<u>ISTANBUL TECHNICAL UNIVERSITY</u> ★ GRADUATE SCHOOL OF SCIENCE ENGINEERING AND TECHNOLOGY

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M.Sc. THESIS

Name SURNAME of student

Department of Civil Engineering

Structure Engineering Programme

Thesis Advisor: Prof. Dr. Name SURNAME

This part must be excluded in hardcover (indigo/black) versions.

MONTH YEAR OF DEFENSE

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Açıklamalı [İTÜ3]: OUTER COVER
For paperback and hardcover (indigo/black) versions.

Açıklamalı [İTÜ4]: Thesis titles more than 3 lines are not acceptable. If there is a special situation, please contact with your institution.

Açıklamalı [İTÜ5]: No titles, only Name and SURNAME must be written

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M.Sc. THESIS

Name SURNAME of student (Student ID)

Açıklamalı [İTÜ10]: No professional titles, only name and surname must be written

Department of Civil Engineering

Structure Engineering Programme

Thesis Advisor: Prof. Dr. Name SURNAME Thesis Co-Advisor: Prof. Dr. Name SURNAME

Açıklamalı [İTÜ11]: If there is not a co-advisor, that line is

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Yapı Mühendisliği Programı

Tez Danışmanı: Prof. Dr. Ad SOYAD (Varsa) Eş Danışman: Doç. Dr. Ad SOYAD

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Name-surname, a M.Sc./a Ph.D. student of İTU Graduate School of Science Engineering and Technology student ID, successfully defended the thesis/dissertation entitled "THESIS TITLE", which he/she prepared after fulfilling

Açıklamalı [İTÜ17]: M.Sc. or Ph.D.

Açıklamalı [İTÜ18]: Advisor name (s) is not rewritten to the jury members part.

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Date of Submission: 17 December 2014

Date of Defense : 21 January 2015

To my spouse and children,

Açıklamalı [İTÜ22]: Dedication page (optional) must be placed before the foreword and numbered.

FOREWORD

For the foreword, 1 line spacing must be set. The foreword, written as a first page of the thesis must not exceed 2 pages.

The acknowledgements must be given in this section.

After the foreword text, name of the author (right-aligned), and the date (as month and year) must be written (left-aligned). These two expressions must be in the same line. The foreword is written with 1 line spacing.

December 2014

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Açıklamalı [İTÜ23]: The date and the name of author must be on the same line.

Açıklamalı [İTÜ24]: Margins are set from the "Page Setup" section settings as "Mirror Margins". Bottom, upper and outer margins are set to 2.5 cm, and the inner margin is to 4 cm. The changes are applied to the entire document.

Açıklamalı [İTÜ25]: This even page is intentionally left blank to ensure the "Table of Contents" starts on an odd page.

TABLE OF CONTENTS

	Page
FOREWORD	ix
TABLE OF CONTENTS	xi
ABBREVIATIONS	xiii
SYMBOLS	
LIST OF TABLES	xvii
LIST OF FIGURES	
SUMMARY	xxi
ÖZET	
1. INTRODUCTION – MAIN TITLES (FIRST LEVEL TITLE)	
1.1 Purpose of Thesis (Second Level Title: First Letters Capital)	
1.1.1 Third level title: Only first letter capital	
1.1.2 Third level title	
1.1.2.1 Fourth level title: Only first letter capital	
1.1.2.2 Fourth level title: Only first letter capital	
1.2 Literature Review	
1.3 Hypothesis	
2. TABLES AND FIGURES	
2.1 Figure Citations and Figure Example	
2.2 Landscape-oriented, full-page figure	
2.3 Table Citations and Table Example	
2.4 Landscape-oriented, full-page table	
3. MAIN TEXT BODY	
3.1 Body Texts	
3.1.1 Page Margins	
3.1.2 Equations	
3.1.3 Process based model: SWAT	
3.1.4 Multi variable analysis	
3.2 Practical Applications	
3.3 Application Data	
4. REFERENCES, QUOTINGS AND FOOTNOTES	
4.1 Citing (indication of references in main text body)	
4.1.1 Citing according to surname of author	
4.1.2 Citing according to order of appearance	
4.2 Quoting	
4.3 Footnotes	
4.4 Second Level Title: First Letters Capital	
4.4.1 Third level title: Only first letter capital	
4.4.1.1 Fourth level title: Only first letter capital	
5. (IF NECESSARY) CHAPTER 5	
5.1 Practical Application of This Study	25
5.2 Second Level Title: First Letters Capital	
5.2.1 Third level title: Only first letter capital	25

Açıklamalı [İTÜ26]: 1 line spacing for TABLE OF CONTENTS

- The expression Page is right-aligned.
 For main titles including page information (Table of Contents, List of Tables, List of Figures, etc), it's recommended to set 6 pt before and 12 pt after paragraph spacing.
 Table of contents was created automatically by setting title styles as Title1, Title 2, etc.

