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**DEPARTMENT OF AERONAUTICAL ENGINEERING**

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| **Programı :** | **Herhangi Program** |

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***To my family,***

PREFACE

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In this section, thanks are given to the institutions that supported the thesis and the people who helped. Below the preface text, name-surname is written right-aligned, and the date is written left-aligned in the form of month and year. These two elements align.

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After the styles of the headings in the text were set as "TITLE1", "TITLE2", etc., the table of contents was automatically created.

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ABBREVIATIONS

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**AIC :** Akaike Information Criteria

**ANN :** Artificial Neural Network

**App :** Appendix

**BP :** Backpropagation

**CGI :** Common Gateway Interface

**ESS :** Error sum-of-squares

**GARCH :** Generalized Autoregressive Conditional Heteroskedasticity

**GIS :** Geographic Information Systems

**HCA :** Hierarchical Cluster Analysis

**Mbps :** Megabits per second

**St :** Station

**SWAT**  **:** Soil and Water Assessment Tool

**UMN :** University of Minnesota

ABBREVIATIONS

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The abbreviation is written in bold, the description is written normally.

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LIST OF TABLES

LIST OF TABLES

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ÇİZELGE LİSTESİ

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For names that exceed one line, the lines must start from the same line as here.

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SYMBOL LIST

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**∝ :** Angle of Attack

**𝛒 air  :** Density of Air

**𝛒 water  :** Density of Water

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While preparing the summary, 1 line of space is left. In Turkish theses, the Turkish abstract should be 1-3 pages, not less than 300 words, and the English extended summary should be 3-5 pages.

For theses in English, the English abstract should be 1-3 pages, not less than 300 words, and the Turkish extended summary should be 3-5 pages.

In summaries, the subject discussed in the thesis is briefly introduced, the methods used and the results obtained are stated.

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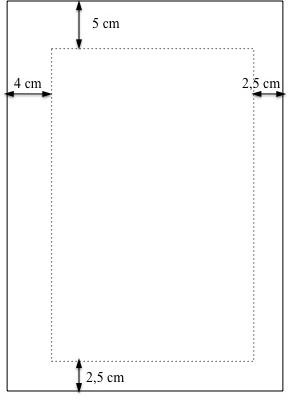
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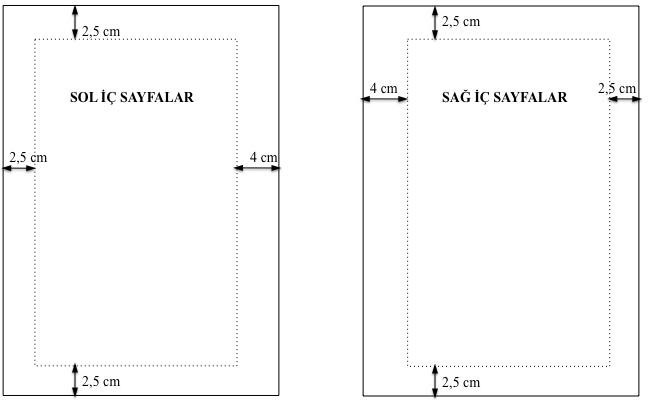
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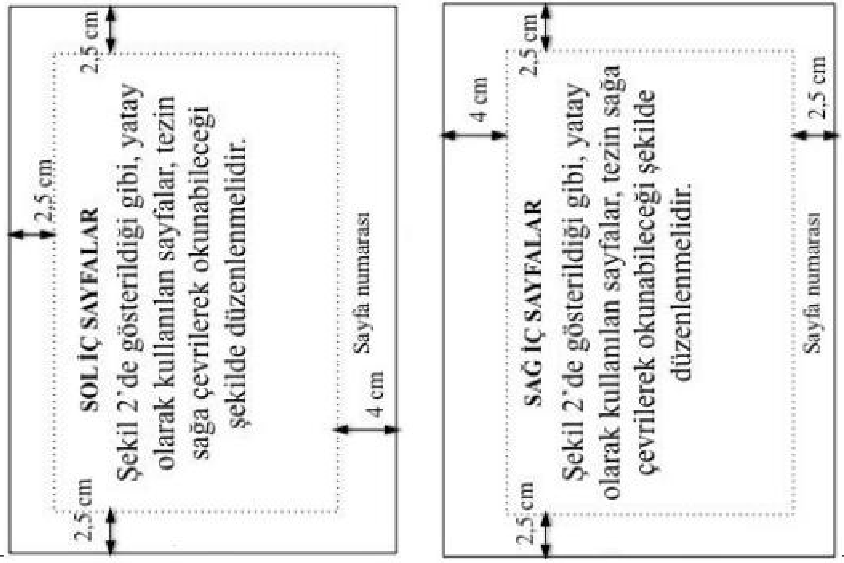
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**Shape 2.1a:** Right first page edge spaces.



