

CURRICULUM VITAE

1. PERSONAL

- 1.1 Name : **ARIF HASAN**
- 1.2 Date of Birth : 10 June 1943
- 1.3 Profession : Architect
- 1.4 Address : 37-D, Mohammad Ali Society, Karachi – 75350 (Pakistan)
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2. BOOKS ON HUMAN SETTLEMENTS AND ENVIRONMENT

2.1 Author of following books published by the Orangi Pilot Project-Research and Training Institute, Karachi:

- **“The Hawkers of Saddar Bazaar”**
Published by Ushba Publishing International, Karachi, 2006
- **“The Scale and Cases of Urban Change in Pakistan”**
Published by Ushba Publishing International, Karachi, 2006
- **“Working With Communities” (Urdu Version)**
Published by City Press, Karachi, 2003
- **“The Unplanned Revolution: Observations on the Process of Socio-economic Change in Pakistan”**
Published by City Press, Karachi, 2002
- **“Working With Communities”**
Published by City Press, Karachi, 2001
- **“Housing for the Poor”**
Published by City Press, Karachi 2000
- **“Understanding Karachi: Planning and Reform for the Future”**
Published by City Press, Karachi 1999
- **“Dr. Akhtar Hameed Khan and the OPP”**
Published by the City Press, Karachi, 1999
- **“Community Initiatives: Four Case Studies from Karachi”, 1998**
Published by City Press, Karachi
- **“Working With Government”, 1997**
The story of Orangi Pilot Project’s association with government and international agencies.
With the cooperation of the UNDP/World Bank Water & Sanitation Programme
Published by City Press, Karachi
- **“The Housing Policies in a Changing Asian Context”, 1997**

With the cooperation of the Asian Coalition for Housing Rights (ACHR)
Published by City Press, Karachi

- **“The Housing Crisis in Central Asia”, 1997**
With the cooperation of the ACHR
Published by City Press, Karachi
- **“Seven Reports on Housing”, 1992**
- **“Manual for Informal Settlement Rehabilitation Programme Based on the OPP Model”, 1992**
- **“Scaling-Up of the Orangi Pilot Project’s Low Cost Sanitation Programme”, 1993**
- **“Environmental Repercussions of Development in Pakistan”, 1993**

2.2 Contributed chapters/case studies to the following books:

- **“Professionals, Academia and Low Income Communities”**
Contribution to Pietro Garau’s under publishing Book
22 March 2008
- **“International Capital, NGOs, Architects and Communities: The Case of Karachi”**
Prepared for the contribution to INTBAU’s Book "New Architecture and Urbanism: Development on Indian Traditions" to be published in India
May 24, 2007
- **“The Future Development of the Karachi Nalas: Some Ground Realities”**
Prepared for Asia Urbs Publication to be published in Belgium
May 16, 2007
- **“The Growth of A Metropolis”**
Prepared for Ms. Hameed Khuro’s Book “Karachi: Megacity of Our Times”, to be published by Oxford University Press, Karachi
(Revised Version; 10 May 2007)
- **“Karachi: Origins and the Subsequent Planning Process”**
Prepared for Dr. Michel Boivin’s book to be published
March 18, 2007
- **“The Changing Landscape of Asian Cities”**
Prepared for the NED University Journal, Karachi
February 19, 2007
- **“Urban Informality”**
Edited by Ananya Roy and Nezar Al-Sayyad
Published by Lexington Books, Oxford, 2003
- **“Understanding Islamic Architecture”**
Published by Routledge Curzon, London, UK, 2002
- **“Continuity and Change: Socio-Political and Institutional Dynamics in Pakistan”**
Edited by S. Akbar Zaidi
Published by City Press, Karachi, 2003

- **“South Asia in a Globalising World”**
 Edited by Robert Bradnock & Glyn Williams
 Published by Prentice Hall, Pearson Education, UK, 2002
- **The Causes for the Political Alienation of Pakistan’s Elite**
 Paper for Akbar Zaidi’s book, July 25, 2002
- **“Architectural Knowledge and Cultural Diversity”**
 Edited by William O’Reilly
 Published by Comportments and authors, Lausanne, 1999
- **“The Architecture of Empowerment”**
 Edited by Ismail Serageldin
 Published by Academy Group Ltd., UK, 1997
- **“The Encyclopaedia of Vernacular Architecture”**
 Edited by Paul Oliver
 Published by Cambridge University Press, US, 1997
- **“Building Community”**
 Edited by Bertha Turner
 Published by Building Community Books, UK, 1988
- **“In the Shadow of the City”**
 Edited by Trudy Harphan and Tim Lusty
 Published by the Oxford University Press, UK, 1987
- **“The Living City”**
 Edited by David Cadman and Geoffery Payne
 Published by Routledge, UK, 1990
- **“Struggle for Habitation”**
 Edited by Anzorena, Iyori, Uchida and Hosaka
 Published by Akashi Publishing Co., Tokyo, 1987
- **“The Greening of Aid: Sustainable Livelihoods in Practices”**
 Edited by Czech Conroy and Miles Litvinoff
 Published by Earthscan Publications Limited, UK, 1988
- **“Housing Parameters”**
 Edited by S. Gurel, K.B. Ahmad, F. Noor and K. Jamal
 Published by Dawood College Publication Centre, Karachi 1991
- **“Financing Pakistan’s Development in the 1990s”**
 Edited by Anjum Nasim
 Published by Oxford University Press, Karachi
- **“Architecture for a Changing World”**
 Edited by James Steele
 Published by Aga Khan Award for Architecture/Academy Editions London, 1993
- **“Landscape Parameters”**
 Published by Dawood College, 1994
- **“Architecture Beyond Architecture”**
 Edited by Cynthia C. Davidson