Açıklamalı [İTÜ27]: "Page" text is underlined and the page numbers are aligned under the text.

5.2.1.1 Fourth level title: Only first letter capital	25
6. CONCLUSIONS AND RECOMMENDATIONS	
6.1 Practical Application of This Study	
6.2 Second Level Title: First Letters Capital	
6.2.1 Third level title: Only first letter capital	
6.2.1.1 Fourth level title: Only first letter capital	
REFERENCES	
APPENDICES	
APPENDIX A	
CURRICULUM VITAE	37

ABBREVIATIONS

Açıklamalı [İTÜ28]: This section is removed if there is no abbreviations.

Açıklamalı [İTÜ29]: 1 line spacing is set. The abbreviation is bold, whereas the description is not.

AIC : Akaike Information Criteria ANN : Artificial Neural Network

: Appendix

App BP

: Backpropagation: Common Gateway Interface \mathbf{CGI} **ESS** : Error sum-of-squares

: Generalized Autoregressive Conditional Heteroskedasticity : Geographic Information Systems **GARCH**

GIS **HCA** : Hierarchical Cluster Analysis

Mbps : Megabits per second

St : Station

SWAT : Soil and Water Assessment Tool

UMN : University of Minnesota

xiii

xiv

SYMBOLS

Açıklamalı [İTÜ30]: This section is removed if there is no symbols.

Açıklamalı [İTÜ31]: 1 line spacing is set. The symbol is bold, whereas the description is not.

C : Capacitance

H : The amount of heat

M_x, M_y, M_{xy} : Torque Components

N_x, N_y, N_{xy} : Normal Power Components

q : Phase load t : Time

u,v : Displacement Vector Components

w : Angular velocityXC : Capacitive reactanceXL : Inductive reactance

 α : Angle of deviation from the direction of the principal stresses

 ρ : Density

 $\sigma_x,\,\sigma_y,\,\sigma_{xy}$: Shell internal stresses

LIST OF TABLES

<u>r</u>	age
Table 2.1 : Table with single row and centered columns.	9
Table 2.2: Table captions must be ended with a full stop	. 10
Table 2.3: Captioning in landscape-oriented pages: the most important aspect is t	O.
align the lines horizontally. lorem ipsum dolor sit amet, consetetu	. 11
Table 4.1: Example table	. 23
Table 5.1 : Example table in chapter 5	. 26
Table 6.1: Example table in chapter 6	. 28
Table A.1 : Example table in appendix	.35

Açıklamalı [İTÜ32]: For List of Tables, 1 line spacing must be set.

Alignment in this table was set with paragraph settings. Page numbers were entered manually.

Açıklamalı [İTÜ33]: All lines of multi-line captions must be aligned!

xviii

LIST OF FIGURES

<u>I</u>	Page
Figure 2.1: All tables and figures must be horizontally centered on the page	5
Figure 2.2: Example figure	
Figure 3.1: Landscape-oriented, full-page figure	
Figure 3.2: Neuron cell, adapted from (Çetin, 2003)	
Figure 3.3: For multi-line figure captions, it is important that all the lines of the	
caption are aligned.	
Figure 3.4: Figure captions must be ended with a full stop.	
Figure 4.1: Example figure.	23
Figure 5.1: Example figure in chapter 5.	
Figure 6.1: Example figure in chapter 6.	
Figure A 1 · Regional mans: (a) Rain (b) Flow (c) Evanotranspiration	34

Açıklamalı [İTÜ34]: For List of Figures, 1 line spacing must be set.

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THESIS TITLE IN ENGLISH HERE

Açıklamalı [İTÜ36]: Thesis title centered in summaries.

SUMMARY

Açıklamalı [İTÜ37]: "SUMMARY" is aligned to the centered.

Il line spacing must be set for summaries. For theses in Turkish, the summary in Turkish must have 300 words minimum and span 1 to 3 pages, whereas the extended summary in English must span 3-5 pages.

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References, figures and tables must not be given in Summary.

Above the Summary, the thesis title in first level title format (i.e., 72 pt before and 18 pt after paragraph spacing, and 1 line spacing) must be placed. Below the title, the expression **ÖZET** (for summary in Turkish) and **SUMMARY** (for summary in

English) must be written horizontally centered.

It is recommended that the summary in English is placed before the summary in Turkish.