**Figure 2.1b:** Left And Right drink pages margins.

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**Shape 2.2:** Horizontal page scheme.

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Short notes explaining an idea in the text are placed at the bottom of the page in 8 font size. can take. Notes exceeding 10 lines is given additionally.

Table And required in shapes whereas 8 posts to size much can be made smaller.

Tables are written with the font used in the thesis, the font used in the figures is thesis throughout itself must be consistent.

For long quotes written from the left margin, use 2 font sizes smaller. is used.

The text is written in upright and normal letters, **bold** letters are used in headings. *Italic* typeface only where necessary (e.g. Latin name, abbreviations, theory/definition) etc.) available.

comma And from point later a character space is left.

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The introduction section should start on the odd numbered (1st) page. That's why we left this even-numbered page blank.

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1. ENTRANCE

Thesis text **1.5 lines** It is written **intermittently** . Paragraphs should be arranged “justified”. 6 point spacing is left before and after paragraphs. There are no blank lines between paragraphs.

Headings cannot be written as the last line of the page. If 2 lines of text cannot be written after the heading, the heading will be on the next page. The first line of a paragraph cannot be written as the last line of the page, and the last line of the paragraph cannot be written as the first line of the page (as defined in printing as "widow and orphan").

All pages of the thesis are numbered, except for the outer and inner covers and their back pages.

Page numbers should be written in the font used for the text, and the font size should be 11 points for Times New Roman.

All headings in the thesis are written **in bold within the text** .

Titles of Turkish and English abstracts should be centered, and other titles should be "justified".

First-level headings should start from the right page in the reading direction and be written in capital and bold letters. (Example: **1. INTRODUCTION** )

Second order titles are written in bold and the first letters of the words forming the title are written in capital letters. (Example: **2.1 Process Capability Analysis** )

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* 1. Purpose of the Thesis

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* 1. Literature research

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1. Model structures.
   1. Hypothesis

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**Table 1.1:** Table with one row and centered columns.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Column A |  | Column B | Column C | Column D |
| Row A |  | Row A | Row A | Row A |
| Row B |  | Row B | Row B | Row B |
| Row C |  | Row C | Row C | Row C |

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1. INTEGRATED DATA
   1. Aim

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* 1. Internet Service Networks

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ÖRNEK

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1. Superstructures.

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* 1. Network Based Project Development

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**Table 2.1:** Table name must be ended with a period.

|  |  |  |  |
| --- | --- | --- | --- |
| Column A | Column B | Column C | Column D |
| Row A | Row A | Row A | Row A |
| Row B | Row B | Row B | Row B |
| Row C | Row C | Row C | Row C |

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1. CURRENT ESTIMATES
   1. Aim

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* + 1. Artificial neural networks

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ÖRNEK

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1. Nerve cell, adapted from Zadeh (1965).

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* + 1. Autoregressive models

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|  |  |
| --- | --- |
|  | ( 1)  Equations are aligned centered in the text block.  **This is a note, please delete before printing.** |

Parameters are explained one by one.

Equation numbers are aligned to the right and written in bold.

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* + 1. Process-based model: SWAT

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Figures are centered. The text of the two lines is aligned as shown by the red line.

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**ÖRNEK**

**ŞEKİL**

1. The important point in naming shapes with multiple lines   
   is that the lines start from the same line.

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* + 1. Multivariate analysis

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**ÖRNEK**

**ŞEKİL**

1. The sample figure name must be ended with a dot.

|  |  |
| --- | --- |
|  | ( 2) |

Equations are written with the equation editor and in accordance with the following rules. Equations are written with 1.5 line spacing.

6 point spacing is left before and after equations.

No blank lines are placed before or after equations. In this case, a 12-point space at the top and a 12-point space at the bottom will be left between the equations and the text.

The equations were centered in the text block.

