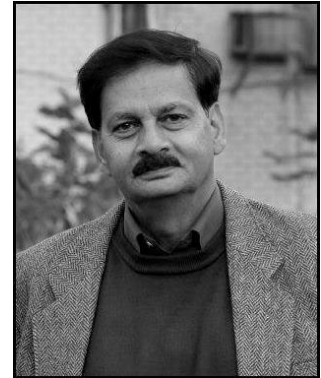


## **Dr. Arif Mahmud**

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### **Specialization:**

Geography

### **Education:**

DPhil, (Human Geography), University of Oxford, Oxford, UK

M.Sc. (Geography), Government College Rawalpindi (Affiliated with Punjab Univ., Lahore)

MSc. (International Relations), Islamabad University, Islamabad

### **Experience:**

2019 - to date – Associate Professor, National University of Medical Sciences, Pakistan

2016-2019 – Associate Professor, Preston University, Islamabad

2004-2016 – National Institute of Pakistan Studies, Quaid-i-Azam University, Islamabad

1978-2004 – Government Post-Graduate College, Asghar Mall Rawalpindi.

### **Research Supervision Experience**

Supervised 2 PhD, 18 MPhil and 12 MSc theses

### **Research Interests:**

Mountain Geography, Water Resources, Demography, Health Geography

### **Publications:**

**Arif Mahmud**, Changing Labour Migration Pattern and their Impact on Agriculture in the Hunza Valley, Northern Areas of Pakistan, *Journal of Social Sciences and Humanities*. Vol. 5 No. 1, 1999. ISSN 1994-7046.

**Arif Mahmud**, Human and Environmental Factors in the Diffusion of Tractors in the Hunza Valley, Northern Pakistan, ***Journal of Social Sciences and Humanities***, Vol. 5, NO. 2, 1999. ISSN 1994-7046.

Arif Mahmud, Impact of Highland-Lowland Interaction on Non-Farm Occupational Structure in the Hunza Valley, ***Journal of Social Sciences and Humanities***. Vol. 8 No. 1, 2001. ISSN 1994-7046.

**Arif Mahmud**, Inter-Sectoral Dependencies in Mountain Agriculture and External Linkages: A Case of Hunza Valley. ***Journal of Rural Development and Administration***. Vol. XXXI No. 1. 1999. ISSN 0047-2751.

**Arif Mahmud**, Some Observations on Portering as a Profession in Baltistan, ***Pakistan Journal of Geography***, Vol. IX & X, No. 1-2, 1999-2000. ISSN 1023-5108

**Arif Mahmud**, Geography of Mountain Agricultural: A Theoretical Discourse, ***Pakistan Journal of Geography***. Vol. XI & XII No. 1 & 2, 2001-2002. ISSN 1023-5108

Arif Mahmud, Distance Decay Effect on In - and Out Migrants of Rawalpindi District: An Application of Regression and Residual Analysis in Population Studies, ***Journal Geographic: A Journal of Pakistan Geographic Association***. Vol. 4, No. 1, 2002.

**Arif Mahmud**, Spatial Analysis of Industry Groups in the Punjab, ***Pakistan Geographical Review***. Vol. 57, No. 1 & 2, 2002. ISSN 1023-5108

**Arif Mahmud**, Nodal Regions of Inter-district Migration in the Punjab: A Graph Theoretic Interpretation, ***Journal Geographic: A Journal of Pakistan Geographic Association***. Vol. 4, No. 2, 2003.

**Arif Mahmud**, Spatial Distribution of Economic Activities in Pakistan: An Analysis based on 1998 Census. *Scrutiny*: Vol.2. No.1, 2008. (Published in 2011)

Production of Alkaline Phosphatase from facultative psychrophilic pseudomonas sp. MRLBAI isolated from Passu Glacier Pakistan, *Applied Ecology and Environmental Research*, Vol.16, No. 1, 2018. (Joint Publication) ISSN 1589 1623,

Tabinda Sadiqui and **Arif Mahmud**, Perception and Reality of Pakistan's India Centric Foreign Policy *Journal of Strategic Studies*, Vo.40, No. 2, (July, 2020).

Tabinda Sidqui and **Arif Mahmud**, Terrorism and the Concept of Jihad: Critical Reappraisal of Post-9/11 Militancy in *Pakistan Journal of Contemporary Studies*, Vol. IX No.1 (Summer 2020), ISSN 2227-3883

Tabinda Siddiqui, **Arif Mahmood**, Concept of Jihad and Terrorism in Post-9/11Era: Critical Analysis of Media as a Platform for Discourse Development, *Global Media Journal-Pakistan* Edition, Volume XII, Issue II, Fall 2019.

Syed Atif Bokhari, Zaheer Saqib, Amjad Ali, **Arif Mahmud**, Nadia Akhtar, Ambrina Kanwal, Mohammad Zaman-ul-Haq, Impact of Land Use/Land Cover Changes on the Supply-Demand Budget of Urban Ecosystem Services *Arabian Journal of Geosciences*. (2021), 14: 1402, <https://doi.org/10.1007/s12517-021-07504-6>

#### Conferences attended

- Conference attended at Bara Gali organized by the Hans Siedal Foundation, Germany and Department of Politics, University of Peshawar. June 2013.
- All Pakistan Geographical Conferences held in 1974, 1983, 1987, 1996, 1998, 2002 and 2007 at Islamabad, Peshawar, Karachi, and Rawalpindi and Lahore. Paper presented at 1996, 1998, 2003 and 2007 conference.

- Paper presented on the Status of Geography of Pakistan at a seminar on the Status of Pakistan Studies in 21st century of Pakistan Studies, organized by the National Institute of Pakistan Studies, March 2002.
- Paper presented at the National Conference on the "Prospects and Problems of Mountain Systems of Pakistan" held at Baragali Summer Campus, University of Peshawar (August 2-6, 2003)
- Participated in Institute of British Geographers' Postgraduate Forum, at School of Geography, Birmingham University, Birmingham, May 1991.
- Participated in Developing Areas Research Group (DARG) of the Institute of British Geographers Conference on 'Development and Mountain Environment' held at Birmingham University Birmingham, July 1993.
- Attended Annual Meeting of Geographical Association (UK) held at Oxford, 1995.
- Conference on International Environmental and Resource Issues in the Ganges-Brahmaputra Basin organized by the India Development Group and the Center for the South Asian Studies at SOAS held at Royal Geographical Society London, June 1990.