

DR. NOMAN AHMED

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EDUCATIONAL QUALIFICATION

Loughborough University

Doctor of Philosophy (PhD) in 2005

Loughborough, UK

Middle East Technical University

Master's Degree in City Planning (M.C.P.) in 1992.

Ankara, Turkey

Dawood College of Engineering & Technology

NED University of Engineering & Technology,
Bachelor of Architecture (B. Arch) in 1989

Karachi, Pakistan

PROFESSIONAL TRAINING

National School of Public Policy

(formerly Pakistan Administrative Staff College)

88th National Management Course, 03 March – 02 August 2008.

Lahore, Pakistan

Harvard University

International Training Programme, Centre for Urban Development Studies,
September, 1999.

Cambridge, USA

Research Centre for Islamic History, Arts and Culture

Redevelopment Programme for Mostar, Bosnia Herzegovina,
June - July 1994 and June - July 1995.

Istanbul, Turkey

United Nations Centre for Regional Development (UNCRD)

International Training Course on Regional Development Planning April - May 1993.

The duration of the course was two months.

Nagoya, Japan

PROFESSIONAL AFFILIATIONS

Life Member, (as Professional Architect), Pakistan Council of Architect & Town Planners
(A-1537).

Life Member, (as Professional Town Planner), Pakistan Council of Architect & Town Planners
(P-355).

HONOURS/AWARDS

- Mehdi Ali Mirza Architectural Award for Academic Excellence by Institute of Architects Pakistan in 1989.
- Faculty's Gold Medal Award for obtaining First Class Position in B.Arch. from NED University, Karachi in 1989.
- “Best Community Project Award” of Junior Chamber International in the JCI World Congress, Helsinki, Finland in 1991.
- High Honours in the Masters’ Degree (M.C.P.) in 1992.
- United Nations Fellowship to participate in the 21st International Course on Regional Development Planning, UNCRD Headquarters, Nagoya, Japan in 1993.
- Partial Scholarship by Aga Khan Trust for Culture, Geneva to attend the IEP at Harvard University, Cambridge, USA, 1999
- APNS Award for Best Investigative Report on Environment and Development (published in Daily DAWN), All Pakistan News Paper Society, 2010 (award received from the then President of Pakistan)
- Akhter Hameed Khan Memorial Award by Council of Social Sciences-Pakistan for the best research based book titled ‘Water Supply in Karachi: Issues and Prospects’ published by Oxford University Press, Karachi, 2009
- Best University Teacher Award, December 2010 awarded by Higher Education Commission, Government of Pakistan, Islamabad
- *Tamgha-e-Imtiaz*, announced by the President of the Islamic Republic of Pakistan on 14 August 2020 and conferred on 23 March 2021

WORKING EXPERIENCE AND CURRENT OCCUPATION

- Research Associate, Dawood College - Aga Khan Program for Architecture and Urban Design, January 1990 - August 1990.
- Lecturer, Department of Architecture and Planning, Dawood College of Engineering and Technology, Karachi, November 1992 – April 2000.
- Faculty Member and Coordinator, Urban Design Graduate Programme, Department of Architecture and Planning, Dawood College of Engineering and Technology, Karachi. November 1992 – April 2000.
- Associate Professor and Chairman, Department of Architecture and Planning, NED University of Engineering and Technology, Karachi, April 2000 – April 2004.
- Professor and Chairman, Department of Architecture and Planning, NED University of Engineering and Technology, Karachi, May 2004 – September 2010.
- Meritorious Professor and Chairman, Department of Architecture and Planning, NED University of Engineering and Technology, Karachi - September 2010 onwards.
- Meritorious Professor and Acting Dean, Faculty of Architecture & Management Sciences, NED University of Engineering and Technology, Karachi, 10th November 2017 to 20th December 2017.
- Meritorious Professor and Dean, Faculty of Architecture & Management Sciences, NED University of Engineering and Technology, Karachi, 20th December 2017 to date.
- Chairholder and Network Coordinator, UNESCO Chair for Sustainable Urban Regions at NED University of Engineering and Technology, Karachi, June 2022 onwards

RESEARCH, ACADEMIC AND PROFESSIONAL INVOLVEMENTS

- Editor, Young Professionals Newsletter of the Asian Coalition for Housing Rights (ACHR), Bangkok, Thailand.
- Founder and coordinator, Young Professionals Training Unit (YPTU). An NGO aiming to provide training and exposure opportunities to young professionals in the community development initiatives with particular reference to socio-economic studies.
- Consultant to various national and international organisations on developmental projects, programmes and issues with emphasis on institutional strengthening