Published by Aga Khan Award for Architecture/Academy Editions London, 1996

- **“Living in Asian Cities”**
Published by the Economic and Social Commission for Asia and Pacific,
United Nations, New York, USA, 1996
- **“Karachi Ki Kahani” (the story of Karachi)**
An Urdu publication of “Aaj ki Kitabain”, Karachi, October 1996

2.3 Books in the Process of being Published / Prepared

- **“Participatory Development”**
The story of the Orangi Pilot Project and the Urban Resource Centre, Karachi
(being published by the Oxford University Press, Karachi)
- **“The Unplanned Revolution”**
(revised and updated version of the earlier book now being published by the Oxford
University Press, Karachi)
- **“Karachi: Papers on physical and social infrastructure”**
(to be submitted for consideration by the Oxford University Press, Karachi)

3. SOME IMPORTANT REPORTS SINCE 1985

- 3.1 **Migration and Small Towns in Pakistan**
Prepared for the International Institute of Environment and Development (IIED), UK
05 January 2008
- 3.2 **Profile of the Urban Resource Centre, Karachi, Pakistan**
Prepared for the International Institute of Environment and Development (IIED) Local Institutions
Project
27 October 2006
- 3.3 **The Orangi Pilot Project-Research and Training Institute’s Mapping Process and Its Repercussions**
Prepared for the International Institute of Environment and Development (IIED), UK
Draft, February 15, 2005
- 3.4 **Livelihood Substitution: The Case of the Lyari Expressway**
Research report for DFID, UK
July 13, 2004
- 3.5 **NORAD Funded Education Programme in the Northern Areas of Pakistan**
Draft report prepared for the Aga Khan Foundation, Islamabad
September 08, 2003
- 3.6 **Localizing Habitat Agenda Research Project: A Case Study of the Orangi Pilot Project-
Research and Training Institute, Karachi, Pakistan**
Prepared for a Research Project of the Max Lock Centre, Westminster University, London,
Draft, April 18, 2003
- 3.7 **Urban Change: Scale and Underlying Causes: The Case of Pakistan**
Prepared for International Institute of Environment and Development (IIED), UK
First draft, September 16, 2002
- 3.8 **Reporting on Slums: A Case Study of Karachi, Pakistan**

- Prepared for the Development Planning Unit, University College London for the Global Report on Human Settlements 2003
July 01, 2002
- 3.9 **Integrating Recycling and Disposal System for Solid Waste Management in Karachi**
Prepared for the Water and Sanitation Program-South Asia, the World Bank, Islamabad
June 20, 2001
- 3.10 **Governance, Decentralisation and Poverty Eradication: The View from Orangi. Karachi**
Prepared for SAPNA (South Asian Perspectives Network Association), Sri Lanka
October 2000
- 3.11 **Building and Construction Improvement Programme (BACIP) Evaluation – 2000**
Prepared for the Aga Khan Building and Planning Services, Pakistan (AKBPS,P)
July 2000
- 3.12 **The Work of the Anjuman Samaji Behbood and the Larger Faisalabad Context**
For IIED (UK), December 1999
- 3.13 **Thardeep: The Story of the Thar Rural Development Project from a donor supported relief effort to a national NGO**
Prepared for the UNICEF, Karachi
December 1998
- 3.14 **Social Services Access Strategy: Housing and Settlement**
Prepared for the Aga Khan Housing Board, Pakistan
October 1996
- 3.15 **Report of the Asian Coalition for Housing Rights Mission to Almaty (Kazakhstan) and Bishkek (Kyrgystan)**
March 1996
- 3.16 **Options for Poverty Alleviation Actions at Municipal Level for Sukkur (Pakistan)**
Prepared for the Urban Management Programme/UNDP, Malaysia
November 1994
- 3.17 **Case Study of the Urban Basic Services Programme in Sukkur**
Prepared for the IIED, UK
October 1994
- 3.18 **Mapping City Inequality: A Case Study of Karachi**
Prepared for the International Institute of Environment and Development (IIED), UK
October 1994
- 3.19 **Housing Policies and Approaches in a Changing Urban Context**
Prepared for UNCHS and Katholic University of Leuven, Belgium
May 1994
- 3.20 **Profile of Three Pakistani Cities: Karachi, Faisalabad and Thatta**
Prepared for the IIED/UNCHS Global Report on Housing Settlements
April 1994
- 3.21 **Four Participatory Development Projects in Pakistan**
Prepared for the ODA/IIED, UK
February 1994
- 3.22 **Karimabad-Hunza: Planning for Community Managed Development**

