

CONTENTS

Introduction

Functions

Research

Teaching

Publications

Seminars

Advisory Services

Support Facilities

Library

Computer Lab

Survey Capabilities

Auditorium

Statutes/Service Rules

Board of Governors

Senior Staff and Areas of Specialization

Associate Faculty/Visiting Research Fellows

Major Research Assignments

Studies Involving Large Scale Field Surveys

INTRODUCTION

The Applied Economics Research Centre (AERC), a constituent part of the University of Karachi, was established in 1973. The Centre undertakes research on issues in applied economics, with special interest in education and human resource development, trade, urban and regional economics, agriculture, industrial economics, poverty, health and nutrition, public finance, environment & climate change and gender issues. With the subsequent growth of the Centre, its activities have broadened to include advanced training of economists from all parts of Pakistan. A major development in this connection has been the introduction of its M.Phil./Ph.D. programme which started in 1977.

The PhD Programme in Applied Economics was approved by the Academic Council of the University of Karachi in 1995. The PhD programme started in 2015-16 and the first PhD student graduated in 2019.

The Centre's research work is disseminated to policymakers and interested audiences through its publications. It publishes a Research Report Series, a Discussion Paper Series, and an internationally refereed bi-annual journal, The Pakistan Journal of Applied Economics.

The Centre has expanded considerably over time. The faculty consists of economists holding Ph.D. and M.A./M.Phil. degrees from leading US, British and other foreign universities. The research staff is ably assisted by specialized administrative staff. Institutionally, this growth in capacity, size and scope has led to the Centre being awarded the title of Institution of National Capability in Applied Economics by the Higher Education Commission of Pakistan.

FUNCTIONS

1. RESEARCH

Research activities at the AERC fall into two categories, contract research for clients and core or staff research. Research is based on primary data collection carried out by the AERC and analysis of secondary data from published sources. The Centre's research is policy-oriented.

Contract research rapidly became one of the major activities of the AERC. There is considerable demand from international agencies and government departments for policy-oriented quantitative research, and the Centre possesses the capacity to provide such service. Some of the clients of the Centre are international agencies like the World Bank, the Asian Development Bank, FAO, USAID, UN Agencies, DFID, Harvard Institute for International Development, Free University, Amsterdam, International Food Policy Research Institute, and Hajj Research Centre, Umm-ul-Qura University, Makkah. Research has also been undertaken for Pakistan Agriculture Research Council, Planning Commission, National Taxation Reforms Commission, Government of Sindh, Sindh Regional Plan Organization, Agriculture Development Council, Karachi Metropolitan Corporation, Karachi Development Authority, City District Government, the Aga Khan University and the Export Promotion Bureau. Moreover, the consulting services of the AERC's staff members have been loaned on several occasions to the World Bank, Asian Development Bank, International Labour Organization, for inclusion in Fact-finding/Appraisal Missions.

Core research comprises projects undertaken by the staff members on their initiative. Two kinds of core research may be distinguished. First, projects initiated by the Centre Staff have been concerned with issues in the areas of health and education, poverty, housing, smuggling, environment, credit, agriculture, finance, nutrition, energy, public finance, trade, industry, monetary economics, social capital and empowerment of women. Second, projects initiated by the M.Phil/Ph.D. students have made it possible for the Centre to undertake research on relatively small projects in diversified areas.

2. TEACHING

The teaching programme at the AERC started in 1977 and offers M.A.S./M.Phil. and Ph.D. degrees with approval from the University of Karachi. The MPhil coursework is intensive and spread over four quarters requiring the completion of 42 credit hours of study. The first quarter introduces students to economic theory and quantitative methods. Second-quarter covers topics in advanced economics. The third quarter's orientation is towards applied economics and computer applications, while the fourth quarter is reserved for training in special field courses.

The PhD. Programme started in 2015. PhD. programme consists of earning 54 credit hours through coursework which includes 42 credit hours of MPhil coursework. PhD. candidate has to pass successfully four courses of three credit hours each from the following courses. Three of these, i.e., Advanced Microeconomics, Advanced Macroeconomics and Advanced

Econometrics are compulsory and one advanced optional course. These courses are based on two semesters per academic year.

A major component of the degree is training in a special field where students are able to apply the theory and quantitative techniques acquired in the programme to write a thesis. Candidates in the second year are required to write and defend a thesis in one of the special fields. Major areas of research are Public Finance, Urban and Regional Economics, Finance Industrial Economics, International Trade, Agricultural Economics, Human Resource Economics, Project Evaluation, Finance and Monetary Economics and Islamic Economics. The teaching programme aims at a high professional standard and graduates are readily accepted in research and teaching institutions, government departments, and financial and other institutions.