RESEARCH, CONSULTANCIES AND PROFESSIONAL ASSIGNMENTS

- Karachi scenario of industrial planning - case study of Landhi Korangi Industrial Area; *Dawood College - Aga Khan Program for Architecture and Urban Design, Karachi, 1989.*
- Documentation of slum up-gradation project, Lyari, Karachi; *United Nations Centre for Regional Development, Nagoya, Japan, 1990.*
- State and NGO based developments in squatter settlements - case of Essa Nagri, Karachi; *Dawood College - Aga Khan Program for Architecture and Urban Design, Karachi, 1990.*
- Study of metropolitan management, case of Karachi; *(Self motivated study), 1992.*
- Karimabad Planning Project-Karimabad, Hunza (with M/s. Arif Hasan and Raza Ali); *Aga Khan Historic Cities Support Programme (AKHCSP), 1993.*
- Monitoring and evaluation systems of housing programmes in Karachi; *United Nations Centre for Regional Development, Nagoya, Japan, 1993-94.*
- Development planning of five secondary cities of Sindh (Thatta, Badin, Naushahro Feroze, Dadu and Mithi) in association with M/s. Osmani & Company, Karachi including preparation of socio-economic profile of the cities; *Town Planning Department, Government of Sindh, Hyderabad, 1993-95.*
- City Paper on Karachi (highlighting the planning, development, socio-economic development, management and environmental issues); *Asian Development Bank/Karachi Metropolitan Corporation, 1994.*
- Redevelopment of Mostar, Bosnia Herzegovina; *Research Centre for Islamic History, Arts and Culture (IRCICA), Istanbul, Turkey. (Affiliate organ of the Organisation of Islamic Conference), 1994-95.*
- Planning and development of Bagh-e-Ibne-Qasim, Clifton, Karachi; *Karachi Metropolitan Corporation, 1994-97.*
- Video documentation of socio economic and environmental conditions of the Ismaili communities in rural Sindh; *Aga Khan Housing Board for Pakistan, 1995.*
- Ecological monitoring of re-settlement in bridge construction projects - case of Rashid Minhas Road, Karachi (studies included base line information collection and detailed socio-economic analysis); *Executive, Planning and Coordination (EXPACO) Government of Sindh (in association with the World Bank), 1995-96.*
- Planning, development and conservation of Karachi Zoological Gardens, Karachi; *Karachi Metropolitan Corporation, 1995.*
- Re-settlement impact assessment study on Karachi Northern Bypass; Study done for *National Engineering Services of Pakistan (NESPAK), 1996.*

- Evaluation of the Asian Development Bank funded Karachi Urban Development Project (as associate of Development Consortium, Karachi);
Asian Development Bank, Manila, 1996.
- Preparation of a travelling exhibition on Orangi Pilot Project and ‘Khuda-ki-Basti’ (Incremental Housing Scheme) for United Nations Conference on Human Settlements, Istanbul;
Orangi Pilot Project and SAIBAN, 1996.
- Public private partnerships in land supply for housing - case of Pakistan (as associate of Geoffrey Payne and Associates, UK);
Department for International Development, Government of the United Kingdom, 1997.
- Metropolitan planning and governance in Asia and the Pacific - case of Karachi;
United Nations Centre for Regional Development, Nagoya, Japan, 1998.
- Evaluation of low cost sanitation programme of Orangi Pilot Project, Karachi and impacts on socio-economic development;
Regional Water and Sanitation Group - South Asia, The World Bank, 1998.
- Study of performance indicators of infrastructure projects in Karachi;
Water, Engineering and Development Centre (WEDC), UK, 1998.
- Field Note on water vending in Karachi for low income groups and impacts on socio-economic development;
Water and Sanitation Group - South Asia, The World Bank, 1998-99.
- Study of the dynamics, social and economic impacts of privatisation of water and sanitation sector - case of Karachi;
Water, Engineering and Development Centre (WEDC), UK, 1999.
- Study of Physical, Social and Environmental changes in Parsi Colony, M.A. Jinnah Road, Karachi;
Parsi Community residing at Parsi Colony, Karachi, 1999.
- Mid Term Review, Monitoring and Final Evaluation of Quetta Katchi Abadis Environmental Programme;
Royal Netherlands Embassy, Islamabad 2000-2002.
- Evaluation of the DFID funded Capacity Building Project for Sarhad Rural Support Programme (as a team member of Arjumand and Associates, Islamabad);
Department for International Development, UK Government, Islamabad Office.
- Institutional Analysis of Water Sector in Karachi, Water and Sanitation Programme, World Bank, Islamabad office, 2007.
- Health Care Waste Management in Pakistan: Case Study of Karachi; Study undertaken for *WASTE, Gouda, the Netherlands, 2008*
- Hyderabad Master Plan (2007 – 2008) as Team Leader of Planning Team, M/S Osmani and Company (Pvt.) Ltd., *District Government, Hyderabad, 2008 -2010*
- UN HABITAT sponsored City Planning Project for Eight Cities in Pakistan, 2011 onwards as Team Leader
(UN granted Rs. 5.00 Million as research funding to NED University, Karachi.)
- Partial input to the feasibility study report on Pakistan Trade Information Gateway Real-time Exchange Project to streamline the flow of goods and transportation equipment starting from the Karachi Port container terminals for M/S LMKR Pakistan, 2011