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xxiv

TÜRKÇE TEZ BAŞLIĞI BURAYA YAZILIR

Açıklamalı [İTÜ39]: Thesis title centered in summaries.

ÖZET

Açıklamalı [İTÜ40]: "ÖZET" is aligned to the center.

I line spacing must be set for summaries. For theses in Turkish, the summary in Turkish must have 300 words minimum and span 1 to 3 pages, whereas the extended summary in English must span 3-5 pages.

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Açıklamalı [İTÜ41]: 1 line spacing must be set for summaries.

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Açıklamalı [İTÜ42]: Introduction chapter must start on an odd page (Page 1.) Thus, this blank page was added intentionally.

xxviii

1. INTRODUCTION – MAIN TITLES (FIRST LEVEL TITLE)

First level titles must be in capitals and bold (i.e. **1. INTRODUCTION**), and placed on an odd page in the direction of reading.

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1.1 Purpose of Thesis (Second Level Title: First Letters Capital)

Second level titles must be bold and the first letter of each word in the title must be capital (i.e. **2.1 Process Qualification Analysis**).

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1.1.1 Third level title: Only first letter capital

Third and fourth level titles must be bold and only the first letter of the word the title begins with must be capital (i.e. 2.1.1 Process analysis using a histogram or 3.1.1.2 Process analysis steps).

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Açıklamalı [İTÜ43]: All of the letters are written UPPERCASE and **BOLD** for main titles.

72-point gap before and 18-point gap after the main titles are left (these settings are arranged in the thesis template).

Açıklamalı [İTÜ44]: For main titles including page information (Dedication, Preface, Table of Contents, Abbreviations, Symbols, List of Table, List of Figures, Thesis Chapters, References, Appendices, Curriculum Vitae, etc), must be set to start on an odd

Açıklamalı [İTÜ45]: Thesis is initiated with the first chapter. Page numbers start from Page 1.

Açıklamalı [İTÜ46]: Texts are written as justified with 1.5 line spacing.

Açıklamalı [İTÜ47]: Secondary, tertiary, quaternary titles are opened if it is more than two. Namely, if there is no 1.1.2 title, 1.1.1 subtitle is not opened. No subtitles are opened and left alone as 4.1 or 2.3.1. So, if there is not a section as 4.2, in that case no section 4.1, too.

Açıklamalı [İTÜ48]: The first <u>letter</u> of each word is Uppercase and the whole words are written **Bold** in secondary titles.

Açıklamalı [İTÜ49]: Only the first <u>letter</u> of the <u>first</u> word is Uppercase and the whole words are written **Bold** in tertiary/quaternary titles.

1.1.2 Third level title

Third and fourth level titles must be bold and only the first letter of the word the title begins with must be capital (i.e. **2.1.1 Process analysis using a histogram** or **3.1.1.2 Process analysis steps**).

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1.1.2.1 Fourth level title: Only first letter capital

Third and fourth level titles must be bold and only the first letter of the word the title begins with must be capital (i.e. **2.1.1 Process analysis using a histogram** or **3.1.1.2 Process analysis steps**).

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1.1.2.2 Fourth level title: Only first letter capital

Third and fourth level titles must be bold and only the first letter of the word the title begins with must be capital (i.e. **2.1.1 Process analysis using a histogram** or **3.1.1.2 Process analysis steps**).

Fifth level title: No numbering after fourth level titles

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Açıklamalı [z50]: Secondary, tertiary, quaternary titles are opened if it is more than two. Namely, if there is no 1.1.2 title, 1.1.1 subtitle is not opened. No subtitles are opened and left alone as 4.1 or 2.3.1. So, if there is not a section as 4.2, in that case no section 4.1,

Açıklamalı [İTÜ51]: Only the first <u>letter</u> of the <u>first</u> word is Uppercase and the whole words are written **Bold** in tertiary/quaternary titles.

Açıklamalı [İTÜ52]: Only the first <u>letter</u> of the <u>first</u> word is Uppercase and the whole words are written **Bold** in tertiary/quaternary titles.

Açıklamalı [İTÜ53]: Fifth and lower degrees of the titles are not numbered, not included in the list of contents.

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1.2 Literature Review

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1.3 Hypothesis

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2. TABLES AND FIGURES

Açıklamalı [**z54**]: First level titles must be in capitals and bold (i.e. **1. INTRODUCTION**), and placed on an odd page in the direction of reading.

2.1 Figure Citations and Figure Example

Tables and figures given in appendices must be numbered with the number of the appendix they are in (i.e. Table A.1, Table A.2, Figure A.1, Figure A.2).