Equations are numbered sequentially, starting from 1, provided that the section number is the first number in the relevant section. These numbers are in bold and, for example, in the first part (1.1), (1.2), in the second part (2.1), (2.2), and if necessary, the sub-expressions of the same equation are (1.1a) and (1.1b) at the top of the line where the equation is located. is written to the right.

Equations given in the Appendices section are numbered by indicating the section in which they are given. **(Example: A.1.1, A.1.2).**

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The page number is written at the bottom-middle of the short side of the page if the page is vertical, and at the bottom-middle of the long side if the page is horizontal.

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12

ÖRNEK ŞEKİL

1. Horizontal full page figure.
   1. Working area

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* 1. Application Data

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Reference at the end of the sentence

Reference at the beginning of the sentence

Numbered reference.

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Nelson (1988) analyzed lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum.

1. Naming a table with multiple rows on a landscape page: the important point is that the rows are aligned

The table is centered. The text of the two lines is aligned as shown by the red line. **This is a note, please delete before printing.**

14

The beginning is the example given here.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Parameter | Column 2 | Column 3 | Column 4 | | | Column 5 | |
| lower column | lower column | lower column | lower column | lower column |
| Row 1 | -7.680442 | 7.6986348 | 0.00 | 0.00 | 0.00 | 12 | 12 |
| Line 2 | 140 | - | 0.50 | 0.00 | 0.00 | 0 | 0 |
| Line 3 | 37.174357 | 37.16192697 | 0.00 | 0.00 | 0.00 | 0 | 24 |
| Line 4 | 140 | - | 0.50 | 0.00 | 0.00 | 0 | 0 |
| Line 5 | 37.174357 | 37.16192697 | 0.00 | 0.00 | 0.00 | 0 | 24 |
| Line 6 | 140 | - | 0.50 | 0.00 | 0.00 | 0 | 0 |
| Line 7 | 37.174357 | 37.16192697 | 0.00 | 0.00 | 0.00 | 0 | 24 |
| Line 8 | 140 | - | 0.50 | 0.00 | 0.00 | 0 | 0 |
| Line 9 | 37.174357 | 37.16192697 | 0.00 | 0.00 | 0.00 | 0 | 24 |
| Line 10 | 140 | - | 0.50 | 0.00 | 0.00 | 0 | 0 |
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| Line 12 | 140 | - | 0.50 | 0.00 | 0.00 | 0 | 0 |
| Line 13 | 37.174357 | 37.16192697 | 0.00 | 0.00 | 0.00 | 0 | 24 |
| Line 14 | 140 | - | 0.50 | 0.00 | 0.00 | 0 | 0 |
| Line 15 | 37.174357 | 37.16192697 | 0.00 | 0.00 | 0.00 | 0 | 24 |

Arkalı önlü baskılarda her bölümün ilk sayfasının (birinci derece başlıkların) okuma yönünde sağdaki sayfada olmasına dikkat edilir.

**Bu bir nottur, çıktı alamadan önce siliniz.**

1. IF REQUIRED SECTION 4

The first page of each section (first level headings) should be on the right page (odd numbered page) in the reading direction.

**This is a note, please delete before printing.**

Before first-level headings, 72-point spacing is left, and then 18-pt spacing is left.

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* 1. Application Area of the Study

Before second-level headings, 18-point spacing is left, and then 12-point spacing.

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* 1. How to Second Degree Title: Initial Letters Capitalized

Before second-level headings, 18-point spacing is left, and then 12-point spacing.

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* + 1. How is a tertiary title: first letter capitalized, others lowercase

Before the third and fourth level headings, 12 point spacing is left, and then 6 point spacing is left.

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Fifth degree title: not numbered after fourth degree

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**ÖRNEK ŞEKİL**

1. Example figure.

This indicates that the ANN is accurate at base flow and flow height values lower then 3 m.

**Table 4.1:** Table example.

|  |  |  |  |
| --- | --- | --- | --- |
| Column A | Column B | Column C | Column D |
| Row A | Row A | Row A | Row A |
| Row B | Row B | Row B | Row B |
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1. IF REQUIRED SECTION 5

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* 1. Application Area of the Study

In this thesis, the necessary steps for constructing an end-to-end streamflow forecasting system were discussed. These steps include the use

* 1. How to Second Degree Title: Initial Letters Capitalized

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How is a fifth degree title: first letter capitalized, others lowercase

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1. Sample figure in the fifth section.

