SANVAL NASIM

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Department of Economics
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ACADEMIC POSITIONS

Lahore University of Management Sciences (LUMS), Department of Economics.

Assistant Professor, 2016–Present.

Institute of Development and Economic Alternatives (IDEAS).

Associate Fellow, 2019–Present.

International Growth Centre (IGC).

Research Affiliate, 2018–Present.

Mahbub-ul-Haq Research Center (MHRC).

Research Fellow, 2019–Present.

LUMS Water Informatics and Technology Center (WIT).

Faculty Fellow, 2016–Present.

EDUCATION

Ph.D. Environmental and Natural Resource Economics and Policy / Environmental Sciences, *University of California, Riverside,* 2015.

Dissertation Title: "Allocative Efficiency and Optimal Management of Groundwater in Pakistan's Agricultural Sector."

Committee: Ariel Dinar (co-chair), Steven Helfand (co-chair), Kenneth Baerenklau.

B.A. Economics-Mathematics and History, *Colby College,* 2008.

Davis United World College Scholar.

IB, *United World College USA (New Mexico),* 2004.

RESEARCH INTERESTS

Groundwater Management, Air and Water Pollution, Emissions Abatement, Climate Change.

PEER-REVIEWED PUBLICATIONS

1. Nasim, S., S. Helfand, and A. Dinar. 2020. Groundwater Management under Heterogeneous Land Tenure Arrangements. *Resource and Energy Economics* 62, 101203.

2. Nasim, S., and F. Sharif. 2020. To adopt, or not to adopt, 'why' is the question: A case for clean kiln technologies in developing countries. *Journal of Cleaner Production* 257, 120553.

PAPERS UNDER REVIEW

3. Khan, A., S. Nasim, M. Shaukat, and A. Stegmann. *Building Trust in the State with Information: Evidence from Urban Punjab.* (Also published as The World Bank Policy Research Working Paper WPS9469).

WORKING PAPERS

4. Ahmad, H. F., M. Gibson, F. Nadeem, S. Nasim, and A. Rezaee. *Forecasts: Consumption, Production and Behavioral Responses.*

5. Akram, A. A., S. M. Hasan, and S. Nasim. *Does conservation messaging reduce urban water consumption?*

6. Asad, S., and S. Nasim. *The Impact of Groundwater Levels on Development Outcomes: Evidence from Pakistan.*

7. Nasim, S., and S. Helfand. 2016. *Optimal Groundwater Management in Pakistan's Indus Water Basin.* IFPRI PSSP Working Paper 34. Washington DC: International Food Policy Research Institute.

8. Nasim, S., A. Dinar, and S. Helfand. 2014. *Allocative Inefficiency and Farm-Level Constraints in Irrigated Agriculture in Pakistan.* IFPRI PSSP Working Paper 15. Washington DC: International Food Policy Research Institute.

WORKS IN PROGRESS

9. Greenstone, M., A. Habib, U. Naeem, and S. Nasim. *Emissions rating program: Environmental impacts and firm behavior.*

10. Asad, S., and S. Nasim. *Dynamic Groundwater Management in Pakistan's Indus Basin: The Case of Periodic Investments in Groundwater Pumping Technologies.*

11. Akram, A. A., S. Asad, and S. Nasim. *Does exposure to PM2.5 reduce short-term cognitive ability and coordination skills?*

12. Lakdawala, Z., and S. Nasim. *Ravi River Basin: Risks and Predictive Modeling.*

GRANTS AND SPONSORED PROJECTS

Greenstone, M. (PI), A. Habib, U. Naeem, and S. Nasim (Co-PIs). *Does the disclosure of third-party information on firm emissions increase regulatory compliance?* 2019–2020. International Growth Centre (IGC). £32,000.

Lakdawala, Z., and S. Nasim (Co-PIs). *Ravi River Basin: Risks and Predictive Modelling*, 2019–2020. LUMS Water Informatics and Technology Center (WIT). *Rs.*350,000.

Nasim, S. (PI), H. F. Ahmad, M. Gibson, F. Nadeem, and A. Rezaee (Co-PIs). *Forecasts: Consumption, Production and Behavioral Responses*, 2019. International Growth Centre (IGC). £62,000.

Nasim, S. (PI), H. F. Ahmad, M. Gibson, F. Nadeem, and A. Rezaee (Co-PIs). *Do Pakistanis value air pollution? Should they?* 2018. Lahore University of Management Sciences (LUMS). *Rs.*1,000,000.

Nasim, S., and F. Sharif (Co-PIs). *Investigating the Environmental and Economic Benefits of Energy Efficient Brick Kilns*, 2018. International Growth Centre (IGC). £8,000.

Asad, S., and S. Nasim (Co-PIs). *Dynamic Groundwater Management in Pakistan's Indus Basin: The Case of Periodic Investments in Groundwater Pumping Technologies*, 2016. LUMS Water Informatics and Technology Center (WIT). *Rs.*300,000.

S. Helfand (PI), and S. Nasim. *Optimal Groundwater Management in Pakistan's Indus Water Basin*, 2014. International Food Policy Research Institute (IFPRI), Pakistan Strategy Support Program (PSSP). $40,000.

Dinar, A. (PI), S. Helfand (Co-PI), and S. Nasim. *Allocative Inefficiency, Tenure Systems, and Poverty in Irrigated Agriculture in Pakistan*, 2012. International Food Policy Research Institute (IFPRI), Pakistan Strategy Support Program (PSSP). $40,000.