In tables and figures, font size could be reduced to 8 pt, if necessary.

Tables must be prepared using the same font type as the thesis. The font type used in figures must be consistent throughout the thesis.

Tables and figures must be placed after they are first cited in the main text body, but must be as close as possible, in accordance with the rules in this guideline (Figure 2.1). All tables and figures must be cited before they are used in the main text body (Table 1.1).

All tables and figures must be horizontally centered on the page.



Figure 2.1: All tables and figures must be horizontally centered on the page.

The numbering of the tables and the figures must be such that the first number is the number of the chapter the table/figure is placed under (for appendices, the letter of the appendix), and the second number is the number of order (i.e. Table 1.2, Figure 3.5, Table A.1, Figure B.5). The words "Table" and "Figure" and numbers must be bold.

For table numbers and captions, 1 line spacing, 12 pt (before) and 6 pt (after) paragraph spacing must be set. Table captions must be ended with a full stop. A table and its caption must be on the same page.

Açıklamalı [z55]: Numbers and captions must be written below for figures, and horizontally centered on the line. Figure captions must be ended with a full stop. Multiple tables/figures could be placed on one page, however, table/figures spanning more than 4 consecutive pages must be given in appendices rather than the main text body.

The first paragraph following a table must have 12 pt (before) and 6 pt (after) paragraph spacing. Titles following a table must have the standard formatting as previously specified.

Footnotes for a table must be written with 1 line spacing and a font size 2 pt smaller than the main text body.

For figure numbers and captions, 1 line spacing, 6 pt (before) and 12 pt (after) paragraph spacing must be set. Figure captions must be ended with a full stop. A figure and its caption must be on the same page.

For figures spanning more than one page, the same number and caption must be written below the continued figure, with the expression "continued" added in brackets (i.e. **Table 1.1 (continued):** Metal composition of wastes. **Figure 1.1 (continued):** Water supply network of İstanbul.).

Plots, images and musical notes must be numbered and captioned as figures. Musical notes must be written according to the format rules set by the İTU School of Traditional Turkish Music.

It is recommended that elements that increase the page thickness and disrupt the binding structure of theses such as folded pages or additional items embedded on pages are given as appendices.

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Açıklamalı [z56]: It must be necessarily mentioned at least once before the figures and tables. After referring to a figure or table it is placed to the closest and convenient location. Convenient location may be just after, or after one or more pages. If there are explanations about the figure or table, they can be mentioned either before the figure/table or after.

References in the text made to figures and tables are <u>not written</u> as

EXAMPLE FIGURE

Figure 2.2: Example figure.

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2.2 Landscape-oriented, full-page figure

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EXAMPLE FIGURE

Figure 3.1: Landscape-oriented, full-page figure.

Açıklamalı [İTÜ57]: For full-page figures, page numbers must be on the bottom-middle of short side (when portrait-oriented), or bottom-middle of long side (when landscape-oriented)

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2.3 Table Citations and Table Example

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 Table 2.1 : Table with single row and centered columns.

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Açıklamalı [z58]: It must be necessarily mentioned at least once before the figures and tables. After referring to a figure or table it is placed to the closest and convenient location. Convenient location may be just after, or after one or more pages. If there are explanations about the figure or table, they can be mentioned either before the figure/table or after.

References in the text made to figures and tables are <u>not written</u> as

Açıklamalı [İTÜ59]: Table description text is centered and finished with a full stop.

Açıklamalı [İTÜ60]: The number and description of each table is

Açıklamalı [İTÜ61]: • Gridlines are not used in tables. They must be prepared as shown in sample table

- must be prepared as shown in sample table.

 The top line should be double. One line below the first row containing the column headings. And one line at the bottom of the table. If the first column contains the name of the line, then one line is added to the right of the first column.
- If necessary the font size can be reduced to 8pt in the figures or tables.
- Table content is not written as bold. Preferably used if necessary and contains column and row names at 1st row and 1st column.
- •Please see the Thesis Guideline for all of the details.

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Table 2.2: Table captions must be ended with a full stop.

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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2.4 Landscape-oriented, full-page table

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Table 2.3 : Captioning in landscape-oriented pages: the most important aspect is to align the lines horizontally. lorem ipsum dolor sit amet, consetetu.