This indicates that the ANN is accurate at base flow and flow height values lower then 3 m.

**Table 5.1:** Sample table in the fifth section.

|  |  |  |  |
| --- | --- | --- | --- |
| Column A | Column B | Column C | Column D |
| Row A | Row A | Row A | Row A |
| Row B | Row B | Row B | Row B |
| Row C | Row C | Row C | Row C |

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1. CONCLUSION AND RECOMMENDATIONS

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* 1. Application Area of the Study

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**EXAMPE**

**SHAPE**

1. Sample figure in the sixth section.

This indicates that the ANN is accurate at base flow and flow height values lower then 3 m.

**Table 6.1:** A table in the sixth chapter.

|  |  |  |  |
| --- | --- | --- | --- |
| Column A | Column B | Column C | Column D |
| Row A | Row A | Row A | Row A |
| Row B | Row B | Row B | Row B |
| Row C | Row C | Row C | Row C |

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RESOURCES​

SOURCES are listed from A to Z according to the author's surname.

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**Abrahart, R.J. and See, L.** ( 1998).Neural Network vs. ARMA Modelling: Constructing Benchmark Case Studies of River Flow Prediction.In GeoComputation '98.Proceedings of the Third International Conference on GeoComputation, University of Bristol, United Kingdom, 17–19 September (CD-ROM).

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There is no date.

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**Zuckerman, M. and Kieffer, S.C.** (in press). Race differences in face-ism: Does facialprominence imply dominance? *Journal of Personality and SocialPsychology* .

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**Url-1** *<http://www.mohid.com>* , date taken: 29.06.2006.

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Internet sources are given last.

If the author is unknown, the full link and date of receipt should be given.

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[1] **Abrahart, R.J. and See, L.** ( 1998).Neural Network vs. ARMA Modelling: Constructing Benchmark Case Studies of River Flow Prediction.In GeoComputation '98.Proceedings of the Third International Conference on GeoComputation, University of Bristol, United Kingdom, 17–19 September (CD-ROM).

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RESOURCES

Numbered notation is based on the order in which it is used in the text.

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The following rules should be followed when using the existing literature in the thesis. Detailed information about the resources can be found on the Faculty's websites and related links.

**quotes**

In general, quotations are made in accordance with the original in terms of words, spelling and punctuation. If there is a mistake in the quoted passage, the text is quoted verbatim, provided that the correct version is stated in square brackets.

Short quotes of less than forty words in length are placed in double quotes. At the end of the quote, a reference is made to the relevant source and a period is placed after the reference.

Long quotations of more than forty words are not shown in quotation marks. Long quotes are given 1 tab (1.27cm) from the left. In long internal quotations, a font 2 characters smaller is used. However, it is advisable to avoid too frequent and too long quotes. Unlike short quotations, punctuation is placed before the citation rather than after it. For example;.(p. 196).

Example of quotation at the beginning of the sentence;

According to Jones (1998), "Students had difficulty using APA style, especially when it was their first time" (p. 199).

Example of short quotes between sentences;

Interpreting these results, Robbins et al. (2003) suggested that the “therapists indrop out cases may have in advertently validated parental negativity about the adolescent without adequately responding to the adolescent's needs or concerns” (p.541) contributing to an overall climate of negativity.

Example of a short quote at the end of a sentence;

Confusing this issue is the overlapping nature of roles in palliativecare, where by “medicalneedsare met by those in the medical disciplines; “nonmedical needs may be addressed by anyone on the team” (Csikai&Chaitin, 2006, p. 112).

**Citations (representation of sources in text)**

**Citation by author surname**

References are given in the text by indicating the author's surname and date. The references page is sorted alphabetically according to the author's surname.

If the source in the text will be given at the beginning or within the sentence, it will be given as Boran (2003), if the source will be given at the end of the sentence (Boran, 2003). It is shown as . The dot mark is placed immediately after the source.

> When the source belongs to more than one author, if the number of authors is two, it is written as Yılmaz and Johnson (2004) at the beginning or in the sentence, and at the end of the sentence (Yılmaz and Johnson, 2004). It is written as .

> If the number of authors is more than two, use Yılmaz et al. at the beginning or within the sentence. (2004) and at the end of the sentence (Yılmaz et al., 2004). It is written as .

> Publications by the same author and published in the same year are numbered as Feray (2005a), Feray (2005b).

