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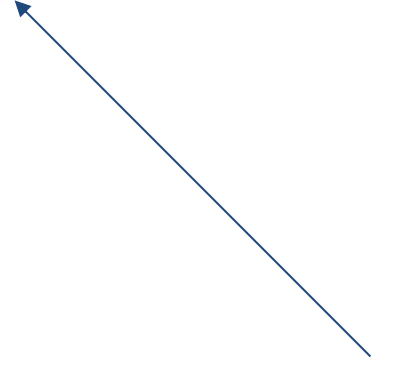
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*To my spouse and children,,*





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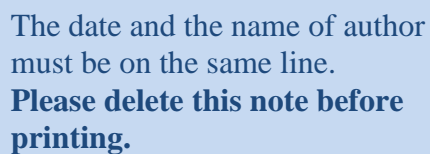
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## ABBREVIATIONS

<b>AIC</b>	: Akaike Information Criteria
<b>ANN</b>	: Artificial Neural Network
<b>App</b>	: Appendix
<b>BP</b>	: Backpropagation
<b>CGI</b>	: Common Gateway Interface
<b>ESS</b>	: Error sum-of-squares
<b>GARCH</b>	: Generalized Autoregressive Conditional Heteroskedasticity
<b>GIS</b>	: Geographic Information Systems
<b>HCA</b>	: Hierarchical Cluster Analysis
<b>Mbps</b>	: Megabits per second
<b>St</b>	: Station

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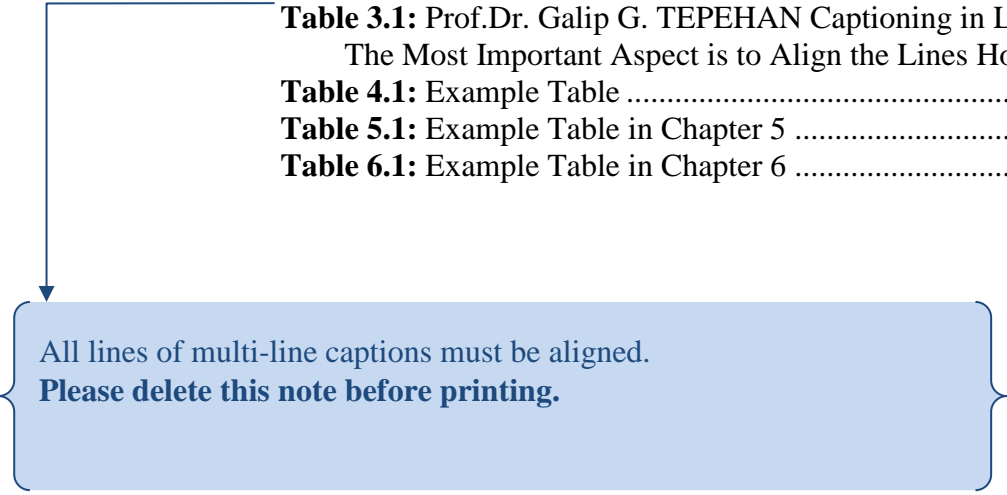
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## **THESIS TITLE IN ENGLISH HERE**

### **ABSTRACT**

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For theses in English, the abstract in English must have 400 words minimum and span 1-3 pages, whereas the extended abstract in Turkish must span 3-5 pages. A abstract must briefly mention the subject of the thesis, the method(s) used and the conclusions derived.

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

Above the abstract, 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 abstract in Turkish) and **ABSTRACT** (for abstract in English) must be written horizontally centered.

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## TÜRKÇE TEZ BAŞLIĞI BURAYA YAZILIR

### ÖZET

Özet hazırlanırken 1 satır boşluk bırakılır. Türkçe tezlerde, Türkçe özet 300 kelimedenden az olmamak kaydıyla 1-3 sayfa, İngilizce genişletilmiş özet de 3-5 sayfa arasında olmalıdır.

İngilizce tezlerde ise, İngilizce özet 300 kelimedenden az olmamak kaydıyla 1-3 sayfa, Türkçe genişletilmiş özet de 3-5 sayfa arasında olmalıdır.

Özetlerde tezde ele alınan konu kısaca tanıtilerek, kullanılan yöntemler ve ulaşılan sonuçlar belirtilir.

Özetlerde kaynak, şekil, çizelge verilmez.

Özetlerin başında, birinci dereceden başlık formatında tezin adı (önce 72, sonra 18 punto aralık bırakılarak ve 1 satır aralıklı olarak) yazılacaktır. Başlığın altına büyük harflerle sayfa ortalanarak (Türkçe özet için) **ÖZET** ve (İngilizce özet için) **ABSTRACT** yazılmalıdır.