Parametre Column 2		Column 3		Column 4			Column 5	
			Sub-column	Sub-column	Sub-column	Sub-column	Sub-column	
Row 1	-7.680442	7.6986348	0.00	0.00	0.00	12	12	
Row 2	140	-	0.50	0.00	0.00	0	0	
Row 3	37.174357	37.16192697	0.00	0.00	0.00	0	24	
Row 4	140	-	0.50	0.00	0.00	0	0	
Row 5	37.174357	37.16192697	0.00	0.00	0.00	0	24	
Row 6	140	-	0.50	0.00	0.00	0	0	
Row 7	37.174357	37.16192697	0.00	0.00	0.00	0	24	
Row 8	140	-	0.50	0.00	0.00	0	0	
Row 9	37.174357	37.16192697	0.00	0.00	0.00	0	24	
Row 10	140	-	0.50	0.00	0.00	0	0	
Row 11	37.174357	37.16192697	0.00	0.00	0.00	0	24	
Row 12	140	-	0.50	0.00	0.00	0	0	
Row 13	37.174357	37.16192697	0.00	0.00	0.00	0	24	
Row 14	140	-	0.50	0.00	0.00	0	0	
Row 15	37.174357	37.16192697	0.00	0.00	0.00	0	24	

Açıklamalı [İTÜ62]: Caption must be centered according to table. Text on two lines must be aligned.

Table 2.3 (continued): Captioning in landscape-oriented pages: the most important aspect is to align the lines horizontally. lorem ipsum dolor sit amet, consetetu.

Parametre	Column 2	Column 3		Column 4			mn 5
			Sub-column	Sub-column	Sub-column	Sub-column	Sub-column
Row 16	-7.680442	7.6986348	0.00	0.00	0.00	12	12
Row 17	140	-	0.50	0.00	0.00	0	0
Row 18	37.174357	37.16192697	0.00	0.00	0.00	0	24
Row 19	140	-	0.50	0.00	0.00	0	0
Row 20	37.174357	37.16192697	0.00	0.00	0.00	0	24
Row 21	140	-	0.50	0.00	0.00	0	0
Row 22	37.174357	37.16192697	0.00	0.00	0.00	0	24
Row 23	140	-	0.50	0.00	0.00	0	0

Açıklamalı [İTÜ63]: Table/figure numbers and names are repeated for each new page for tables and figures exceeding one page. (continued) is written in parentheses after the number of tables and figures.

3. MAIN TEXT BODY

3.1 Body Texts

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. Stet clita kasd gub rgren, no sea takimata sanctus est Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut lab ore sit et dolore magna.

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3.1.1 Page Margins

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The gap at the bottom of the page is 2.5 cm.

Keeping more redundant space is incorrect. So, this gap should not be. Texts, tables, figures, etc. in the pages must be arranged considering this situation.

- Figures, tables can be enlarged and be reduced.
- The explanations except from the first reference about the figure or table can be placed either before the figure/table or after.
- After referring to a figure or table it is placed to the closest and convenient location. Convenient location must be arranged considering the gap at the bottom of the page.

Açıklamalı [İTÜ64]: Body texts are written as justified.

Açıklamalı [İTÜ65]: Page margins must be set as specified in thesis guideline.

Açıklamalı [İTÜ66]: The gap on the previous page can be fulfilled by reducing this figure in size or by scrolling from the text continues below the figure to the upper part.

EXAMPLE FIGURE

Figure 3.2: Neuron cell, adapted from (Çetin, 2003).

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3.1.2 Equations

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Açıklamalı [İTÜ67]: Equation numbers are <u>not written</u> bold in the text

$$y_t = \phi_1 \cdot y_{t-1} + \varepsilon_t$$

Each parameter is described. As seen in equation 3.1, or in 3.1. Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore equation 3.1'in magna aliquyam erat.

3.1.3 Process based model: SWAT

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EXAMPLE FIGURE

Figure 3.3: For multi-line figure captions, it is important that all the lines of the caption are aligned.

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Açıklamalı [İTÜ68]: Equations must be centered

Açıklamalı [İTÜ69]: Equation numbers are right-aligned and <u>not written</u> bold.

Acıklamalı [z70]: When writing equations in the text,"e" is not be capitalized

Açıklamalı [İTÜ71]: For multi-line figure captions, it is important that all the lines of the caption are aligned.

3.1.4 Multi variable analysis

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EXAMPLE FIGURE

Figure 3.4: Figure captions must be ended with a full stop.

$$D(C_A, C_B) = \min X_A \in C_A, X_B \in C_B d(X_A, X_B)$$
(3.2)

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Açıklamalı [İTÜ72]: The gap on the previous page can be fulfilled by reducing this figure in size or by scrolling from the text continues below the figure to the upper part.

3.2 Practical Applications

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3.3 Application Data

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4. REFERENCES, QUOTINGS AND FOOTNOTES

In this section, information will be given about how citations, quotings and footnotes should be.