3. PUBLICATIONS

Centre's publishes a bi-annual journal, the Pakistan Journal of Applied Economics, is internationally refereed and widely recognized as one of the better economic journals in the region. Book Reviews and Research Notes are part of the Journal. The Centre also publishes book reviews and research notes.

4. SEMINARS AND WEBINARS

The methodology and results of MPhil thesis/PhD dissertation research being undertaken at the Centre are regularly presented and discussed in research seminars attended by the faculty members of the Centre, faculty of the Economics Department and M.Phil./Ph.D. students. These enable the staff to keep up with the state of the art techniques. Researchers also come in contact with a range of informed opinions valuable in the creative development of methodology at a formative stage of the relevant project.

Seminars/Webinars lectures by eminent scholars are also arranged and conducted. This enables the AERC to establish contacts with a wide range of international and local organizations, and benefit from the experience and expertise of renowned scholars.

5. ADVISORY SERVICES

The research expertise of the Centre is utilized externally through the participation of staff members in Advisory Bodies and Working Groups and Task Forces constituted by the Government of Pakistan for policy formulation. Amongst these are the Islamic Ideology Council; Central Board of Revenue; Advisory Panel on Development Strategy; Task Forces on Economic Policy Formulation, Poverty Reduction, Economic Revival; the Budget Review Committee; the Tariff Reforms Committee and various Commissions like the Taxation Commission, the Resource Mobilization and Tax Reforms Commission and the Manpower Commission, Ministry of Finance, Government of Sindh and City Districts Government (CDG), Karachi.

SUPPORT FACILITIES

1. LIBRARY

The Centre maintains one of the best libraries in the field of economics, with particular emphasis on areas of economics related to its principal research interests as well as a wide range of material used for its teaching programme. The library currently subscribes to over 200 periodicals in economics and social sciences. The collection of books number 40,000 approximately. Included in the library is an extensive collection of Government of Pakistan publications, which are used by researchers as a valuable source of data. The library has a large collection of Working Papers of international agencies like the World Bank, IMF, Asian Development Bank (ADB), etc., and Discussion Paper series of universities abroad. The extensive collection of economics books and journals in the State Bank of Pakistan Library is also available for use by the Centre's staff. The library has inter-library loan connections with other libraries in the country. The library has been awarded the status of Full Depository of the World Bank and IMF.

The Digital Library with access to most of the journal (national and international) articles and research papers through the HEC domain is in addition to books and journals (hard copy) available in the library.

2. COMPUTER LAB

The AERC has a fully operational computer centre with a large number of PCs, laser printers and scanners. These are connected in a Local Area Network (LAN) environment that facilitates sharing of resources. The Computer Centre is intensively utilized for research and training purposes and internet use. Email and internet access is available to both the staff and the students on the network. The library and administration computers are connected with the main computer centre through the network. A variety of software packages are available, which enable sophisticated statistical and econometric analysis and handling of large data sets. The Centre has specialized computer science, programming, networking, web developer and database management staff who are an integral part of research and training activities. A number of data sets on various aspects of the economy are available in the computer lab.

3. SURVEY CAPABILITIES

The AERC has over the years developed considerable capacity for undertaking surveys involving in-depth interviews. A permanent core of enumerators is employed. All enumerators have a Master's degree in Economics or Statistics and their work is supervised by faculty members with extensive experience in survey design and implementation. The Centre has formal arrangements with a number of Universities and institutions all over the country for recruiting enumerators. During the last few years, over 32 studies involving large surveys within Pakistan and abroad have been undertaken. In Pakistan, both rural and urban areas have been covered. In depth interviews have been conducted to date of households, farms, industrial units, women, beneficiaries of projects and functionaries of government agencies, etc.

4. BUILDING/AUDITORIUM/VEHICLES

The AERC is located in its double-storey building at the University of Karachi Campus next to the IBA. It has 80 rooms for research and other staff. The Centre is equipped with a 130 seating capacity auditorium with state of the start of art facilities. The auditorium provides an excellent approach to disseminate research activities, its outcome to a larger group of economists through lectures, seminars and conferences. The Centre possess vehicles for undertaking surveys and these have been extensively utilized especially for conducting surveys in the Province of Sindh.

STATUTES/SERVICE RULES

The AERC is governed by its Statutes and Service Rules and has its Board of Governors with representation from the Government, the University of Karachi and other institutions. The Statutes and Service Rules have been approved by the Syndicate and the Senate of the University of Karachi. The major functions of the Centre defined in the Statutes are contract research and core/academic research and post-graduate teaching. The purpose of contract research is to facilitate research on behalf of international and national agencies, the Government of Pakistan and the Government of Sindh. All appointments (faculty and administrative staff) at the AERC are governed by the HEC Appointment Rules and Service Rules.

The Applied Economics Research Centre is a public sector institution and is exempted from paying income tax.