- Prepared for the Aga Khan Trust for Culture – Aga Khan Cultural Services, Pakistan
August 1993
- 3.23 **Evaluation of the Community Development Component at Rehri Village carried out by the Coastal Eco-system Unit**
Prepared for the IUCN, Pakistan
July 1993
- 3.24 **Evaluation of the Thar Rural Development Project**
Prepared for UNICEF, Save the Children’s Fund (UK) and Government of Sindh (Pakistan)
January 1993
- 3.25 **GEF Small Grants Programme for Pakistan: Assessment of Conditions and Recommendations**
Prepared for the UNDP, Islamabad
October 1992
- 3.26 **Lessons Learnt From the Replication Projects of the Orangi Pilot Project’s Low Cost Sanitation Programme**
Prepared for the Policy Unit Water and Sanitation Division, World Bank, Washington, USA
August 1992
- 3.27 **Manual for Information Settlement Rehabilitation**
The manual has been prepared for the Union of International Architects (UIA) as an input for the UNESCO sponsored “World Decade for Cultural Development 1988-1997” and is being published by UNESCO in its Human Settlements and Socio-Cultural Environment series
February – September 1991
- 3.28 **Improving Karachi’s Metropolitan Living Environment through Strengthening Housing Sector Activities**
Prepared for the UNCRD’s Third International Housing Training Seminar, Nagoya, Japan
March 1991
- 3.29 **Pakistan Report for South Asia Partnership’s Regional Environmental Study for South Asia**
The report deals with the physical, social, economic and political aspects of national environmental concerns and problems
January 1990 – January 1991
- 3.30 **Evaluation of the HDA’s Khuda-ki-Busti Incremental Housing Project**
Evaluation of the project prepared for the House Building Finance Corporation, Karachi
August 1990
- 3.31 **Community Development Groups in the Urban Field in Pakistan**
Report prepared for the Swiss Development Cooperation, Islamabad
August 1989
- 3.32 **Profile of Coastal Communities**
Prepared for the UNESCAP/Environment and Urban Affairs Division, Government of Pakistan, as part of a Greater Coastal Environmental Plan for Pakistan covering the entire coastal and Indus delta region
April 1989
- 3.33 **Comprehensive Assessment of Drought and Famine in Sind Arid Zones Leading to a Realistic Short and Long Term Emergency Intervention Plan**
Report prepared for Government of Sind (Pakistan), UNICEF, Karachi and Save the Children’s Fund (SCF), UK;
January 1988
- 3.34 **A Study on Metropolitan Fringe Development Focused on Informal Land Subdivision in Karachi**

A study conducted for the UNESCAP/UNIDO Division of Industry, Human Settlements and Technology, Bangkok
November 1987

- 3.35 **Case Study of the Low Cost Sanitation Programme of the Orangi Pilot Project**
Case study prepared for the NGO Habitat Project for the UN Year for the Shelterless
August 1986
- 3.36 **An Evaluation of the Sind Rural Water Supply Project**
Report prepared for the UNICEF/Swiss Development Cooperation on the technical, sociological and environmental impact of the water schemes in Tharparkar, with recommendations for the future
March 1986
- 3.37 **An Evaluation of the Aga Khan Foundation's Self Help School Building Programme for the Northern Areas**
Evaluation report prepared for the Aga Khan Foundation on the programme with respect to its sociological, economic and technological aspects and the impact of new technology on the environment
September 1985
- 3.38 **Proposals for a Water and Sanitation Programme for Baba Island**
Proposals prepared for the Mission Fund of the Canadian Embassy for development through community participation. The proposals have been accepted and the project commenced
September 1985
- 3.39 **An Evaluation of the BIAD/UNICEF Water Supply Schemes for Rural Baluchistan**
Evaluation report prepared for UNICEF on sociological, economic, technical and ecological aspects of the water schemes with recommendations
March 1985

4. SOME IMPORTANT RESEARCH PAPERS AND PUBLICATIONS SINCE 1985

- 4.1 **The New Urban Development Paradigm and the Changing Landscape of Asian Cities**
Prepared for the International Society of City and Regional Planners (ISoCaRP) Review No. 3, The Hague, The Netherlands
April 23, 2007
- 4.2 **The Sanitation Programme of the Orangi Pilot Project-Research and Training Institute, Karachi, Pakistan**
Paper prepared for Woodrow Wilson Centre, Washington for publication purposes
04 May 2007
- 4.3 **Development Plans and Civil Society Responses in Karachi, Pakistan**
Paper prepared for 1st Urban Design International Congress (UDIC1) Isfahan, Iran 4-7 September 2006 (July 26, 2006)
- 4.4 **The Orangi Pilot Project-Research and Training Institute's Mapping Process and its Repercussions**
Paper prepared for International Institute of Environment and Development (IIED), UK
Draft, February 15, 2005
- 4.5 **Water Related Governance Issues: Lessons Learnt from the Work of the Orangi Pilot Project-Research and Training Institute, Karachi**
(Paper prepared for the IIED Workshop on "Addressing water and sanitation deficiencies in low-income settings: Narrowing the gap between global rhetoric and local action", London, 3-4 December 2004)
Draft, November 25, 2004

- 4.6 **Asian Inner Cities: Concerns of the Asian Coalition for Housing Rights (ACHR)**
Presentation at the UNESCO's Roundtable of Experts on "Social Sustainability in Historic Districts",
Barcelona, September 2004
October 22, 2004
- 4.7 **The Process of Socio-economic Change in Pakistan**
Paper prepared for a Conference at Johns Hopkins University at the School of Advanced International
Studies (SAIS), Washington, USA, November 08, 2004
First Draft, October 20, 2004
- 4.8 **Asian Inner Cities: ACHR Concerns**
Paper prepared for Barcelona MDG Roundtable on 13 September 2004
September 07, 2004
- 4.9 **Access to Shelter**
Paper prepared for Mr. Zaigham Khan, Islamabad
July 26, 2004
- 4.10 **The Lyari Expressway: Citizen's Concerns and Community Resistance**
Paper prepared for the "Comparing Urban Landscapes Workshop", Lahore 10-12 April 2004
March 06, 2004
- 4.11 **Rural Sanitation**
Paper prepared for International Symposium on community Based Approaches for Integrated Water
Resources Management, 16-17 February 2004, Islamabad
- 4.12 **The Scaling-up of the OPP's Low Cost Sanitation Programme through CBO-NGO-Local Government
Partnership in Pakistan**
Paper prepared for the World Bank 2003 Urban Research Symposium, 17 - 19 December 2003,
Washington, USA
- 4.13 **The Urban Planet**
Paper prepared for Forum Barcelona 2004. Paper prepared on October 13, 2003
- 4.14 **The Death of the Indus Delta**
Paper prepared for Lahore Workshop on 10 July 2003 at Pearl Continental Hotel, Lahore organised by
Szabist, Karachi. Paper prepared on July 01, 2003
- 4.15 **Livelihoods Substitution DFID Karachi Research: Lyari Expressway**
Prepared for DFID/WEDC, UK, December 04, 2002
- 4.16 **Community Architects and other Professionals**
Presentation by Arif Hasan at ACHR Training at URC Karachi on 18 December 2000.
- 4.17 **Local Agenda 21 and the Asian Context**
Paper for the Conference on "Local Agenda 21 in Development Perspectives", Brussels,
Belgium, October 4 - 5, 2002
September 13, 2002
- 4.18 **Integrating Garbage Recycling Activities into a Solid Waste Management System for
Karachi**
Paper for International Symposium on Solid Waste Manage in Urban Centres on October 20,
2002 at NED University, Karachi
September 28, 2001
- 4.19 **The Changing Nature of the Informal Sector in Karachi due to Global Restructuring and
Liberalisation**

- Paper prepared for the Symposium on “**Urban Informality in the Era of Liberalisation: A Trans-national Perspective**”, University of California, Berkeley, January 26 – 27, 2001
November 22, 2000
- 4.20 **Informal Settlements and Urban Sustainability in Pakistan**
June 19, 2000
- 4.21 **Scaling Up of the Orangi Pilot Project Programmes: Successes, Failures and Potential**
Paper prepared for Asian Mayors’ Forum on “Fighting Urban Poverty”, 26 - 29 June 2000,
Shanghai, China
May 05, 2000
- 4.22 **Karachi’s Physical Planning Issues on the Eve of the Millennium**
December 23, 1999
- 4.23 **Poverty in Karachi**
October 29, 1999
- 4.24 **Increasing Coverage and Quality of Sanitation Provision: Lessons Learnt Through the Work of the Orangi Pilot Project**
Paper prepared for the SDC Symposium on “Urban Environment” in Brienz, Switzerland,
14 – 17 September 1999
- 4.25 **The Journey from Architecture to Development**
Paper prepared for the Second Environmental and Architectural Forum, Tehran,
22 – 24 June 1999
- 4.26 **National Water Plans and the Larger Socio-economic Reality**
Paper prepared for the Citizen’s Conference on “The Politics of Water: Perspectives and Policies”, Islamabad, June 30 – July 01, 1999
- 4.27 **City Opportunities and Management in Asian Cities**
Paper prepared for the IBIS Symposium on Globalization, Urban Forum and Governance,
DUT-Delft, Netherlands, 27 – 29 January 1999
January 1999
- 4.28 **The Informal City**
Paper prepared for the Regional Symposium on Urban Poverty in Asia: Fukuoka, Japan
September 1998
- 4.29 **Urban Poverty Alleviation – Policy Orientation**
Draft paper prepared for K.U. Leuven, Belgium
September 1998
- 4.30 **Evaluation of the Work of the People’s Dialogue and South African Homeless People’s Federation (Arif Hasan’s part in the evaluation)**
August 1998
- 4.31 **The Rational Behind the Urban Resource Centre Concept**
May 1998
- 4.32 **Housing: The Pakistan Situation**
Paper prepared for the Regional Expert Group Meeting on “The Future of Community Participation in Asian Economic Context”, Fukuoka, Japan
March 1998
- 4.33 **Lessons Learnt: Increasing Coverage and Quality of Sanitation Provision**
Paper prepared for the National Seminar on “Urban Environment Sanitation”, National

- Centre for Rural Development, Islamabad
March 1998
- 4.34 **Development and the Process of Socio-economic Change in Pakistan**
Paper prepared for the Conference on “Divergent Modernities: South Asia and Europe”,
Berlin, Germany
June 1997
- 4.35 **Housing in the Pakistani Context**
Paper prepared for the Aga Khan Housing Board, Karachi
May 1997
- 4.36 **Physical Infrastructure: Urbanisation and Urban Service**
Paper prepared for the Development and Planning Division, Government of Pakistan,
Islamabad, May 1997
- 4.37 **How Does A City Function?**
Prepared for the UNESCAP publication on Living in Asian and Pacific Cities: 20 years of Innovation and
Policy Evolution
August 1995
- 4.38 **The Role of Formal and Informal Sectors in the Provision of Housing in Pakistan**
Prepared for the Lahore University of Management Sciences, Graduate School of Business
Administration, Lahore
December 1991
- 4.39 **Area Conservation: The Larger Issue**
Paper prepared for the “Karachi Architectural Conservation Workshop – 1990”, organised by the
Dawood College – Aga Khan Programme for Architecture and Urban Design, Karachi
June 1990
- 4.40 **Near Famine Conditions and Their Relationship to the Changing Social Economy of the Desert**
Prepared for the India-Pakistan Conference on the environment organised by the IUCN,
Lahore
December 1989
- 4.41 **An Evaluation of Government Schemes on Rural Housing**
Paper prepared at the National Seminar on Rural Development in Housing and Village Planning
organised by the Aga Khan Housing Board, Karachi
December 1988
- 4.42 **Low Income Housing and the Urban Environment**
Paper read at the National Seminar on the Role of Media in Public Awareness of the
Environment in Pakistan organised by UNESCAP/Government of Pakistan
December 1988
- 4.43 **Development and Its Effect on the Ecology of Lower Sindh**
Presentation at the Second South Asian Consultation organised by FAO Freedom from
Hunger Campaign. The presentation is being converted into a report, Bangalore, India
March 1987
- 4.44 **The Orangi Pilot Project and the Process of Change in Orangi**
Paper read at the Regional Seminar on the Essence of Grass-roots Participation in Human
Settlements Work. Published in Japanese as part of a book on Housing and in the NIPA
Journal, Karachi, Thailand
February 1986
- 4.45 **Study of Two Alternative Approaches to Improvement of Low Income Areas:**

Madras and Orangi

Co-authored with Chetan Vaidya, published in the Habitat Journal, Nairobi
1986

4.46 The Housing Programme of the Orangi Pilot Project

Paper read at Second National Workshop organised by the UN Coordinators Group for South Asia and published by the Orangi Pilot Project, Karachi
December 1985

4.47 The Low Cost Sanitation Programme of the Orangi Pilot Project

Paper read at the Workshop on Community Health and the Urban Poor organised by the London School of Hygiene and Tropical Medicine and published by the Orangi Pilot Project and in abridged forum by the World Health Forum 1988, Vol. 9, No. 3, Oxford
July 1985

4.48 Urban Services Through Community Participation

Paper read at the International Seminar on Housing in Urban Development arranged by the National Housing Authority, Bangkok, Thailand
January 1985

4.49 In addition numerous articles on urban affairs, history, heritage, development and national political issues, have been published in the national and international press.

5. CONSULTANCY

5.1 National Sanitation Policy

Currently, consultant to the Ministry of Environment, Government of Pakistan, Islamabad for the preparation of National Sanitation Policy.

5.2 Education Sector Reform Assistance (ESRA) Programme

Consultancy is being provided to ESRA for its community managed and part financed school building programme. The programme is being operated by the Government of Pakistan with support provided by USAID/Pakistan.

5.3 Orangi Pilot Project-Research and Training Institute (OPP-RTI)

Since 1981 onwards

Orangi Pilot Project is an urban upgrading project for a large squatter colony in Karachi. Consultancy is being provided to the Project for directing research into the dynamics of low income settlements and for modifying technology and implementation procedures to make them compatible with the concept of community participation. This is being done for the Project's low cost sanitation and housing programmes. The programme also has a strong advocacy component based on research into the social and physical dynamics of low income settlements.

In the past two years the Project is being replicated in various locations in Pakistan by international agencies, Government of Pakistan and local government organisations. The programme is being replicated in a number of Asian and African countries.

The OPP is the consultant to these projects in planning, training and community participation components. Consultancy and advice is being provided to the OPP to make its involvement in these replication projects possible. The Project has attracted large scale international attention and is considered as one of the best examples of development through community organisation.

5.4 Localising Habitat Agenda 21 Research Project

June 2002 – June 2005

Consultancy is being provided to the Max Lock Centre at the University of Westminster, London, UK.

- 5.5 **NGO Resource Centre Performance Management and Strategic Review**
October 2002

- 5.6 **Review of the Work of the Asian Coalition for Housing Rights (ACHR), Bangkok**
January – June 2002

Consultancy was provided to CORDAID (a Dutch NGO) which funds the work of the ACHR. The consultancy consisted of a review and evaluation of ACHR's work in Thailand, Cambodia, Vietnam and the Philippines.

- 5.7 **NGO Resource Centre Review**
February 1997

Consultancy was provided to the NGO Resource Centre of the Aga Khan Foundation for a reviewing its programmes and developing strategies for the future.

- 5.8 **Gomti River Pollution Control Project at Lucknow, India**

Consultancy was provided to SPARC, the NGO involved with the project for promoting community participation for the design and implementation of drainage and housing programmes associated with the project.

- 5.9 **Shah Jalal Housing Trust, Sylhet, Bangladesh**
August 1995

Consultancy was provided to the Homeless International, a British NGO, for assisting it in developing a support programme for the Shah Jalal Housing Trust in Bangladesh.

- 5.10 **North-South Community Exchange**
March 1995

Consultancy was provided to a British NGO, for determining the suitability and nature of a North-South Community Exchange Programme involving low income groups with problems of housing and unemployment. In the process a number of community groups, housing associations and cooperatives were visited in various cities of the UK and a report prepared.

- 5.11 **Local Initiative Facility for Urban Environments**
December 1994 – February 1995

Acted as the local consultant for the IIED, UK who were preparing a report on the above subject, for the ODA, UK, based on case studies from four countries in the Third World including Pakistan.

- 5.12 **Options for Urban Poverty Alleviation Actions at Municipal Level for Sukkur (Pakistan)**
September – December 1994

Consultancy was provided to the Urban Management Programme of the UNDP in preparing a case study of poverty and poverty alleviation programmes for the city of Sukkur. This was followed by a workshop on the subject and a workshop report.

- 5.13 **Rural Water Supply and Sanitation Programme; UNDP/World Bank**
December 1993 onwards

Consultancy is being provided to the UNDP/World Bank Water and Sanitation Programme for Pakistan for setting up three pilot projects. The projects will be part financed, constructed and managed by rural communities.

5.14 **Karimabad Planning Support Services**

March 1992 to April 1993

Consultancy was provided for setting up and managing urban development and conservation programme through community participation for the historic villages of Karimabad in the Northern Areas of Pakistan as part of the Historic Cities Programme of the Aga Khan Trust for Culture.

5.15 **Social Action Programme of Government of Pakistan**

December 1991 - onwards

Consultant to the Government of Pakistan for the Social Action Programme for the province of Sindh.

5.16 **United Nations Development Programme (UNDP)**

Consultancy has been provided to the UNDP as team leader of an Evaluation Mission to assess UN assistance to the following projects:

- The Karachi Master Plan 1986 - 2000
- Karachi Coastal Management and Planning
- Karachi Sewerage Recycling Feasibility, July 1991

5.17 **Aga Khan Trust for Culture, Geneva**

October 1990 – January 1991

Study of the sociology, economics and physical change in the Karimabad area of the Northern Areas followed by recommendations for setting up a Village improvement Project through community participation.

5.18 **Asian Development Bank**

May – June 1990

Consultancy was provided to the Bank as a member of a three member fact finding mission for the Pakistan Low Cost Housing Project.

5.19 **UNEP**

November 1989

Member of team of experts for discussion on “Environmental Health Aspects of Planning Urban Areas”, Moscow.

5.20 **South Asia Partnership (SAP)**

January – October 1990

A report has been prepared on “Development and the State of the Environment in Pakistan” for SAP Canada. This is part of a larger environmental study for South Asia and concentrates mainly on the effect on and involvement of communities in environmental issues.

5.21 **Aga Khan Foundation**

September 1989 – October 1990

Consultancy was provided, as a member of a three person team, for the evaluation and modification of the Self Help School Construction and Education Programme of the Aga Khan Education Services and Housing Board in the Northern Areas.

The consultancy carried with it an R&D component for construction technologies.

5.22 **Karachi Land Management Study**

November 1989 – April 1990

Consultancy was provided to NESPAK for the preparation of a World Bank Urban Land Management Study for the Karachi Metropolitan region. The Study has been commissioned by the Karachi Municipal Corporation.

5.23 **Asian Coalition for Housing Rights**

December 1988 - ongoing

Consultancy is being provided for the preparation of an overview report on the housing situation in Asia covering nine countries.

5.24 **Asian Development Bank**

August 1988

Consultancy was provided to the Asian Development Bank as an architect of a four member team for preparation of an assistance programme to the Government of Pakistan for a low cost housing project.