4.1 Citing (indication of references in main text body)

4.1.1 Citing according to surname of author

References are cited with the surname of author and year. In the references section, the references are listed alphabetically according to the surname of the author.

Citing of a reference at the beginning of or within a sentence must be as Boran (2003), whereas a citation at the end of a sentence must be as (Boran, 2003). The full-stop is placed directly after the citation.

A reference with two authors must be cited as Yılmaz and Johnson (2004) at the beginning of or within a sentence, or as (Yılmaz and Johnson, 2004) at the end of a sentence.

A reference with more than two authors must be cited as Yılmaz et al. (2004) at the beginning of or within a sentence, or as (Yılmaz et al, 2004) at the end of a sentence.

Different publications of an author published in the same year must be cited as Feray (2005a), Feray (2005b).

While citing a part of a publication; the number of the page the cited material (chapter, table, figure, or equation) is on must be indicated. While citing, the expression "page" must be abbreviated, but "chapter" must not. For example; (Centers for Disease Control and Prevention, 2005, p. 10), (Shimamura, 1989, Chapter 3).

Citing multiple publications in one pair of brackets; (Berndt, 2002; Harlow, 1983)

Citing personal communication in main text body; (V.–G. Nguyen, personal communication, September 28, 1998), (J. Smith, personal communication, August 15, 2009).

Açıklamalı [İTÜ73]: Citing must be according to the surname of author or in the numeric order method. Just one of them (numbered or author) must be selected and used through the whole thesis.

In the references section, reference tags must be listed according to the surname of author.

For citing of secondary references (In case the reference cites another reference), the secondary reference must be cited in brackets. In the references section, the reference tag is organized according to the secondary reference, the original reference must not be used as a tag. For example; In his e-mails, Smith argued that asynchronous line dancing would be the next Internet meme (as cited in Jones, 2010).

4.1.2 Citing according to order of appearance

References are cited by numbering and indicating the number in square brackets ([]) in the main text body. The first reference cited in a thesis is numbered [1] and the following references are numbered according to the order of appearance.

In the main text body, references must be cited as specified below:

- [1] Reference no. 1
- [1-3] References from no.1 to 3 (thus, references 1,2 and 3)
- [1,3] References no. 1 and 3
- [1,3,8] References no.1, 3 and 8

[1,3-8] References no.1, and from no.3 to 8 (thus, references 1, 3, 4, 5, 6, 7 and 8)

Different volumes of a reference must be cited and numbered individually.

4.2 Quoting

Generally, quoting is done by remaining faithful to the original text in terms of words, spelling and punctuation. In case there is a mistake, the correct version is written in square brackets in the quoted text.

Short quotations (not longer than 40 words) must be given in quotation marks. Following the text quoted, the reference must be written and a full-stop must be placed afterwards.

Quotations longer than 40 words must not be shown in quotation marks. Instead, they must be indented 1 tab space (1.27 cm) from the left side of the page. The font size for long quotations indented from the left must be 2 pt smaller than the font size used in

main text body. However, it is not advised to quote very long texts and to quote very frequently. Unlike short quotations, references of long quotations must be placed after the full stop. (i.e., .(p.196))

Example for a quotation at the beginning of a sentence;

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

Example for a quotation in the middle of a sentence;

Interpreting these results, Robbins et al. (2003) suggested that the "therapists in dropout cases may have inadvertently 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 for a quotation at the end of a sentence;

Confusing this issue is the overlapping nature of roles in palliative care, whereby "medical needs are met by those in the medical disciplines; nonmedical needs may be addressed by anyone on the team" (Csikai & Chaitin, 2006, p. 112).

Detailed information on quoting could be found on websites of Graduate Schools and associated links.

4.3 Footnotes

Footnotes could be used in theses to add content-expanding, content-enhancing, or additional information

Footnote numbers must be placed directly after a quotation. In case the quotation is a paragraph, the footnote numbers must be placed directly after the last word of the paragraph (as superscript). In case the quotation is a concept or a noun, footnote numbers must be placed directly after that concept or noun (as superscript).

Açıklamalı [274]: Reference display can not be done with footnotes. Footnotes could be used in theses to add content-expanding, content-enhancing, or additional information. If these informations must include references, these references must be indicated in References section.

¹ Reference display can not be done with footnotes. Footnotes could be used in theses to add content-expanding, content-enhancing, or additional information. If these informations must include references, these references must be indicated in References section.

Footnote numbers in the main text body must be indicated as subscript2, as shown. A punctuation mark must not be placed after the number.

Footnotes must be written with a font size by pt smaller than the main text body font size.