**Anahtar Kelimeler :** *Kelime1, Kelime2, Kelime3.*



## **1. INTRODUCTION**

### **1.1 Study Topic**

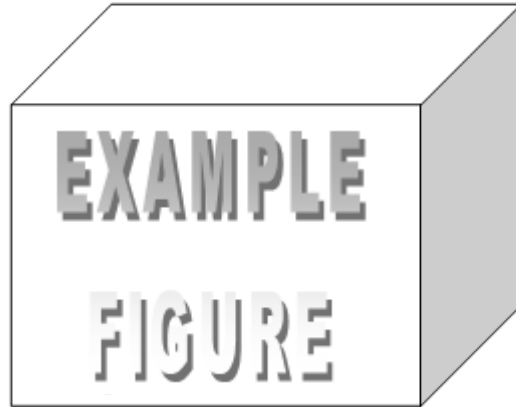
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### **1.2 Purpose of Thesis**

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### **1.3 Literature Review**

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**Figure 1.1:** Model Structures

Source: LePichon, X. (1997).

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#### 1.4 Hypothesis

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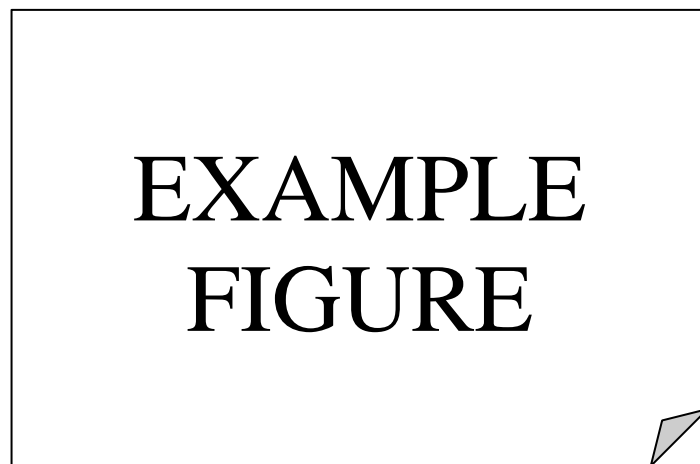
## 2. INTEGRATED DATA

### 2.1 Purpose

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### 2.2 Internet Service Networks

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**Figure 2.1:** Advanced Structures

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### 2.3 Network Based Project Development

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### 3. FLOW PREDICTION

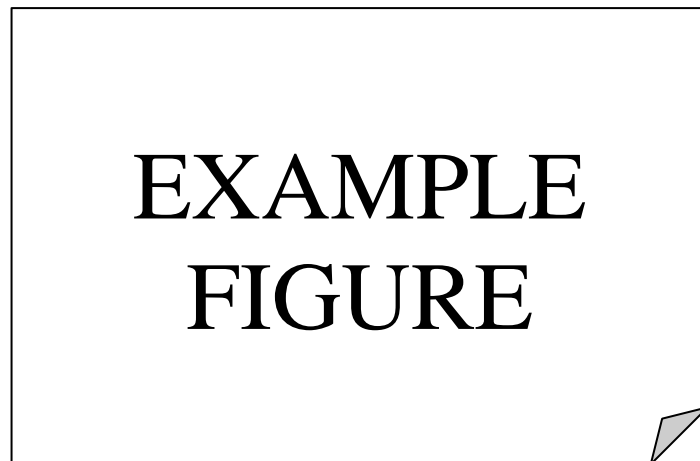
#### 3.1 Purpose

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##### 3.1.1 Artificial neural networks

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**Figure 3.1:** Neuron Cell

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**3.1.2 Autoregressive models**

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$$y_t = \phi_1 \cdot y_{t-1} + \varepsilon_t \tag{3.1}$$

Parameters are explained individually.

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**3.1.3 Process based model: SWAT**

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# EXAMPLE FIGURE

**Figure 3.2:** Lorem Ipsum

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### 3.1.4 Multi variable analysis

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# EXAMPLE FIGURE

**Figure 3.3:** Figure Captions Must Be Ended With a Full Stop

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# EXAMPLE FIGURE

**Figure 3.4:** Landscape-Oriented, Full-Page Figure

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### 3.2 Practical Applications

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**Table 3.1:** Prof.Dr. Galip G. TEPEHAN Captioning in Landscape-Oriented Pages: The Most Important Aspect is to Align the Lines Horizontally

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



#### **4. (IF NECESSARY) HEADING**

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##### **4.1 Practical Application of This Study**

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##### **4.2 Second Level Title: First Letters Capital**

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###### **4.2.1 Third level title: Only first letter capital**

