



Ghadermarzi Hasan

**Scientific Position:**

Assistant Professor of Climatology

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## Education

### **M.Sc.:**

**Applied Climatology from Kharazmi University, Tehran, IRAN. 2000.**

### **B.Sc.:**

**Physical Geography (Climatology) from Tehran University, IRAN 1998.**

## Responsibilities

**1-Faculty member at Department of Natural Resources in University of Kurdistan(2001-2006)**

**2-responsible of weather station in Department of Natural Resources, University of Kurdistan. 2000 to 2003.**

**3-director of the Centre for Professional Service GIS of University Jahad in Kurdistan,2010-2013.**

**4-director of hydrology section in PARDAZESH-E-NAGHSH-E-GHARB Consulting Engineers in Kurdistan,From 2005 until now.**

**5-Member of the Scientific Committee of the National Conference of Hydrology in Kurdistan(2013)**

## Research Interests

**Climatology (synoptic, statistical, climate change), Hydrological Modeling , Analysis of drought.GIS**

## Courses

**Climatology, Physics and Meteorology, statistics, Applied Hydrology, Engineering Hydrology.**

## proficiency

**Proficient in ,MINITAB,SURFER,DIGITAL ATMOSPHERE and HEC-HMS softwars**

## Selected Publications

### A- BOOKS

#### **kurdish**

**1. Principles of Applied Climatology,(At the end)2013.**  
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#### **BOOKS Translated into kurdish**

**1.Applied Hydrology ,(At the end)2013.**

### B- ARTICLES

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#### **English**

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**3- Selecting the best statistical distribution of annual rainfall data in East Kurdistan. Posted in Geography Conference. dohuk university....2013.**

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#### **Farsi**

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- 1. Analysis and prediction of climate fluctuations in Kurdistan using Markov chain models, 2000. Journal - Geographical Research, 18: 31-35.**
- 2. Modeling changes of seasonal precipitation in Kurdistan using time series models, 2013. hydrology Conference ; iran, 2013.**

## **kurdish**

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**1-drought analys using topsis method in East Kurdistan Posted in Geography Conference.dohuk university.... 2013**

## **C- RESEARCHS**

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**1-modeling of seasonal precipitation kurdistan by Time series models(ARIMA)-kurdistan university,2003**

**2-Choose the best method for rainfall data reconstruction in Kurdistan province-kurdistan university,2004**

**3-Drawing the climatic map of Kurdistan-kurdistan university,2001**

**4-Study of pollution sources in the cities of Sanandaj and saqez air,2003**

**5-Study and analysis of the effect of climate factors on the morphological characteristics of the watershed areas of Kurdistan province.-kurdistan university,2002**

**6-The Chairman of the meteorological station, College of agriculture, University of Kurdistan,2001-2004**

**7-Analysis and study of the effects of recent droughts, on resources potential surface water and ground waterin East of Kurdistan province-(In progress)**