1 space must be set between footnote line and footnote number, 1/2 space must be set between footnote number and the first line of the footnote. Footnotes must be separated from the main text body with a thin horizontal line.

Detailed information on footnotes could be found on the websites of Graduate Schools and associated links.

4.4 Second Level Title: First Letters Capital

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4.4.1 Third level title: Only first letter capital

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Açıklamalı [İTÜ75]: Footnotes must be written with a font size 2 pt smaller than the main text body font size.

² Footnotes must be written with a font size 2 pt smaller than the main text body font size.

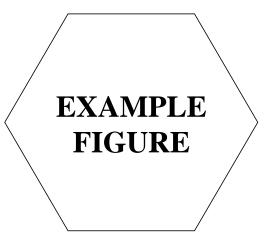


Figure 4.1 : Example figure.

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

Table 4.1: Example table.

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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5. (IF NECESSARY) CHAPTER 5

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5.1 Practical Application of This Study

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

5.2 Second Level Title: First Letters Capital

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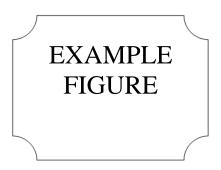


Figure 5.1: Example figure in chapter 5.

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

Table 5.1: Example table in chapter 5.

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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6. CONCLUSIONS AND RECOMMENDATIONS

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6.1 Practical Application of This Study

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6.2 Second Level Title: First Letters Capital

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6.2.1.1 Fourth level title: Only first letter capital

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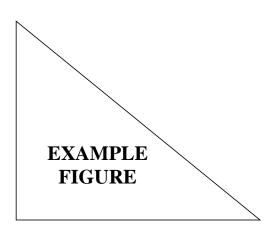


Figure 6.1: Example figure in chapter 6.

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

Table 6.1: Example table in chapter 6.

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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Açıklamalı [İTÜ76]: References are listed alphabetically according to surname of author.

1 line spacing is set in this section.

While listing references in numeric order, the order of appearance is taken into account. 1 line spacing must be set in this section.

Açıklamalı [İTÜ77]: CONFERENCE PAPER (pressed).

Açıklamalı [İTÜ78]: References are written aligned.

Açıklamalı [İTÜ79]: ARTICLE

Açıklamalı [İTÜ80]: CONFERENCE PAPER (not pressed).

Açıklamalı [NOT81]: GLOSSARY

Açıklamalı [NOT82]: THESIS

Açıklamalı [NOT83]: CONFERENCE PAPER (not pressed).

Açıklamalı [NOT84]: STANDARD (Book)

Açıklamalı [NOT85]: STANDARD

Açıklamalı [NOT86]: MUSICAL

Açıklamalı [NOT87]: ENCYCLOPEDIA ARTICLE (Internet)

Açıklamalı [NOT88]: WEB RESOURCES (Anonymous)

Açıklamalı [NOT89]: BOOK

Açıklamalı [NOT90]: ARTICLE (multiple authors)

Burke, F. ve Uğurtaş, G. (1974).	Trakya havzasının sis	smik incelemesi (Rapor No.
2047). Ankara : TPA	AO Kurumsal Raporu.	

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Acıklamalı [NOT91]: REPORT

Açıklamalı [NOT92]: ARTICLE

Açıklamalı [NOT93]: CHAPTER FROM A BOOK (multi-

Açıklamalı [NOT94]: CHAPTER FROM A BOOK (multi-

Açıklamalı [NOT95]: POWERPOINT PRESENTATIONS

Açıklamalı [NOT96]: COMPUTER SOFTWARE

Açıklamalı [NOT97]: PAPERS (Pressed)

Açıklamalı [NOT98]: REPORT

Açıklamalı [NOT99]: ARTICLE (obtained from the Internet, date

Açıklamalı [NOT100]: MUSIC RECORD

Açıklamalı [NOT101]: COMPUTER SOFTWARE (downloaded from the internet)

Açıklamalı [NOT102]: ENCYCLOPEDIA (Internet)

Açıklamalı [NOT103]: THESIS (Internet)

Açıklamalı [NOT104]: THESIS (taken from the database)

Açıklamalı [NOT105]: BOOK (Translation)

Hazar, Ç.M. (2012). Kurumsal iletişimin örgütsel bağlılığa etkisi (Doktora tezi). Marmara Üniversitesi, Sosyal Bilimler Enstitüsü, İstanbul.

