

## CURRICULUM VITAE

### Nargis Kamal-ud-din

Date of Birth  
Nationality Pakistani  
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ResearchGate



### EDUCATION

Degree	Year	Subject	University
MS in Geographic Information System Remote Sensing (GIS/RS)	2014	Geographic Information System Remote Sensing (GIS/RS)	School of Engineering & Technology, Asian Institute of Technology (SET, AIT), Thailand
Master of Science	2008	Geography	University of Balochistan, Quetta, Pakistan
Bachelor of Science	2006	Geography	University of Balochistan, Quetta, Pakistan

### RESEARCH INTERESTS

- Application of Geographic Information System (GIS) in Development Planning
- Agriculture / vegetation Assessment
- Urban Planning & Management
- Land use / Land cover Monitoring
- Remote sensing Model Calibration

### COURSES TAKEN AT POSTGRADUATE LEVEL

- Digital Image Processing,
- Advanced Remote Sensing,
- Remote Sensing Data Analysis,
- Urban, Modelling,
- Web GIS,
- Spatial Analysis in GIS,

- Advanced Mapping Techniques

## **TEACHING EXPERIENCE**

- Lecturer, Department of Geography, University of Balochistan Quetta, Pakistan since 29-12-2009- 02-06-2017.
- Assistant Professor on Earth & Environmental Science, Department of Geography and Regional Planning, University of Balochistan Quetta, Pakistan since 02-06-2017 till date.

## **THESIS/DISSERTATION**

### ***M. Phil Thesis (2012 - 2014)***

- **Thesis Title:** Greening Urban Environment using Geospatial Technology, A case study of Bangkok, Thailand
- **University:** School of Engineering & Technology, Asian Institute of Technology (SET, AIT), Thailand

### ***M. Sc. Thesis (2007-2008)***

- **Thesis Title:** “Natural & impact of women participation in economic activities: A case study of rural urban fringe”, Department of Geography, University of Balochistan, Quetta Pakistan. (2007 -2008)
- **University:** Department of Geography and Regional Planning University of Balochistan, Quetta.

## **PUBLICATIONS**

### ***International Refereed Journal Articles***

#### **2017**

1. Kamal, N., Imran, M., & Tripathi, N. K. (2017). Greening the Urban Environment Using Geospatial Techniques, a Case Study of Bangkok, Thailand. *Procedia Environmental Sciences*, 37, 141-152.

## **CONFERENCES**

### ***International***

#### **2018**

1. Manuscript accepted in the 2nd International conference on Green Urbanism 7-9 December, 2018. Rome, Italy. Entitled “Trend Assessment in Green and Built Environment, Using Time series Images, Bangkok” Publisher Springer Web GIS Technology Mini – Project on Flood Collective Information system for Thailand.

#### **2016**

2. Manuscript Presented in International conference on Green Urbanism, 12- 14 October, 2016, at Rome, Italy. Publisher Elsevier

## **PARTICIPATION IN NATIONAL & INTERNATIONAL PROJECTS**

1. Balochistan Land Record Management and Information System (BLRMIS). Quetta.
2. Comprehensive Mapping of University of Balochistan, Quetta.
3. GIS analysis for site suitability for the hospital in Tha-Klong municipality, Klong Lauang, Pathumthani, Thailand
4. Advanced Application Development of GIS for location identification of a new “Rain estimation station”
5. Web GIS Technology Mini – Project on Flood Collective Information system for Thailand
6. Application of GIS in water resources in catchment area of Mekong River Basin, Thailand
7. Structure Equation Modeling in spatial Analysis Method in GIS
8. Model for urban dynamics and land occupation at district level using Stella

## **LANGUAGES**

- English
- Urdu/Hindi
- Balochi

## **CARTOGRAPHIC SKILLS & SOFTWARES**

1. Arc Map
2. ERDAS Imagine
3. R
4. IDRISI Selva
5. Stella
6. ENVIEX
7. SEM (Structural Equation Model)
8. Google Earth Pro

## **AWARDS**

- 7, 52,000 Baht, Scholarship Donor: Japanese Scholarship Program (ADB)

## **DISTINCTIONS**

- Gold Medalist in Master of Science in Geography (2007-2008), University of Balochistan, Quetta, Pakistan.
- MS Thesis Passed “with distinction”