The main content area is titled 'Submission status' and contains a table with the following information:

Attempt number	This is attempt 1.
Submission status	Submitted for grading
Grading status	Not graded
Last modified	Friday, 16 August 2024, 10:42 PM
File submissions	<div>Surname, Name, Student Number - Upgrade Report.docx16 August 2024, 10:40 PM</div> <div>Turnitin status: Queued</div>
Submission comments	Comments (0)

A red arrow points to the 'Turnitin status: Queued' text in the 'File submissions' section. On the right side of the page, there is a green circular icon with a person silhouette and an upward arrow.

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.

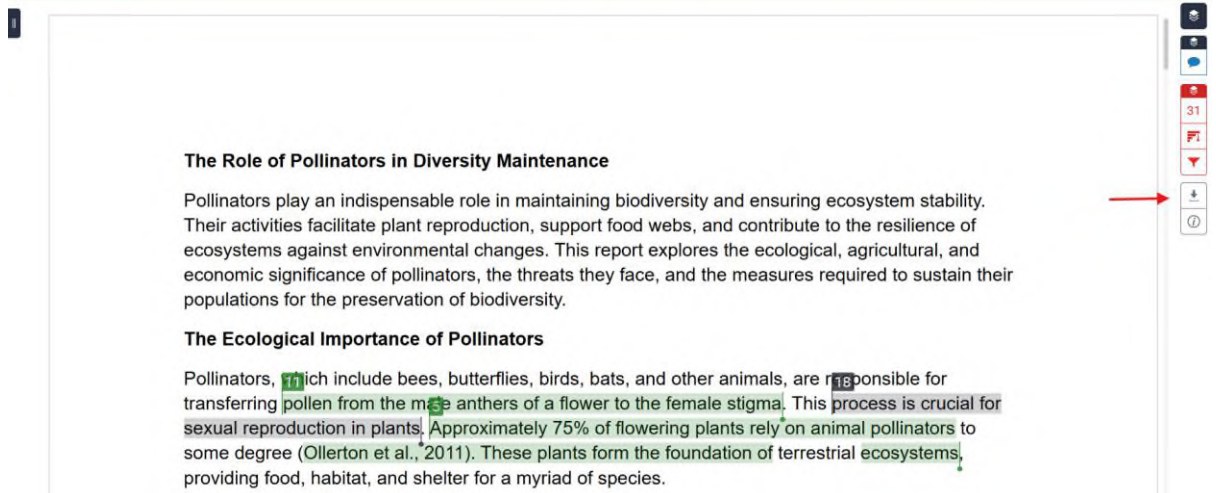


The screenshot shows the 'Submission status' page on the University of Exeter website, similar to the previous one. The table in the 'File submissions' section now shows a similarity score of 7%:

Attempt number	This is attempt 1.
Submission status	Submitted for grading
Grading status	Not graded
Last modified	Friday, 16 August 2024, 10:42 PM
File submissions	<div>Surname, Name, Student Number - Upgrade Report.docx16 August 2024, 10:40 PM</div> <div>Turnitin ID: 238724195</div> <div>7%</div>
Submission comments	Comments (0)

A red arrow points to the '7%' similarity score. The 'Turnitin status' is no longer visible. The green circular icon with a person silhouette and an upward arrow remains on the right side of the page.

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



The screenshot shows a document editor window titled 'feedback studio'. The document content is a report on pollinators. The title is 'The Role of Pollinators in Diversity Maintenance'. The first paragraph states: '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 second section is titled 'The Ecological Importance of Pollinators' and contains the following text: '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.' A red arrow points to the download icon in the right-hand toolbar.

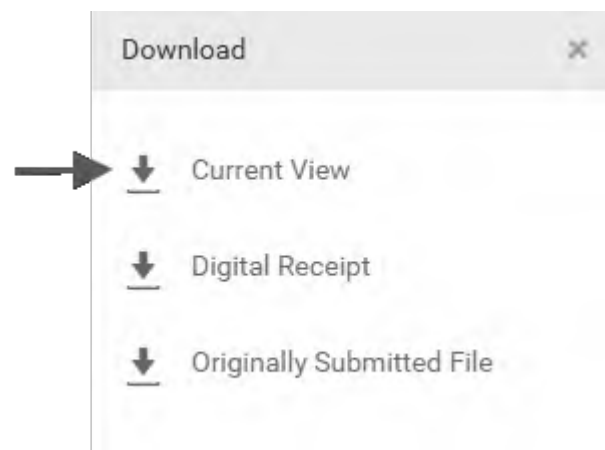
**The Role of Pollinators in Diversity Maintenance**

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 0000000000 - Upgrade Report.docx

*by PGR Student*

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**Submission ID:** 249625021

**File name:** 290543\_PGR\_Student\_Postgraduate\_\_Student\_0000000000\_-  
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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

20

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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