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Acıklamalı [NOT106]: THESIS

Açıklamalı [NOT107]: GLOSSARY (Article - Internet)

Açıklamalı [NOT108]: NEWSPAPER (Internet)

Açıklamalı [NOT109]: NEWSPAPER ARTICLE (Internet)

Açıklamalı [NOT110]: LAW - REGULATION

Açıklamalı [NOT111]: PERSONAL INTERVIEW

Açıklamalı [NOT112]: BOOK (electronic version of a printed book)

Açıklamalı [NOT113]: PATENT

Açıklamalı [NOT114]: PATENT (taken from the database)

Açıklamalı [NOT115]: ENCYCLOPEDIA

Açıklamalı [NOT116]: GLOSSARY (Article)

Açıklamalı [NOT117]: WEBPAGE (Author is uncertain)

Açıklamalı [NOT118]: MOVIE (DVD)

Açıklamalı [NOT119]: MOVIE

Açıklamalı [NOT120]: ARTICLE (Internet)

Açıklamalı [z121]: No date

Açıklamalı [NOT122]: ARTICLE (Internet - the publication date and the name of website received is uncertain)

Açıklamalı [NOT123]: ENCYCLOPEDIA (Internet)

Açıklamalı [NOT124]: NEWSPAPER ARTICLE (Anonymous)

Açıklamalı [z125]: References retrieved via internet should be listed at the end.

Açıklamalı [2126]: If an author is not specified for an online reference, the full link and the date of access to the webpage must be specified.

Açıklamalı [NOT127]: LAW - REGULATION

- [1] Abrahart, R. J. ve 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
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Açıklamalı [z128]: While listing references in numeric order, the order of appearance is taken into account. 1 line spacing must be set in this section.

APPENDICES

APPENDIX A: Maps

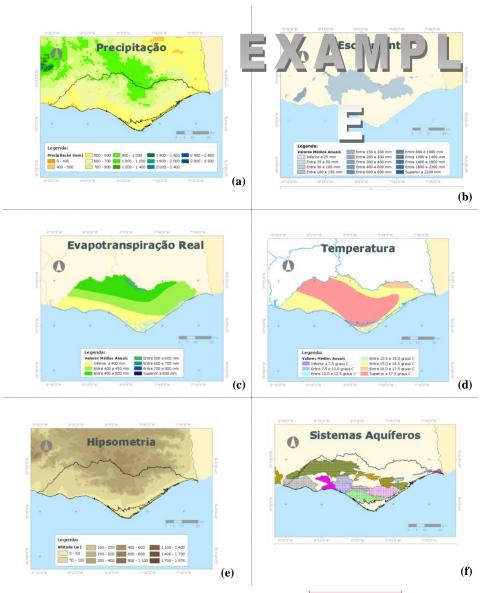


Figure A.1: Regional maps: (a)Rain. (b)Flow. (c)Evapotranspiration ...

Açıklamalı [İTÜ130]: While captioning multi figures, each figure must be numbered with letters and described in the caption (if each figure is cited individually in main text body). In case the general caption is sufficient, numbering with letters is not required in appendices.

Table A.1: Example table in appendix.

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

CURRICULUM VITAE

PHOTO

Açıklamalı [İTÜ131]: I line spacing must be set. It is recommended to add a photo and (if exists) list of publications. However, photo and address are optional.

Name Surname :

Place and Date of Birth :

E-Mail :

EDUCATION:

B.Sc. : Graduation year, University, Faculty, Department
 M.Sc. (If exists) : Graduation year, University, Faculty, Department

PROFESSIONAL EXPERIENCE AND REWARDS:

- 1950-1956 İstanbul Technical University at the Central Laboratory of Theoretical Physics.
- 1953 Nobel Prize for Physics
- 1956 Completed Doctorate at İstanbul Technical University

PUBLICATIONS, PRESENTATIONS AND PATENTS ON THE THESIS:

- Ganapuram S., Hamidov A., Demirel, M. C., Bozkurt E., Kındap U., and Newton A., 2007: Erasmus Mundus Scholar's Perspective On Water And Coastal Management Education In Europe. International Congress River Basin Management, March 22-24, 2007 Antalya, Turkey. (Presentation Instance)
- Satoğlu, Ş.I., Durmuşoğlu, M. B., Ertay, T. A., 2010. A Mathematical Model And A Heuristic Approach For Design Of The Hybrid Manufacturing Systems To Facilitate One-Piece Flow, *International Journal of Production Research*, 48(17), 5195-5220. (Article Instance)
- Chen, Z., 2013. Intelligent Digital Teaching And Learning All-In-One Machine, Has Projection Mechanism Whose Front End Is Connected With Supporting Arm, And Base Shell Provided With Panoramic Camera That Is Connected With Projector. Patent numarasi: CN203102627-U (Patent Instance)

OTHER PUBLICATIONS, PRESENTATIONS AND PATENTS: