the organization of a scientific paper

1. Title
2. Abstract
3. Introduction
4. Method(s) / optional
5. Results
6. Discussion / optional
7. Conclusions/ or concluding remarks
8. Figures/Tables
9. Figure/Table captions
10. References

https://dl.ipgp.fr/db4fgavw
Title
    .... an appropriate choice of title: concise, catchy, contains adequate key words..

eamples:

"Frontal wedge deformation near the source region of the 2011 Tohoku-Oki earthquake"

"Tidal triggering of microearthquakes on the Juan de Fuca Ridge"

"A multiparameter approach to volcano monitoring based on 4D analyses of seismo-volcanic and acoustic signals: The 2008 Mt. Etna eruption"
Abstract

Summary of:

- questions asked
- analytical methods and nature of analyzed data
- highlights of discussion
- main conclusions
Introduction

• general topic, outline of questions addressed in paper. Why are these questions important?

• previous work/data/observations concerning these questions

should include adequate references

may include short introduction on data and methods

may include indications on the organization of the paper

should not anticipate too much on the paper’s conclusions…
Method(s)
technical details on data acquisition…
analytical methods, precision etc.....
Results

Description of new data, observations, and / or modelling results.

No, or very little interpretation (but results may be presented in logical order to help reader figure out where you are leading to)...

Reader should NOT discover additional new data in later sections of the paper..

May include sub-chapters....
Discussion

discussion of results... this section may be skipped if results lead to straightforward conclusions

discussion should focus on the new results but replace them in a wider perspective.... it should therefore cite adequate references...

it may include sub-chapters, organized so as to progressively « build » the proposed interpretation

each sub-chapter may begin with a short outline of relevant observations... but this discussion section should not be a comprehensive summary of all the results...
Conclusion(s)

Summarize(s) - emphasize(s) the principal observations AND the main outcomes of the discussion

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Figures/Tables

Precise, clear
Conceptual sketches are recommended

Figure/Table captions

Precise...
Figure captions should be standalone if possible. Captions should not duplicate text
References

No scientific statement without a reference!

Who said what … first AND/OR most clearly ?

1. Title
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Tips to read a scientific paper.....

1. **Title and Abstract** / this is where I check that I'm really interested

3. **Introduction** / this is where I find what questions will be addressed and why the authors believe that these are important questions... this is also where I will find the background references on the paper's topics

4. **Method(s)** / this is where I'll find explanations of data acquisition, processing etc..

4. **Results**

4. **Discussion**

3. **Conclusions** / this is where I can list the conclusions of the paper... I will then go to the Method(s), Results and Discussion sections to check the evidence that supports these conclusions.

2. **Figures** / before I start reading the paper, I can look at Figures/Tables and read their captions.. this will give me an idea of the most important results.

References / I can make note of references and read these other papers to investigate the subject further
A 5 mn presentation of your paper to EILA students (en français)

- Quelle(s) est (sont) la (les) question(s)
- nature des données, méthodes d’acquisition et d’analyse
- Les points forts de la discussion
- Les principales conclusions
1 Quelle(s) est (sont) la (les) question(s)

2 nature des données, méthodes d'acquisition et d'analyse

3 Les points forts de la discussion

4 Les principales conclusions

Pour jeudi prochain, un mail à cannat@ipgp.fr
Avec un copié collé de phrases de l’article (12 maxi) sur ces 4 points
ACCES au site du cours : http://www.eila.univ-paris-diderot.fr/enseignement/lea/cours/linguistique/corpus-trad/index