- Karachi Land and Housing Study, International Institute for Environment and Development, London 2012-13 in association with Mr Arif Hasan
- Pakistan Housing Appraisal Study, World Bank, Islamabad Office and Washington, 2013
- Study on Control and Contestation of Space and Safety and Security Issues in Karachi: International Institute for Environmental and Development, London, UK 2014-15.
- Team Member, World Bank Mission for preparing Reform Road Map for Karachi Water and Sewerage Board, 2017 as Institutional Development Specialist, 2017
- Team Leader, World Bank Mission for evaluating low cost housing schemes in Khyber Pakhtunkhwa Province in Pakistan, 2017.
- Consultant, World Resources Institute in Washington DC for collecting and analyzing information on water and sewerage infrastructure in Karachi, 2017.
- Team Member, consultancy assignment for evaluating the building practices in Gilgit Baltistan and Chitral Region in Pakistan. Aga Khan Agency for Habitat (2017 -18)
- Team Member, Mereweather Tower and Precincts Upgrading Project, M/s ARCOP Associates, March 2018
- Consultant to the Urban Unit Lahore on the Preparation of Punjab Spatial Strategy 2047, Government of the Punjab, Lahore (also responsible for assisting the project team in developing a legal and institutional framework for the implementation of the various outcomes of the strategy)
- Team member, Street economy and public land study in Karachi, May 2019 with Mr. Arif Hasan and Mr Mansoor Raza, for the World Bank, Islamabad
- Team Leader, consultancy assignment for the World Bank for exploring the status of development of federal sites in Karachi for housing supply and re-development – case of Federal Capital Area in Karachi, 2019
- Consultant to the United Nations Development Programme (UNDP) for preparation of Terms of Reference for Greater Karachi Region Plan 2047 for assisting the Directorate of Urban Policy and Strategic Planning Unit, Government of Sindh, 2021-2022
- Team Leader, ‘Exploring the Invisible Diversity in the City of Lights’ a networking, engagement and outreach based project, funded by the British Council, Pakistan in association with Cardiff University, UK, 2022
- Team Leader, Women Mobility and Workforce Project, for British Asian Trust, Karachi Office, 2022 (ongoing)

- Lead Consultant, Preparation of Quetta Master Plan 2050, as team member of the Urban Unit, Government of the Punjab, Lahore for Quetta Development Authority and Government of Balochistan, Quetta, 2023 (ongoing)

- Team Leader, Karachi Climate Action Plan, by UNDP as a member of professional team of the Urban Unit, Lahore; assignment being done by Karachi Metropolitan Corporation (2023 ongoing)

PROFESSIONAL JOURNALISM

- Contributed more than 900 articles and pieces on broader developmental issues as well as socio-economic studies in leading newspapers of Pakistan (mainly DAWN and the NEWS).
- Articles/papers in ARCHI-TIMES, monthly newsletter of Architecture and Planning.
- Articles and papers to Water Lines, Environment and Urbanization, ICE Proceedings – Urban Design and Planning and Regional Development Dialogue, journals published by Intermediate Technology Publications, UK and United Nations Centre for Regional Development, Nagoya, Japan respectively.

PROFESSIONAL ADVICE

Extended professional advice to government agencies such as Planning Commission, Government of Pakistan; Planning and Development Department, Government of Sindh; City District Government, Karachi (CDGK), Karachi Metropolitan Corporation (KMC) Karachi Water and Sewerage Board (KWSB), Sindh Building Control Authority (SBCA); High Court of Sindh; Supreme Court of Pakistan; many non-governmental organisations (NGOs) and Community Based Organisations (CBOs).

