

▶ Fahad Abdullah

452/609 J.T.C.H.S. Malir City, Karachi.

E-mail: fa.fahadabdullah@gmail.com

Phone: 0333-3565928

Objectives

Looking for an academic institution where I can contribute in national context by exercising and enhancing my experience, knowledge and skills in the field of teaching and research.

Education

MEM (Masters in Engineering Management) – 3.41 CGPA (2016)

Masters in Water Resources Management

NED University of Engineering and Technology, Karachi.

Subject Courses:

- Sustainable water resources management
- Water quality management
- Irrigation system design and management

Thesis Title:

Modeling impacts of climate change on integrated water resources management of Hub Dam.”

B.E - 1st Division (2011)

Civil Engineering

NED University of Engineering and Technology, Karachi.

Professional Experience

Assistant Professor:

(Mar. 2018 – Till date)

- Institute: NED University of Engineering and Technology, Karachi.
- Department: Department of Urban and Infrastructure Engineering

Visiting Teacher:

(Nov. 2017 – Mar. 2018)

- Institute: NED University of Engineering and Technology, Karachi.
- Field of specialization: Water resources management
- Department: Faculty of Civil and Petroleum Engineering
- Subjects: Hydraulics engineering & Water resources management, at Urban Engineering Department; Practical of fluid mechanics at Civil Engineering Department.

Research Associate:

(July 2015 – Feb. 2018)

- Institute: NED University of Engineering and Technology, Karachi.
- Field of specialization: Water resources management

Research Assistant:

(July 2013 – June 2015)

- Institute: NED University of Engineering and Technology, Karachi.
- Field of specialization: Water resources management

Site Engineer:

(February 2012 – July 2013)

Employer:
S.K. Construction

Publication

Syed A., Syed M. F. Abdullah and Syed I. Ahmed. (2014). Climatic Trends in Three Coastal Hubs of South Asia. Conference on Climate Change Adaptation Coastal Areas of Pakistan. May 2. Karachi, Pakistan.

Other Research Work(s)

- Flood Inundation modelling and vulnerability analysis for the city of Karachi. (Funded by: World Bank)
- Flood Inundation modelling and mitigation strategies for the city of Islamabad. (Funded by: Network of Disaster Management Practitioners (NDMP))
- Hazard analysis and flood Inundation modelling for Quetta city. (Funded by: Community Resilience Initiative (CRI))
- Climatic trend analysis for 5 major cities of Pakistan.

Internship

- Benazir Bhutto International Airport (BBIA)- Islamabad (JUNE 2010 – JULY 2010)
M/s *NESPAK Pvt. Ltd.*

Visited the whole site and learned about the different work stages under progress

- Bin Qasim Power Plant's Extension (DECEMBER 2009)
M/s *ATLAS PAKISTAN Pvt. Ltd.*

Learned about the piling process at site

Final Year Project

Establishing Trip Rates and Parking Ratios for Selected Land use and Socio Economic Zones of Karachi.

- Development of socio economic zones on the basis of similarities of trip and socio economic parameters among different UCs.
- Trip rates and parking ratios establishment of land uses in different zones.
- Helpful in understanding the flaws in existing bye laws and their remedies.

Software

- | | |
|-------------|--------------|
| ► HEC-HMS | ► Arc GIS |
| ► SWAT | ► Map Source |
| ► HSPF | ► MS Project |
| ► WASP | ► AutoCAD |
| ► Maps Info | |

Volunteer Work

- Organized water day 2013, 2014, and 2015 held at NED University of Engineering & Technology, Karachi.
- Organizer of 2 day workshop on “climate change mitigation/adaptation” at Department of Civil Engineering, NED University of Engineering & Technology, Karachi.
- President Mathlers Society (2013 till now).
- Teachers Trainer at EDLAB Pakistan (since January 2016).
- Trustee at The SET School.
- Active and one of the founding members of school alumni.

Interests

Research, Teaching, Engineering, Reading, Travelling, Socializing.

Reference

Will be furnished upon request.