BOARD OF GOVERNORS

- Vice-Chancellor, University of Karachi (Chairperson).
- Dean, Faculty of Arts and Social Sciences, University of Karachi.
- Chairman, Department of Economics, University of Karachi.
- Governor, State Bank of Pakistan.
- Chairman, Higher Education Commission.
- Secretary, Ministry of Planning and Development (GOP)*.
- Secretary, Ministry of Education (GOP)*.
- Additional Chief Secretary, Planning and Development (GOS)**.
- President, Federation of Pakistan Chamber of Commerce and Industry.
- Representative of Syndicate, University of Karachi.
- Representative of Academic Council, University of Karachi.
- Two experts in Economics.
- Director, AERC, University of Karachi (Secretary).
- Joint Director, AERC, University of Karachi.
- Research Professors
- Two representatives are from the AERC faculty (Senior Research Economist and Research Economist).

* *Government of Pakistan.*

** *Government of Sindh.*

SENIOR STAFF AND AREAS OF SPECIALIZATION

Director

- Prof. Dr. Samina Khalil, Ph.D., University of York, U.K.
MPhil (Economies of Developing Countries), Cambridge University, UK.
Environmental and Natural Resource Economics, Sustainable Development, Political Economy, Governance and Institutional Economics, Human Development, Poverty, Gender.

Senior Research Economists/Associate Professor

- Dr. Ambreen Fatima, Ph.D, Nottingham University, U.K.
Agricultural Economics, Gender and Development, Labour Economics.

Research Economists/Assistant Professors

- Mr. Minhajuddin Siddiqui, M.A.S., Karachi.
Public Finance, Econometrics, Poverty and Gender.
- Dr. Uzma Iram, Ph.D, University of Kent U.K.
Microeconomics, Health and Nutrition.
- Dr. Syed Faizan Iftikhar, Ph.D, Leicester University, U.K.
Finance, International Trade and Macroeconomics
- Dr. Asghar Ali, PhD, Jillion University, China.
Education, Social Sectors
- Dr. Noman Saeed, PhD, Jillion University, China.
Public Finance, Education, Microeconomics
- Dr. Tehseen Jawaid, PhD, Department of Economics, University of Karachi.
Macroeconomic Modeling, International Economics, Econometrics
- Dr. Aamir Hussain Siddiqui, PhD, CMB, IOBM, Karachi.
Trade
- Dr. Faisal Sultan Qadri, PhD, Department of Economics, University of Karachi.
Urban Economics, Urbanization, Macroeconomic Modeling
- Dr. Syed Ammad Ali, PhD, Department of Economics, University of Karachi.
Growth and Development, Public Economics
- Dr. Khurram Iftikhar, PhD, Applied Economics Research Centre (AERC),
University of Karachi.

Trade, Industry, Econometrics.

- Dr. Fauzia Kamal, PhD, Applied Economics Research Centre (AERC), University of Karachi.

Industrial Economics

- Dr. Syed Zia Abbas Rizvi, PhD, Applied Economics Research Centre (AERC), University of Karachi.

Development Economics, Public Finance

- Dr. Sadaf Majeed, PhD, Department of Economics, University of Karachi.

Microeconomics, Trade

- Dr. Syed Kamran Abbas Naqvi, PhD, Applied Economics Research Centre, University of Karachi.

Monetary Economics

- Dr. Nigar Zehra, PhD, Applied Economics Research Centre, University of Karachi.

Macroeconomics

- Dr. Tehseen Iqbal, PhD, University of Kent, UK.

Monetary Economics & Macroeconomics.

- Syed Roshan Ali Shah, M.A.S., Karachi.

Agriculture, Public Finance, Women and Development

- Mr. Sohail Javed, M.A.S., Karachi.

Labour Economics, Poverty and Social Sectors*Staff Economists/Lecturers*

- Ms. Humera Sultana, M.Phil., Department of Economics, University of Karachi.
- Ms. Uzma Tabassum, M.Phil., Applied Economics Research Centre, University of Karachi.
- Ms. Lubna Naz, M.Phil., Applied Economics Research Centre, University of Karachi.

Research Assistant

- Ms. Narjis Khatoon, MPhil, Economics Research Centre, University of Karachi.

Associate Faculty/Visiting Research Fellows

- Dr. Hafiz A. Pasha, PhD, Stanford University, USA.
Public Finance, Growth and Development
- Dr. Abdul Waheed, Ph.D., Nagoia University, Japan.
Economic Modeling, International Development, International Trade, Trade Liberalization.