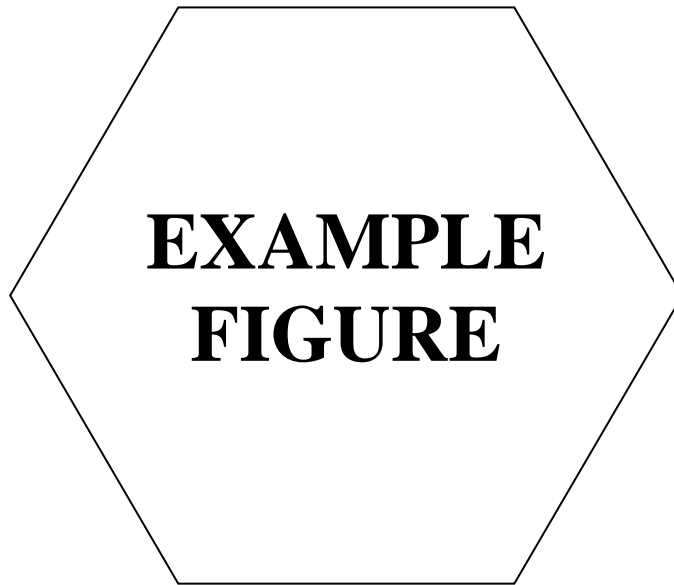
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**Fifth level title: no numbering after fourth level titles**

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**Figure 4.1:** Example Figure

This indicates that the ANN is accurate at base flow and flow height values lower than 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) HEADING**

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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

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##### **5.2.1 Third level title: only first letter capital**

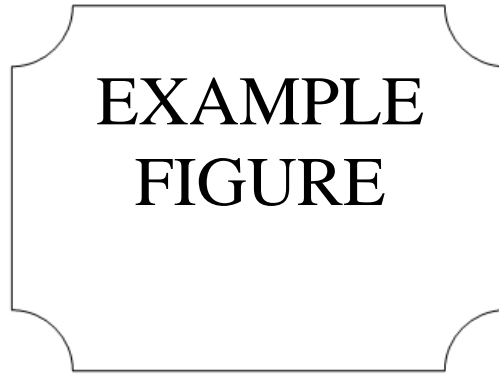
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**Figure 5.1:** Example Figure in Chapter 5

This indicates that the ANN is accurate at base flow and flow height values lower than 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**

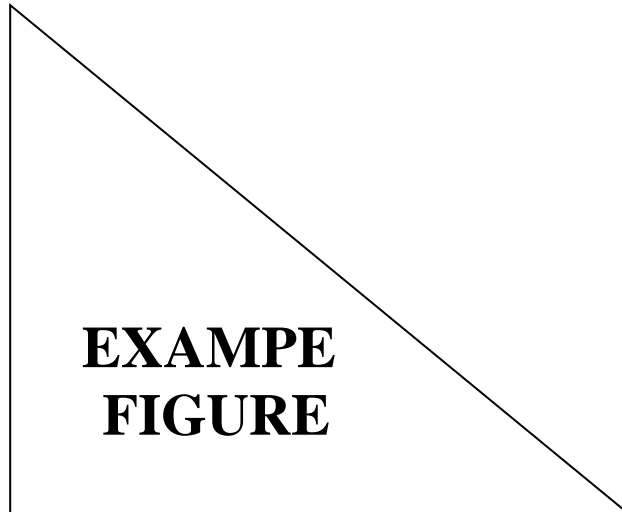
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**Figure 6.1:** Example Figure in Chapter 6

This indicates that the ANN is accurate at base flow and flow height values lower than 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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References are listed **alphabetically** according to surname of author.  
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**Url-2** <<http://www.elet.polimi.it/>>, alındığı tarih: 10.01.2007.

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- [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 Kingdom, 17–19 Eylül (CD-ROM).
- [2] **Abrahart, R. J. ve See, L.** (2000). Comparing neural network and autoregressive moving average techniques for the provision of continuous river flow forecasts in two contrasting catchments, *Hydrolog. Process.*, **14**, 2157–2172.



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## **APPENDICES**

### **APPENDIX A: Maps**

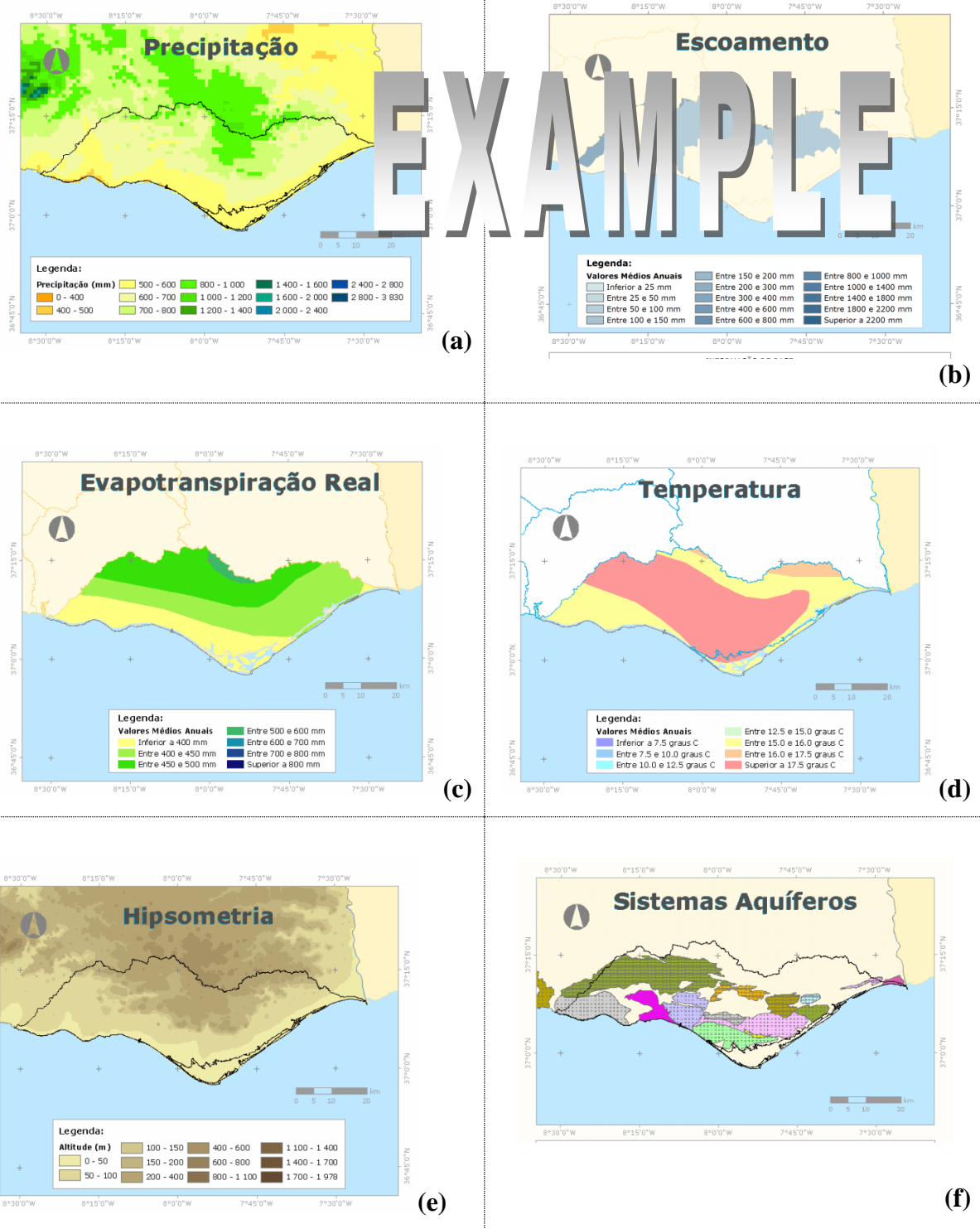
**Figure A.1:** Regional maps: (a)Rain. (b)Flow. (c)Evapotranspiration ... ..... 25

**Table A.1:** Example Table in Appendix..... 26



Titles of appendices must be listed under the main title “APPENDICES”, but must not be indicated in Table of Contents. Please delete this note before printing.

**APPENDIX A**



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

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**. Please delete this note before printing.

**Table A.1:** Example Table in Appendix.

Column A	Column B	Column C	Column D
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Row B	Row B	Row B	Row B
Row C	Row C	Row C	Row C



## RESUME



**Name Surname:**

**Place and Date of Birth:**

**E-Mail:**

### EDUCATION :

- **Bachelor** : Graduation year, University, Faculty, Section
- **Master** : Graduation year, University, Faculty, Department, Program

### PROFESSIONAL EXPERIENCE AND REWARDS

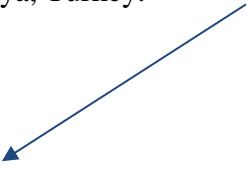
#### PUBLICATIONS/PRESENTATIONS ON THE THESIS :

- Ganapuram S., Hamidov A., Demirel, M. C., Bozkurt E., Kindap U., 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 sample**)
- 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 sample**)
- 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 number : CN203102627-U (**Patent student**)

#### LIST OF PUBLICATIONS AND PATENTS:

## **PUBLICATIONS/PRESENTATIONS ON THE THESIS**

- Ganapuram S., Hamidov A., **Demirel, M. C.**, Bozkurt E., Kindap 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.



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