> Citing 2 or more works by the same author within the same brackets;

They can be shown in the same brackets, indicating the last published work as last. For example; Pastresearch (Gogel, 1990, 2006, in press).

> Referring to a specific part of the work; When referring to only a section, page, table, figure or equation of a work, the page number should always be indicated. When using the abbreviated form of the expression page, the abbreviation is not used in the expression "chapter" or "chapter" when referring to a section. For example;(Centers for Disease Control and Prevention, 2005, p. 10), (Shimamura, 1989, Chapter 3).

> Reference to 2 or more works within the same brackets; (Berndt, 2002; Harlow, 1983).

> Reference to personal communication in text;(V.–G. Nguyen, personal communication, September 28, 1998), (J. Smith, personal communication, August 15, 2009).

In the References section, the citations are listed according to the author's surname.

> Secondary source (if the cited source refers to another source) the original source is cited in the text and the author who cited the original source is cited in parentheses. In the reference list, only the source that refers to the original source is entered; No reference entry is made for the original source. Example: In his e-mails, Smith argued that asynchronous line dancing would be the next Internet meme (as cited in Jones, 2010).

**Citing by number**

They are numbered within square brackets [ ] within the text. The first source cited in the thesis starts with the number [1] and is numbered in order of publication.

Sources are cited in the text in the following formats.

[1] Source number 1,

[1-3] Between 1 and 3: (numbered 1, 2 and 3) sources,

[1,3] Sources 1 and 3,

[1,3,8] Sources 1, 3 and 8,

[1,3-8] Sources 1 and 3 through 8 (e.g. sources 1, 3, 4, 5, 6, 7 and 8 respectively).

For sources with more than one volume with the same name, a separate source number should be given for each volume used.

**Listing of sources**

All sources cited in the thesis should be listed in the 'References' section.

# In theses cited according to the author's surname, the list of references is listed alphabetically. # In theses cited according to the numbering method, sources are numbered and listed in the order in which they are cited in the thesis.

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To ensure distinction in citations, letters starting from a are added next to the date information (for example, Lorenz, 1963 and 1963a).

Single-authored works of the same author are listed before multi-authored works. If the first authors of two works with multiple authors are the same, the surname of the second author is the determining factor in the alphabetical order. If the second authors are the same, the surname of the third author is decisive in the alphabetical order.

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If the author is a legal entity, the work is included in the alphabetical list with the name of the legal entity that is the author.

If a work does not have an author or editor, the source is included in the alphabetical list from the name of the work, since the imprint will be prepared in the name of the work.

If the name of the work begins with a number, the pronunciation of the number is taken into account in the ranking.

**References should be written using 1 line spacing, as in other first headings (first 72 points, then 18 points).**

APPENDICES

**APPENDIX A:** Maps

**APPENDIX A**

The names of the ANNEX subsections are listed under the main heading APPENDICES. However, it is not written in the table of contents at the beginning of the thesis.

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| **aa3(c)** | **aa20(D)** |
| **aa5(to)** | **aa19**  **(f)** |

1. Regional maps: (a) Precipitation. (care. (c)Evapotranspiration…

In multiple figures, each different figure is lettered and explained one by one, if necessary (if each will be referenced in the text). If a general name is sufficient, there is no need for lettering in suffixes . This is a note, please delete before printing.

**Table A.1:** Example of a table in the Appendices.

|  |  |  |  |
| --- | --- | --- | --- |
| Column A | Column B | Column C | Column D |
| Row A | Row A | Row A | Row A |
| Row B | Row B | Row B | Row B |
| Row C | Row C | Row C | Row C |

Suffixes are given using alphabet letters. (Example: Annex A, Annex B, Annex C). For the subdivisions of the annexes, divisions such as Annex A1, Annex A2, Annex B1, Annex B2 can be made.

A cover page with the title ANNEXES is prepared for the first part of the Appendices section and the appendices in its content are listed with their numbers and names.

Each appendix section begins with the number and name of that appendix. Appendix A Name of the supplement…

Tables and figures given in the appendices section are numbered under the name of the appendix they are in. (Example: Table A.1, Table A.2, Figure A.1, Figure A.2)

Equations given in the appendices section are numbered under the name of the appendix they are in. (Example: (A 1.1), (A 1.2) )

Maps and similar attachments larger than A4 size should be given in this section, not in the text. If there are attachments such as index or dictionary, they should be given in this section.

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