- Dr. Syed Wiqar Hussain, Ph.D., Georgia, USA.
Productivity Analysis, Public Finance, Growth, Econometrics.
- Dr. Aly Alp Ercelan, Ph.D., Vanderbilt, USA.
Poverty, Development, Urban Economics, Microeconomics
- Dr. Naved Ahmad, Ph.D., Northeastern University, USA.
Economic Growth, Economics of Technological Change, Banking and Finance, Development Economics.
- Dr. Javed Iqbal, Ph.D., Monash University, Melbourne, Australia.
Financial Econometrics and Business Statistics
- Dr. Shaghil Ahmed, Ph.D., University of Rochester, U.S.A.
Monetary Economics, Growth, Trade, Econometrics.
- Dr. Akbar Zaidi, Ph.D Cambridge
Political Economy, Social Sector Development, Health
- Dr. Qazi Masood Ahmed, Ph.D., University of Bath, U.K.
Public Finance, Macroeconomics
- Dr. Shamim Ahmed Siddiqui, Ph.D., University of Temple, U.S.A.
Islamic Economics, Macroeconomics
- Mr. Haroon Jamal, M.A.S., Karachi.
Econometrics, Poverty, Gender.
- Dr. Waliullah, PhD, Japan.
Associate Professor, IBA
Econometrics

Senior Administrative Staff

- Syed Qaisar Ali Anjum (*P.S. to Director*)
- Shahzad Mumtaz (*Manager Administration*)
- Anees Mabood (*Deputy Librarian*)
- Mohammad Afaque (*Manager Accounts*)
- Laiq Ahmed Khan (*Assistant Accountant*)
- Rais Ahmed (*Assistant Accountant*)
- Muhammad Ilyas Khan (*Publications Assistant*)
- Urma Ali (*Assistant*)
- Zeeshan Kifayat (*Secretary Graduate Studies Programme*)
- Pervez Kifayat (*Computer Operator*)
- Fida Hussain (*Office Superintendent*)
- Muhammad Babar (*Assistant Librarian*)
- Sharafatullah Faheem (*Human Resource Officer*)
- Faheem Shah Khan (*Data Processing Assistant*)

Administrative Staff

- Abdul Hannan Ghani (*Data Entry Operator*)
- Kamran Ahmed (*Administrative Assistant*)
- Syed Irfan Ali Shah (*Assistant to GSP office*)
- Ghazal Mukhtar (*Telephone Operator*)
- Rakib Ahmed Khan (*Assistant Photostat Machine Operator*)
- Waqas Akram (*Assistant Photostat Machine Operator*)
- Muhammad Waqas (*Webmaster*)

MAJOR RESEARCH ASSIGNMENTS

S. No.	STUDY TITLE	CLIENT	YEAR
Urban			
1.	Prospects for Solid Waste Management in Pakistan: A Case of Metropolitan City of Karachi.	RASTA, PIDE	2021
2.	Energy Poverty in Pakistan	RASTA, PIDE	2021
3.	Pakistan Urban Assessment Project (A World Bank Project)	World Bank	2013-14
4.	Sindh Multiple Indicators Cluster Survey (MICS)	UNICEF	2002-2003
5.	Demand for a Commercial Freight Vehicle in Pakistan	Transmobile (Pvt.) Ltd.	1995
6.	Metropolitan Resource Generation Study	World Bank/Government of Sindh	1992-93
7.	Socio-Economic Background of Returning Migrants	Asian Development Bank	1992
8.	Productive Infrastructure and Growth Linkages for Interior Cities Strengthening (ICS)	World Bank	1991
9.	Urban Households Savings and Credit Study	World Bank	1991
10.	Housing Situation in Urban Centres of Sindh.	Sindh Regional Plan Organization	1990
11.	Housing and Housing Users' Survey of Rural Pakistan	World Bank	1989
12.	Housing Affordability in Karachi	Karachi Development Authority	1989
13.	A Profile of Karachi: Master Plan 2000	World Bank/Karachi Development Authority	1987-89
14.	Report on Housing and Housing Users' Survey.	Asian Development Bank	1988
15.	Consumption Planning: Evidence from Sindh Household Data	Sindh Regional Plan Organization	1987
16.	City Size and Economic Efficiency,	Karachi Development Authority	1987