COLLABORATIVE RESEARCH

Undertook research assignments on various developmental, socio-economic and environmental topics in collaboration with Massachusetts Institute of Technology, USA; Oxford Brookes University, UK; University of North London, UK; Mimar Sinan University, Istanbul, Turkey; Development Planning Unit, University College, London and Loughborough University, UK.

SELECTED PUBLICATIONS/PUBLISHED PAPERS

- **“A Semi-Autonomous Urban Water Management System: Retail Beneficiaries of Bulk Water Consumers in Karachi”**, paper presented and published in the proceedings of 32nd WEDC International Conference, Colombo, Sri Lanka 13-17 November 2006.
- **“Alternate Water Supply Arrangements in Peri Urban Localities: Awami (People’s) Tanks in Orangi Township, Karachi”** in Environment & Urbanization, Vol. 15, No. 2, October, 2003, pp.33-42 (with Dr. Mohammad Sohail).
- **“Assessing the Urban Development Projects in the Current Decade in Karachi, Pakistan”**, paper published in the proceedings of International Civil Engineering Education Congress 2006, Angeles University Foundation, Angeles City, Philippines.
- **“Beyond Nostalgic Appeal” – The Means and Measures Dictating Heritage Management Trends in Pakistan**; co-author of the book chapter in **‘Routledge Companion in Global Heritage Conservation’**, Vinayak Bharne and Trudi Sandmeier (editors), Routledge, New York, 2019
- **“City Profile with Respect to Planning Governance - Karachi Metropolitan Area, Pakistan”** in Metropolitan Governance and Planning in Transition: Asia Pacific Cases, Josefa S. Edralin (Editor), UNCRD Research Report Series No. 31; Nagoya: United Nations Centre for Regional Development, 1998.
- **“Globalisation and Heritage – Some Perspectives”**, paper presented and published in the proceedings of the First International Conference on Heritage, Globalisation and Built Environment, organised by Bahrain Society of Engineers, Government of Bahrain and the University of Bahrain (06-08 December 2004).

- **“Half a Century of Trends”** in Karachi – Mega City of Our Times, Hamida Khuhro and Anwer Mooraj (Editors); Karachi: Oxford University Press, 1997. Revised edition published in 2007.
- **“High Dreams and Stark Realities: Reading Islamabad”** in The Emerging Asian City, Vinayak Bharne (Edition), ISBN 978-0415525985, New York: Routledge, 2013
- **“Housing Reconstruction in a conflict zone- lesson learned from Awarm, district in Balochistan, Pakistan”** in a Planning Malaysia Journal 15 issue 3, 2017.
- **“Karachi, From the Prism of Urban Design”**; Karachi: Department of Architecture and Planning, NED University, 2016
- **Karachi: The Land Issue**; Karachi: Oxford University Press, 2015
- **“Monitoring and Evaluation System for Housing Programmes in Karachi”** in Architecture and Planning Journal, APPC-DCET, Karachi, pp.9-28, 1995.
- **“Parks and Open Spaces in Karachi – A Contextual Perspective”** in Landscaping Parameters, Sumer Gurel et.Al. (Editors); Karachi: APPC 1994.
- **Planning and Development of Industrial Locations in Karachi During the Post Independence Period**, Karachi: APPC, 1994.
- **“Privatization of KWSB – An Analysis”**, Karachi: City Press, 2000.
- **“Progress in Solar Water Disinfections (SODIS)”** 24th WEDC Conference Proceedings, Water, Engineering and Development Centre, Loughborough University, UK – Conference held in Islamabad, 1998; pp. 365-369.
- **“Public Private Partnerships and the Poor – Case Report-1: Karachi, Pakistan”**, WEDC, Loughborough University, United Kingdom, 2003, 38 pages.
- **“Public Private Partnerships and the Poor – Case Report-2: Bulk Water Consumers of the Karachi Water and Sewerage Board”**, WEDC, Loughborough University, United Kingdom, 2003, 35 pages.
- **“Public Private Partnerships and the Poor – Case Report-3: Awami (People’s) Tanks in Orangi Town, Karachi, Pakistan”**, WEDC, Loughborough University, United Kingdom, 2003, 92 pages.
- **“Public Private Partnerships and the Poor – Case Report-4: Awami (People’s) Tanks Revisited”**, WEDC, Loughborough University, United Kingdom, 2003, 53 pages.
- **“Public Private Partnerships in Pakistan”** in Making Common Ground, Geoffrey Payne (Editor); London: Intermediate Technology Publications, 1999.
- **“Re-Building Mostar: A Replicable Framework for the Redevelopment of Bosnian Cities”** in Architectural Heritage Today, Program Report, Istanbul: Research Centre for Islamic History; Arts and Culture, 1995.
- **“Stakeholder’s Response to the Private Sector Participation of Water Supply Utility in Karachi, Pakistan”** in Water Policy, No. 6, (2004) pp. 229-247.
- **‘The KBA Chronicle: Life and Works of Professor Kausar Bashir Ahmad’**; Karachi: Department of Architecture and Planning, NED University, 2012
- **“Trends in Modern Housing – An Affair with Illusions?”** in Habitat – Pakistan, Issue No. 13, pp. 13-17, 1989.
- **“Urban Organic Waste Management in Karachi, Pakistan”** 28th WEDC Conference Proceedings, Water, Engineering and Development Centre, Loughborough University, UK – Conference held in Kolkata, 2002.
- **“Water Supply in Karachi: Issues and Prospects”**, Karachi: Oxford University Press.2008