5.25 **Applied Economic Research Centre (AERC), University of Karachi**

November 1987 – March 1989

Consultancy was provided to the Centre on a World Bank study on “Ability to Pay for Rural Water Supply”.

5.26 **World Bank**

February – April 1988

As consultant to the World Bank was the team leader for the preparation of four case studies which were presented at the National Workshop for Rural Water Supply and Sanitation, held at Islamabad, 5 – 7 March 1988.

5.27 **UNICEF/Government of Sindh**

November 1987 – January 1988

Consultant for the comprehensive assessment of drought and famine in Sindh’s arid zones leading to a realistic short and long term emergency intervention plan.

5.28 **Habitat International Council**

February 1986 – October 1987

Researcher with the NGO Habitat Project for the UN Year for the Shelterless for the documentation of the Low Cost Sanitation Programme of the Orangi Pilot Project

5.29 **Sindh Rural Workers Cooperatives**

1984 onwards

Advice is being provided to rural communities in the province of Sindh in appropriate construction technology and water supply and sewerage. This work is being done through community participation and part of it through community finance. Research forms as important part of the Project.

5.30 **UNICEF**

April 1986

Consultant to the UNICEF Water Mission to Pakistan

- 5.31 **UNICEF**
1982 to 1983, March/April 1985, March 1986

Consultancy was provided to the UNICEF for architectural services and evaluation of water supply systems.

- 5.32 **Aga Khan Foundation, Geneva**
August – October 1985

- 5.33 **Aga Khan Rural Support Programme, Gilgit, Pakistan**
July – August 1983

- 5.34 **Appropriate Technology Development Organisation**
Government of Pakistan
July 1976 to June 1979

As consulting architect to the organisation, carried out experimentation in dome and vault construction; use of soil compaction blocks; use of pre-cast concrete battens for roofing. Also observed and reported on indigenous methods of design and technology. The above methods of construction were applied to various sample houses in Karachi and a small vaulted primary school in Islamabad.

- 5.35 **Hasan Associates Limited, Karachi**
1972 to 1978

Hasan Associates Limited, Karachi are one of the largest developers in Pakistan. As consulting architect to them, apart from the design of buildings, have been engaged in preparing basic design studies for feasibility purposes. These studies include:

- Housing for Defence Production Personnel, Rawalpindi
- Apartment housing for Islamabad
- Baluch Mess Complex in Karachi
- Housing for the Steel Mills, Karachi
- Houses for Gulshan-e-Iqbal, Karachi

Plus numerous other studies for commercial and residential complexes.

6. TEACHING

6.1 1979 - 1994

Invited in 1979 to teach at the Faculty of Architecture and Planning at the Dawood College of Engineering and Technology, Karachi. Since then have co-conducted the Comprehensive Environmental Design (CED) Programme of the final year in architecture. The CED consists of understanding and analysing the various factors that create the physical environment in the context of a particular urban or rural area. In addition to conducting the CED, have also supervised at least two theses in architecture per year, which have been related to rural communities and urban *katchi abadis*.

6.2 September 1999

Invited by the University of Trondheim, Norway as advisor for MA and PhD thesis on Urban Planning.

6.3 February 1999

Invited by the University of Delft, Netherlands as advisor on Ph.D. thesis on urban design.

6.4 February 1994

Invited as a visiting professor to the Department of Architecture, Urban Design and Region Planning at the Postgraduate Centre for Human Settlements at the Katholieke Universiteit of Leuven, Belgium. Delivered lectures on housing and participated in the supervision of the Urban Design Studio.

6.5 April 1993

Member of the External Review Committee of the Aga Khan Programme for Islamic Architecture at MIT and Harvard.

6.6 Currently

Visiting professor at the Department of Architecture and Planning, NED University Karachi.

7. AWARDS / HONOURS

- 7.1 Member of the UN Habitat Advisory Group on Forced Evictions, 2008 – 2010
- 7.2 Member of the Editorial Board of a journal "*International Development Planning Review*", Liverpool University Press, UK
- 7.3 Visiting Fellow International Institute for Environment and Development (IIED), UK
- 7.4 Member INTBAU (International Network for Traditional Building, Architecture and Urbanism) India Committee of Honour, 2007
- 7.5 Member of the United Nations Millennium Development Goals Task Force 8 2003-2004
- 7.6 "Life Time Achievement Award" of the Institute of Architects Pakistan, October 2003
- 7.7 Chancellor of the Textile Institute of Pakistan
- 7.8 "Hilal-i-Imtiaz for Public Service" Award was conferred by the Government of Pakistan on March 23, 2001 (Hilal-i-Imtiaz is the highest civil award for a living person)
- 7.9 "Prince Claus Awards" of the Netherlands Government was conferred in December 2000 for contribution to architecture and development.
- 7.10 Member of the Regional Advisory Committee of the UNDP-World Bank Water and Sanitation Programme for South Asia.
- 7.11 Chairman of the UNESCAP Jury for the 1998 UN Human Resource Development Award
- 7.12 Fellow of the National College of Arts, Lahore
- 7.13 Member of the Governing Board of the International Institute for Environment and Development, UK
- 7.14 Member of the Master Jury of the Aga Khan Award for Architecture, Geneva, 1995-1998
- 7.15 Member of the Executive Committee of "The Urban Age", a World Bank (Washington) publication on urban issues – 1993-97.