MAJOR RESEARCH ASSIGNMENTS

S. No.	STUDY TITLE	CLIENT	YEAR
17.	Regional Accounts of Sindh	Sindh Regional Plan Organisation	1986-87
18.	Household Savings Behavior in Urban Pakistan	Higher Education Commission/ A.E.R.C.	1986
19.	Household Saving Patterns in Pakistan: An Investigation	Government of Pakistan/A.E.R.C.	1986
20.	Demand for Accommodation During the Hajj - A Theoretical Framework	Hajj Research Centre, King Abdul Aziz University, Jeddah.	1982
21.	The Impact of Demolition on Rent and Crowding in Makkah: A Preliminary Analysis.	Hajj Research Centre, King Abdul Aziz University, Jeddah.	1982
22.	Pilgrim Housing in Makkah	Hajj Research Centre, King Abdul Aziz University, Jeddah.	1982
23.	Cost-Benefit Analysis of Regularization and Improvement of Katchi Abadies in Karachi	Free University, Amsterdam/ Karachi Development Authority	1979-81
24.	Settlement Hierarchy in Sindh	Sindh Regional Plan Organisation	1978
25.	A Brief on Housing Credit and House Building Finance Cooperation	National Credit Commission, Government of Pakistan	1994
Public Finance			
26.	Resource Mobilization Study for the Taxes under Board of Revenue and Excise & Taxation Department of Government of Sindh	Finance Department, Government of Sindh	2003-2004
27.	Preparing the Case for National Finance Commission	Government of Sindh	2002
28.	Intergovernmental Fiscal Transfers Study	Asian Development Bank	2000-2001
29.	Property Tax Assessment Study of 'B' Division of Karachi	World Bank/Excise & Taxation, Government of Sindh	1999-2000
30.	Resource Mobilization for Government of Sindh	Government of Sindh	1995-96
31.	Collaboration Research and Training Programme Between Central Board of Revenue and AERC.	Central Board of Revenue, Government of Pakistan.	1992-94
32.	A Study on the Quantification of Tax Expenditure in Income Tax	Resource Mobilisation and Tax Reforms Commission, Government of Pakistan.	1993

MAJOR RESEARCH ASSIGNMENTS

S. No.	STUDY TITLE	CLIENT	YEAR
33.	Resource Mobilization by Federal Government in Pakistan	Resource Mobilization and Tax Reforms Commission.	1992
34.	Estimating the Size of the Database of Properties and Motor Vehicles with the Excise and Taxation Department	Resource Mobilization and Tax Reforms Commission, Government of Pakistan.	1992
35.	The Size and Nature of the Black Economy	Resource Mobilization and Tax Reforms Commission.	1992
36.	Resource Mobilisation by Provincial and Local Governments in Pakistan	Resource Mobilisation and Tax Reforms Commission, Government of Pakistan.	1991-92
37.	Metropolitan Resource Generation Study	World Bank/Government of Sindh	1991-92
38.	Local Government Finances and Administration in Pakistan.	Government of Pakistan.	1990
39.	A Model of Municipal Finances in Pakistan	Karachi Development Authority	1990
40.	The Fiscal Base of Karachi	World Bank/Karachi Development Authority	1988
41.	Fiscal Incentives and Regional Industrial Development	National Taxation Reforms Commission, Government of Pakistan	1986-87
42.	An Analysis of Provincial Finances in Pakistan	National Taxation Reforms Commission, Government of Pakistan	1986
43.	Taxation and Profit/Loss Sharing System in Banking	International Institute of Islamic Economics, Islamabad.	1985
44.	Incentives to Encourage Industries in Less Developed Areas: A Case Study of Hub Chowki	Government of Pakistan	1980
45.	Restructuring of Tariff at Karachi Port	Karachi Port Trust	1979
Education			
46.	Impact Evaluation of the Transport Subsidy in Enrollments in Primary Schools in Balochistan (Phase I)	The World Bank	2008
47.	Survey of Health and Education Facilities in Balochistan, Balochistan Economic Report TA-4757-PAK.	Asian Development Bank & The World Bank	2007

MAJOR RESEARCH ASSIGNMENTS

S. No.	STUDY TITLE	CLIENT	YEAR
48.	Impact Assessment of School Management Committees (smcs) of Primary School in Sindh.	The World Bank	2007
49.	Assessment of Institutions/Departments and their Impact on School Management Committees in Sindh	European Union (EU) / World Bank	2007
50.	School Placement Study in NWFP	The World Bank	2007
51.	Determining the effectiveness of Incentives in Education for Furtherance of Education Sector Targets & Reforms	Government of Sindh	2002-2003
52.	Tracking Public Expenditure in Education and Health for Poverty Reduction	UNDP	2002-2003
53.	The Economics of Teacher Training	Ford Foundation/World Bank	1977
Agriculture			
54.	Efficient Participatory Irrigation Institutions to Support Productive and Sustainable Agriculture in South Asia – Sector Year 2018	ACIAR	2019
55.	Review of Current Landlord/Haris/Sharecropping Arrangements in Sindh.	FAO	2018
56.	Role of Women in the Rural Economy and the Credit Market Study	World Bank/State Bank of Pakistan	1998-99
57.	Rural Financial Management	World Bank/State Bank of Pakistan	1998-99
58.	Borrowers Transactions Costs	World Bank/State Bank of Pakistan	1998-99
59.	Rural Household Saving & Investment Behaviour	World Bank/State Bank of Pakistan	1998-99
60.	Rural Financial Markets Study (Phase-I)	World Bank/State Bank of Pakistan	1994
61.	Incentives and Disincentives to Effectively Organize Farmers in Response to Watercourse Improvement	Ministry of Science and Technology, Government of Pakistan	1992-93
62.	Integrated Hill Farming Development Project	Government of Azad Jammu and Kashmir.	1990-92
63.	Farm Size Productivity, Tenure and Domestic Resource Cost	Ministry of Food, Government of Pakistan	1990-91

MAJOR RESEARCH ASSIGNMENTS

S. No.	STUDY TITLE	CLIENT	YEAR
64.	Balochistan Minor Irrigation Project	World Bank/Government of Balochistan	1985-88
65.	A Study of Cropping Patterns in Sindh Province	Pakistan Agricultural Research Council, Government of Pakistan	1986-87
66.	A Study of Specific Constraints Facing Small Farmers in Pakistan-Balochistan and Sindh.	Ministry of Food, Agricultural & Cooperatives, Government of Pakistan.	1986
67.	National Coordinated Farm Management Research Project,	Pakistan Agricultural Research Council, Islamabad.	1986
68.	Measures and Policies to Discourage the Cultivation of Excessive Sugarcane in the Mill Zone Areas.	Agricultural Prices, Commission of Pakistan	1985
69.	Long-Run Demand and Supply of Major Agricultural Products	World Bank/Pakistan Agricultural Research Council.	1983-84
70.	Impact of Tractors on Agricultural Production in Pakistan	Agricultural Development Bank of Pakistan	1982
71.	Opium Production in Gilgit.	Pakistan Narcotics Central Board.	1982
Poverty / Welfare / Health And Nutrition / Environment			
72.	Multi-Year Humanitarian Programme for Nature Disaster Preparedness Response and Recovery in Pakistan.	UNFAO	2019
73.	Mainstreaming Gender in the Poverty Reduction Strategy Paper	INGAD	2003
74.	Study on Nature and Scope of Corporate Philanthropy in Pakistan	Philanthropy Centre of Pakistan (PCP) and Agha Khan Foundation (AKF)	2003-2004
75.	Rapid Appraisal of Child Labour in Deep Sea Fishing, Sea Food Processing and Ship Breaking on Balochistan Coast	ILO/Government of Pakistan	2003
76.	Final Project Evaluation of Welfare Through NGOs	UNFPA	1999
77.	Meeting the International Targets: What are the Prospects and Key Challenges?	Overseas Development Institute/University of Sussex	1999
78.	Benefit, Monitoring and Evaluation of Karachi Sewage Project	Asian Development Bank/ Karachi Water & Sewerage Board	1998

MAJOR RESEARCH ASSIGNMENTS

S. No.	STUDY TITLE	CLIENT	YEAR
79.	Investment/Strategy Plan to Reduce the Incidence of Child Malnutrition in Pakistan	Asian Development Bank/ UNICEF	1997
80.	Economic Reforms and Environment in Pakistan	World-Wide Fund/Harvard Institute for International De- velopment	1993-94
81.	Poverty Trends in Pakistan: Rural and Urban Poverty Levels	World Bank	1991-92
82.	Willingness to Pay for Water in Rural Areas	World Bank	1988-89
83.	Food Security Management Project	International Food Policy Re- search Institute	1986-87
84.	Community Health and its Problems.	Government of Pakistan/A.E.R.C.	1984
85.	National Survey on Drug Abuse	Pakistan Narcotics Control Board.	1983
Human Resource Development			
86.	Training Course in Data/Statistical Analysis	Bureau of Statistics, Planning & Development Department, Government of Sindh	2002
87.	Operations of Employment Exchanges in Pak- istan	National Manpower Commis- sion, Government of Pakistan	1989
88.	Employment Projections for Karachi	Karachi Development Au- thority	1988
89.	Unemployment and Underemployment of the Educated in Karachi	National Manpower Commis- sion, Government of Pakistan.	1988
90.	Rural Women Employment in the Putting-out System in Sindh	Government of Pakistan/A.E.R.C.	1984
91.	Long-Term Forecasting of Industrial Manpower Growth in Key Industries in Sindh and Balochistan.	Government of Pakistan	1981-82
Industry			
92.	Youth Participation in Technical Education and Textile Industry: A Case Study of Sultanabad, Lyari and Korangi.	UNDP	2016
93.	Productivity and Growth: A Disaggregated Analysis for the Manufacturing Sector of Pak- istan.	IFPRI	2013-14