- **“Status of Heritage Sites and Locations in Indian Administered Kashmir”** in Proceedings of the International Conference on Protecting the Cultural Heritage of the Muslim World, November 2017 (Published in December 2019), Organized by Research Centre for Islamic History, Arts and Culture (IRCICA), Pages 155-192
- **Investigating the Emergence and Performance of Shopping Malls from Design Review and Users’ Perspective in Karachi, Pakistan;** International Research Journal of Architecture and Planning, Volume 5 No. 1, pages 111-122 (Co author)
- **Positioning historical evidences in architectural education: review of methods and contents,** Open House International, September 2020, Peer Reviewed Foreign Journal Listed in JCR (Co-author)
- **Examining challenges experienced by street vendors in Global South: Case of Karachi,** Proceedings of the Institution of Civil Engineers – Urban Design and Planning; Volume 174 Issue 1, February 2021 (First Author)
- **Examining the usage of city walls for wall chalking: case of Karachi, Pakistan,** Bhumi - The Planning Journal, Volume 7, No 2 (First Author)
- **Predicaments and possibilities experienced by the homeless in Karachi,** Journal of Asian And African Studies, 2022, pages 1-20 (First Author)
- **Intensifying Urbanities in Karachi: A South Asian City in the times of Covid 19;** Economic and Political Weekly, Vol. 57 No. 5, January 31 2022 (Fourth author)
- **Covid-19, micro-smart lockdowns, and gendered impacts in Karachi,** book chapter in ‘Covid 19 and Informal Workers in Asian Cities, Regional Science Association’ (in print) (co- author)
- **Karachi: Changing institutional landscapes, challenges,** and reforms in Routledge Handbook of Asian Cities, edited by Richard Hu (in print) (author) (in print)
- **Navigating the impacts of COVID-19 pandemic in Asia : State measures, grassroots responses, and implications for recovery;** Co-editor; Melbourne: Taylor and Francis
- **Conflicting Binaries and Urban Spaces: the Case of Merewether: Tower Precinct in Karachi (Pakistan)** in Journal of Architecture and Planning, Vol. 35 No. 2. Pages 269-283, 2023 (co-author)
- **Structure of Land Supply** in Power, Politics and Plans: The Political Economy of Housing in Pakistan, Nasir Javed and Muhammad Shafaat Nawaz (editors), Research for Social Transformation and Advancement, Pakistan Institute of Development Economics, Islamabad , 2023, (co-author)
- **Lari Octa Green emergency shelters, Sindh province, Pakistan, Yasmeen Lari,** in Architectural Review, June 2023, (author)

MEMBERSHIPS AND ASSOCIATIONS

- Member, Asian Coalition for Housing Rights, Bangkok, Thailand.
- Member, Executive Committee, Urban Resource Centre, Karachi.
- Member, Planning and Development Board, Government of Sindh, Karachi
- Member, Board of Directors, Karachi Water and Sewerage Board

- Expert Member, Review Committee for Gwadar Smart Port City Master Plan, Government of Balochis tan
- Member, Board of Directors, Textile Institute of Pakistan
- Member, Board of Directors, National Textile Foundation