Dinar, A. (PI), S. Helfand (Co-PI), and S. Nasim. *Modeling Allocative Inefficiency of Irrigation Water across Agricultural Tenure Systems in Pakistan*, 2011. International Food Policy Research Institute (IFPRI), Pakistan Strategy Support Program (PSSP). $5,800.

OP-EDS

The banality of Punjab's business plan. Dawn. February 25, 2020.

Economics of climate change. Dawn. September 20, 2019.

HONORS & AWARDS

Dissertation Year Program Fellowship Award, University of California, Riverside, 2013.

Hilda and George Liebig Environmental Sciences Summer Fellowship Award, University of California, Riverside, 2011.

Dean's Distinguished Fellowship Award, University of California, Riverside, 2009–2010.

Davis United World College Scholarship, Colby College, 2004–2008.

EDITORIAL SERVICE

Referee for *Water Economics and Policy*, *Water Resources Research*, *The Lahore Journal of Economics*.

CONFERENCES AND SEMINARS

2020 Johns Hopkins University School of Advanced International Studies;[†]World Wildlife Fund Pakistan.

2019 Second International Conference on Applied Economics (The Lahore School of Economics); Food and Agriculture Organization of the United Nations; Leadership for Environment and Development (LEAD) Pakistan; Lahore University of Management Sciences (Department of Economics); The Graduate Institute of Development Studies.

2018 The Supreme Court of Pakistan; The Abdus Salam Research Center; Humanities and Social Sciences Conference (Lahore University of Management Sciences).

2017 Annual Conference of the Association of Environmental and Resource Economists; Annual Conference of the European Association of Environmental and Resource Economists; Hisaar Foundation Water Conference; Government College University Lahore (Department of Environmental Sciences); World Wildlife Fund Pakistan; Humanities and Social Sciences Conference (Lahore University of Management Sciences).

2016 Lahore University of Management Sciences (Department of Economics); Department of Environmental Sciences Annual Symposium (University of California, Riverside).

2015 Pakistan Strategy Support Program Competitive Grants Conference (International Food Policy Research Institute); Giannini Foundation of Agricultural Economics Annual Conference (University of California, Riverside).

2014 Institute of Development and Economic Alternatives (IDEAS), Lahore; University of California, Riverside (Deparment of Economics); International Food Policy Research Institute; Giannini Foundation of Agricultural Economics Annual Conference (University of California, Berkeley).

2012 Giannini Foundation of Agricultural Economics Annual Conference (University of California, Davis).

PROFESSIONAL MEMBERSHIPS

Association of Environmental and Resource Economists (2017–Present)

European Association of Environmental and Resource Economists (2017–Present).

SERVICE TO PROFESSION, UNIVERSITY, & DEPARTMENT

Conference Organization

    Country Coordinator, South Asian Economics Students' Meet, Nepal, January 2020.

    Country Coordinator, South Asian Economics Students' Meet, Sri Lanka, January 2019.

Lahore University of Management Sciences (LUMS)

    University Lead, UI GreenMetric Ranking (2016–2018).

    Undergraduate Curriculum Committee (2017–present).

    Conservation and Sustainability Committee (2016–2019).

    Space and Planning Committee (2016–2018).

Lahore University of Management Sciences (LUMS), Mushtaq Gurmani School of Humanities and Social Sciences (MGSHSS)

    Academic Integrity Committee (2020–present).

    Core Curriculum Design Committee (2016–2018).

Lahore University of Management Sciences (LUMS), Department of Economics

    Organizer, Department Brown Bag Seminar Series (2016–2019).

    Department Search Committee (2018–present).

    Convener, Environment Cluster (2018–present).

    Development Cluster (2016–2018).

    Econometrics, Math, and Statistics (2016–2019).

ADVISING

MS Economics Students, as Primary Thesis Advisor

    Hassan Ali (2020).

    Samina Faqir (2018)

    Muhammad Ibrahim (2018)

Undergraduate Independent Study and Senior Project Students

Syed Muzammil Zafar (2020).

Saniya Ali (2019).

Muhammad Hashaam Asif (2018).

Muhammad Zain Ali Khan (2018).

Afnan Ahsan Noble (2018).

Aiman Fajr (2017).

TEACHING

Lahore University of Management Sciences (LUMS)

Introduction to Environmental Economics: Fall 2016, Fall 2017, Spring 2020.

Mathematical Applications in Economics: Spring 2017, Fall 2018, Fall 2019, Fall 2020.

Advanced Environmental and Natural Resource Economics: Fall 2017.

Topics in Environmental and Natural Resource Economics: Spring 2018.

Principles of Macroeconomics: Spring 2019.

A Survey of the History of Economic Thought: Fall 2020.

University of California, Riverside

Introduction to Environmental Economics: Fall 2013, Fall 2014, teaching assistant to Prof. Ariel Dinar.

Introduction to Environmental Sciences: Spring 2012, teaching assistant to Prof. David Crohn.

MISCELLANEOUS

Trainings & Workshops

Online Pedagogy Skills Training Workshop (2020), LUMS Learning Institute.

Professional Development Training (2017), Prof. Qaisar Sultana.

[†]Canceled due to COVID-19.