MAJOR RESEARCH ASSIGNMENTS

S. No.	STUDY TITLE	CLIENT	YEAR
Labour			
94.	Assessment of Child Labour in the Urban Informal Sector.	IFPRI	2014-15
95.	FBR Employees Survey (A World Bank Project)	World Bank	2014
Gender			
96.	Gender Equality Programme (GEP): Baseline Study	The Asia Foundation/USAID	2011-12
Other Areas			
97.	Expenditure Patterns and Needs of Faculty Members	Aga Khan University	2001-2002
98.	Economic Monitors of Pakistan	Prime Commercial Bank Ltd.	1996-97
99.	Impact of Gulf Crisis on Pakistan's Economy	Asian Development Bank	1992
100.	Resource Mobilization and Institutional Capacity Study	Karachi Metropolitan Corporation	1991
101.	A Macro-econometric Model of Pakistan	USAID	1987-89
102.	Economic Model of Pakistan's International Trade Sector	Planning Commission of Pakistan.	1985
103.	Guidelines for Project Evaluation	Banker's Equity Limited.	1984
104.	Banarsi Silk Weaving Industry: Is There a Crisis?	Orangi Pilot Project.	1983
105.	A Theoretical Framework for Analyzing the Expenditure Pattern of Hajjis	Hajj Research Centre, King Abdul Aziz University, Jeddah	1982
106.	Macro-Economic Impact of Hajj on Pakistan	Hajj Research Centre, King Abdul Aziz University, Jeddah	1981

STUDIES INVOLVING LARGE SCALE FIELD SURVEYS

S.No.	Project/Survey	Year	Sector	Agency/Client	Spatial Coverage	Sample Size
1.	Farm Productivity by Size & Tenure and Estimation of Domestic Resources Cost for Major Crop.	1990	Agriculture	Ministry of Agriculture	Sindh & Balochistan	450 Farmers
2.	Interlinked Rural Factor Markets	1986	Agriculture	Core Research of AERC	Rural Areas of Hyderabad & Badin Districts, Sindh	100 Farms
3.	Constraints Facing Small Farmers	1985	Agriculture	Ministry of Food & Agriculture, Government of Pakistan	Rural Areas of Sindh & Balochistan	400 Farms
4.	Impact of Agricultural Extension Services on Cotton Yields	1978-85	Agriculture	Pakistan Central Cotton Committee and Nawabshah District of Sindh	Rural Areas of Mirpurkhas, Tharparkar	350 Farms Annually
5.	Rural Financial Market Studies (4 studies) under a consortium of institutions consisting of AERC, PERI and PIDE, with AERC as the lead institution.	1998	Agriculture	World Bank/State Bank of Pakistan	All Pakistan including AJK	Census of 256 villages and 6020 rural households with separate modules of questionnaires for males and females.
6.	Impact Evaluation of Minor Irrigation Projects in Balochistan	1985	Agriculture	Balochistan Minor Irrigation & Agricultural Development Project Directorate	Project Areas in Balochistan	7 Projects
7.	Sugarcane Cultivation	1985	Agriculture	Agricultural Prices Commission	Sugar Mill Zone Areas in Pakistan	12 Sugar Mills Areas
8.	Farm Management	1983	Agriculture	Pakistan Agricultural Research Council	Rural Areas of Pakistan	176 Farms

STUDIES INVOLVING LARGE SCALE FIELD SURVEYS

S.No.	Project/Survey	Year	Sector	Agency/Client	Spatial Coverage	Sample Size
9.	Tractorisation	1982	Agriculture	Agricultural Development Bank of Pakistan	Rural Areas of Pakistan	350 Farms
10.	Demographic and Socio-Economic Survey of Households	1987	Demography	Karachi Development Authority	Karachi	7000 Households
11.	Impact Assessment of School Management Committees (SMCS) of Primary School in Sindh.	2007	Education	Government of Sindh	All districts of Sindh	400 Schools 4500 Households
12.	Technical Assistance (SER-TA), Karachi and Sindh Province, Pakistan [The Extended Part of the Study Entitled "Impact Assessment of School Management Committees (SMCS) of Primary School in Sindh"]	2007	Education	European Commission (EC) / World Bank	Sindh	50 Schools
13.	Determining the Effectiveness of Interventions in Education	2002-03	Education	Government of Sindh	All districts of Sindh	1351 Households 54 Schools
14.	Expenditure Patterns and Needs of Faculty Members	2001	Education	Aga Khan University	University	Employees
15.	Medical Education	1985	Education	Core Research of AERC	Medical Colleges & Doctors in Sindh	60 Doctors
16.	Medical Practitioners	1978	Education	Core Research of AERC	Doctors in Karachi	500 Doctors
17.	Impact Evaluation of the Transport Subsidy in Enrolments in Primary Schools in Balochistan	2008	Education	World Bank	Balochistan	100 Schools 100 Villages 1000 Households

