

Irfan Karim

Graduate Research Assistant

Department of Earth and Atmospheric Science

Lab: 430 Climate Change

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Educational Background

January 2021 - Present

Doctor of Philosophy (Ph.D.) in Atmospheric Science, University of Houston

Academic Advisor: Dr. Bernhard Rappengluck

**September 2011 –
December 2013**

M.Phil. Environmental Science, Government College University, Lahore

Thesis Title: Role of BACIP's Energy Efficient Products to Induce Sustainable Development Practices among the communities of the Hunza District (Gilgit-Baltistan) Pakistan.

**September 2007 –
August 2011**

BS. Hons. Environmental Science, Government College University, Lahore

Thesis Title: Man Induced disturbances on the status of Birch forest around Blue lake, Naltar Valley Gilgit, Pakistan.

Professional Experience

1. Pakistan Poverty Alleviation Fund, Islamabad, June 2014 – December 2020

Assistant Manager

Monitor poverty reduction projects as environment and social management auditor, World bank and Italian funded across Pakistan. Prepared indigenous people plan (Kalash valley, KP, Pakistan) under the umbrella of WB Indigenous people framework.

2. Aga Khan Planning and Building Service of Pakistan, January 2014 – May 2014

Water Analyst

Worked in the water testing lab section in AKPBS. Undertook the water analysis (Biological and physical) implemented project by KFW and PPAF.

Research Publication:

1. Man Induced disturbances on the status of Birch forest around Blue lake, Naltar Valley Gilgit. (experimental study)

http://www.pbgns.com/index.php?option=com_content&view=article&id=12:3rd-international-conference-proceedings&catid=17&Itemid=114

2. Case study analyses of PM2.5 in Lahore, Pakistan, using in-situ air quality and remote sensing data

<https://www.uh.edu/nsm/earth-atmospheric/news-events/research-conference/2021-student-research-conference-program.pdf>

Honors and Awards

Presenter Botanic Gardens conference, Botanic Garden Secretariat Lahore
Feb 2012.

Trainings

1. **15 Days Training in Italy:** (November 3, 2016 – November 20, 2016)
Child friendly / participatory learning techniques within Primary school systems Income Generating Activities & Hospital: Structure and organization conducted by San Giovanni in Monte- Bologna, Italy.
2. **5 Days Training in Italy: (October 13, 2019 – October 18, 2019)**
Study of Cooperative model of Italy for Benefitting Subsistence Farmers CENTOFORM, Ferrara, Emilia Romagna, LUISS Business School Italy