- 7.16 Member of the Advisory Board of “Environment and Urbanization” the journal of the International Institute for Environment and Development (IIED), UK
- 7.17 Member of the Steering Committee of the Aga Khan Award for Architecture, Geneva, 1990-1996
- 7.18 Recipient of the 3rd International Year for the Shelterless Memorial Prize of the Japan Housing Association, Tokyo, Japan, 1990
- 7.19 Member of the Technical Review Committee for the Aga Khan Award for Architecture, 1989
- 7.20 One of the celebrity speakers at the 16th UIA Congress in Brighton, UK, 1987
- 7.21 Member of the International Jury for nominating the UIA/UNESCO Awards at the UIA Congress, 1987
- 7.22 Received one of the Karachi Development Authority’s Best Building Awards, 1983
- 7.23 “World Habitat Award” of the British Housing Foundation was conferred on the Orangi Pilot Project-Research and Training Institute in 2000

8. ARCHITECTURAL PRACTICE

- 8.1 Author of a large number of important residential, commercial and educational buildings in Karachi and Lahore including Hasan Square, Twin Tower Modaraba and Crescent Model School. In addition, planned low income settlements and implemented them by using semi-skilled workmen, lower standards and manual on site fabrication to lower costs. For details see Appendix to Curriculum Vitae.
- 8.2 Worked in architect’s offices in Oxford, Paris, Madrid and Rome, 1963-64, 1965-68.

9. ACTIVITIES IN CIVIC AND PUBLIC AFFAIRS

- 9.1 Member of the Government’s 2007 Task Force on Pakistan Vision 2030
- 9.2 Member of the Board of Governors of the Pakistan Poverty Alleviation Fund, Islamabad
- 9.3 Member of the Board of Governors of the Sindh Rural Support Organisation, Sukkur
- 9.4 Member of the Board of Governors of the Rural Support Programme Network, Islamabad
- 9.5 President of the Governing Board of Aurat Foundation Pakistan
- 9.6 Member of the Board of Governors of the National Fund for Mohenjodaro.
- 9.7 Ex-senior Fellow of the Pakistan Institute of Development Economics, 1998-2000, Islamabad
- 9.8 Ex-member Governing Body, Karachi Development Authority, Karachi
- 9.9 Ex-member Governing Body, Karachi Metropolitan Transport Authority, Karachi
- 9.10 Member Sindh Cultural Heritage Committee, Karachi
- 9.11 Member Governor’s Task Force for the Improvement of Municipal Services, Karachi
- 9.12 Member Governing Body, Karachi Public Transport Society, Karachi
- 9.13 Member Governing Body, Conservation and Rehabilitation Centre, Lahore

- 9.14 Member Governing Body, Orangi Pilot Project (OPP) Society, Karachi
- 9.15 Founder Member of the Governing Body of the Thardeep Rural Development Project, Tharparkar, Sindh
- 9.16 Chairman Governing Body, Research & Training Institute of the OPP
- 9.17 Member of the Executive Council of the Asian Coalition for Housing Rights, Bangkok
- 9.18 Founder Chairman and member of the Executive Council, Urban Resource Centre, Karachi
- 9.19 Ex-member Academic Committee/Board of Studies, Indus Valley School of Art & Architecture, Karachi, 1992 onwards
- 9.20 Member of the Governing Council of the Pakistan Institute of International Affairs, Karachi, 1994 onwards
- 9.21 Ex-member of the National Committee of the International Council of Monuments and Sites (ICOMOS) constituted by the Government of Pakistan
- 9.22 Member of the Drafting Committee of the National Housing Policy of the Government of Pakistan, 1989
- 9.23 Founder Member of the Governing Council of the Pakistan Institute of Labour Education and Research, Karachi

10. EDUCATION

School of Architecture, Oxford, UK: 1960 – 63, 1964 – 1965
 Karachi Development Authority Architecture Licensing Examination 1968

11. LANGUAGES

English, Urdu, French

12. TRAVEL

Europe (with long stays in the UK, France, Spain and Italy), USA, Central Asia, Middle East, Afghanistan, the Far East and the remote areas of Pakistan

13. SEMINARS, WORKSHOPS AND CONFERENCES

Have attended and read papers at various seminars, workshops, expert group meetings and conferences, both in Pakistan and abroad, organised among others by UNESCAP; UNCRD; UNICEF; World Bank; ODA; Aga Khan Award for Architecture; International Institute for Environment and Development (IIED); The Other Economic Summit (TOES); Union of International Architects; Habitat International Council; Asian Coalition for Housing Rights; FAO; various universities; community organisations; and NGOs.