

Writing Scientific Reports

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PRESENTATION OUTLINE

- Title page
- Abstract
- Introduction
- Methodology
- Results
- Discussion
- Conclusion
- References

Report

- Precise
- Simple and Neat
- Understandable
- Take care to choose words to convey the correct meaning
- Consistent in style, spelling
- Keep the reader in mind

Title page

- Concise and specific title (explains the reader what the document is about)
- Author
- Submission date

Abstract

- Explains the study briefly (< 300 words).
- **Statement of the problem:** why it was necessary to do the research
- **Method:** How it was carried out
- **Results**
- **Conclusions**
- **Key words**

Do not forget.....

- Acknowledgement
- Table of content

Introduction

- Nature of the problem
- Scope
- Significance of the problem
- Background/ literature review

Method

- Methods used to conduct the experiments
- Include all details so that others familiar with the field could repeat the work.
- Experimental design
- Who, when, what and how
- Explain the calculations, Statistical analysis (software)
- Eg: Germination percentage =
$$\frac{\text{Number of seeds germinated}}{\text{Total number of seeds sown}}$$

Results

- Present the results that you got for each experiment
- Tables and figures
- Tables self explanatory

Discussion

- Interpret the results.
- Discuss the results and possible causes.
- Show how the results agree or disagree with previous findings
- Limitations of the findings, consequences and possible applications.
- Need for further study.

Conclusions and Recommendations

- Conclusions based on the analysis of the results.
- Highlight the significance of your work.

References

- Cite references to acknowledge whose work you have used the authors
- And to furnish enough information so that the reader can find the original source.
- **Books:** Necessary information on the title page.(Name of the authors, year of publication, Title, city where the book is published, name of the publishing company).
- **Journals:** Name of the authors, year of publication, title of the article, name of the journal, volume and issue number of the journal, page numbers of the article.

Book:

- Baskin, C.C. and J.M. Baskin, 1998. Seeds. Ecology, biogeography and evolution of dormancy and germination. Academic Press, San Diego.

Journal:

- Majda Khalil Suleiman, Narayana Ramachandra Bhat, Sheena Jacob and Rini Rachel Thomas, 2012. Effect of Rooting Hormones (IBA and NAA) on Rooting of Semi Hardwood Cuttings of *Capparis spinosa*, Journal of Agriculture and Biodiversity Research 1(7):135-139.

Thank You