STUDIES INVOLVING LARGE SCALE FIELD SURVEYS

S.No.	Project/Survey	Year	Sector	Agency/Client	Spatial Coverage	Sample Size
18.	School Placement Study in NWFP	2007	Education	World Bank	NWFP	15 Schools
19.	Survey of Education / Health Facilities in Balochistan, Balochistan Economic Report TA-4757-PAK.	2007	Education	Asian Development Bank and The World Bank	Balochistan	100 Schools 100 RHCs/BHUs
20.	Tracking Public Expenditure in Education and Health for Poverty Reduction	2002-03	Education	UNDP	Pakistan	800 Households 40 BHUs 40 Primary Schools 40 Random checking of BHU 40 Random checking of Primary Schools 16 Meetings with the EDOs
21.	Rural Women Employment in Putting out Systems	1984	Gender	International Labour Organisation	Rural Areas of Sindh	250 Women
22.	Subordination and Empowerment of Women	2002	Gender	AERC	Pakistan (Rural/Urban)	700 women
23.	Role of Women in Housing and Housing Finance	1989	Gender	World Bank	All Pakistan	900 Households (Rural & Urban)
24.	Nutrition & Health Survey of Rural Households (Panel Data)	1986	Health	International Food Policy Research Institute/USAID	Rural Areas of Badin District, Sindh	275 Households every two months
25.	Establishments for Developing Input Output Matrix	1992	Industry	Central Board of Revenue	All Pakistan	800 Industrial Units

STUDIES INVOLVING LARGE SCALE FIELD SURVEYS

S.No.	Project/Survey	Year	Sector	Agency/Client	Spatial Coverage	Sample Size
26.	Industrial Estates in Backward Areas	1986	Industry	National Taxation Reform Commission	All Pakistan	6 Estates, 54 Industrial Units
27.	Industrial Units in Backward Areas	1980	Industry	Planning Commission, Government of Pakistan	Industrial Estate of Hub Chowki, Balochistan	29 Industrial Units
28.	Household Income and Expenditure	1991	Poverty	World Bank	Karachi	1500 Households
29.	Study on Nature and Scope of Corporate Philanthropy in Pakistan	2003-04	Poverty	Philanthropy Centre of Pakistan and Aga Khan Foundation	Pakistan	964 Firms & Companies
30.	Household Income and Expenditure Survey	1984	Poverty	FBO	All Pakistan	20000 Households (Rural & Urban)
31.	Rapid Appraisal of Child Labor in Sea Fishing, Processing and Ship-breaking in Balochistan	2003	Poverty	ILO-Government of Pakistan	Entire Coastal Belt of Balochistan	225 Households, 7 Focus Group Discussions, and Survey of Ship-breaking Industry and Fish Processing Industries.
32.	Final Project Evaluation of Family Welfare Through NGO	1999	Project Evaluation	UNFPA	Sindh Province	NGOs in Pakistan
33.	Property Taxation Study	2000	Public Finance	World Bank/Excise & Taxation Department, Government of Sindh	Karachi	35,000 households
34.	NCRD Data Base	1988	Public Finance	USAID	All Pakistan	Over 4000 Rural and Urban Local Councils

STUDIES INVOLVING LARGE SCALE FIELD SURVEYS

S.No.	Project/Survey	Year	Sector	Agency/Client	Spatial Coverage	Sample Size
35.	Performance Evaluation of Karachi Transport Corporation	1987	Transport	Core Research of AERC	Karachi	Personnel in 8 Depots & Workshops
36.	Housing Situation in Urban Centres of Sindh	1988	Urban	Sindh Regional Plan Organization	Urban Centres of Sindh	29685 Households
37.	Housing and Housing Users Survey of Pakistan	1988	Urban	Asian Development Bank	All Pakistan	1000 Households
38.	Willingness to pay for Water	1988	Urban	World Bank	Rural Areas of Pakistan	1200 Households
39.	Evaluation of Extension Services for Hill Farming	1987	Urban	Government of Azad Jammu & Kashmir	Rural Areas of Azad Kashmir	400 Farms
40.	Youth Participation in Technical Education and Textile Industry: A Case Study of Sultanabad, Lyari and Korangi.	2016	Industry	UNDP	Karachi	200
41.	Multi-Year Humanitarian Programme for Nature Disaster Preparedness Response and Recovery in Pakistan.	2019	Environment	UNFAO		
42.	Review of Current Landlords/Haris/Sharecropping Arrangements in Sindh.	2018	Agriculture	FAO		
43.	Assessment of Child Labour in the Urban Informal Sector.	2014-15	Labour	IFPRI		
44.	Productivity and Growth: A Disaggregated Analysis for the Manufacturing Sector of Pakistan.	2013-14	Industry	IFPRI		

STUDIES INVOLVING LARGE SCALE FIELD SURVEYS

S.No.	Project/Survey	Year	Sector	Agency/Client	Spatial Coverage	Sample Size
45.	Pakistan Urban Assessment Project (A World Bank Project)	2013-14	Urban	World Bank		
46.	FBR Employees Survey (A World Bank Project)	2014	Labour	World Bank		
47.	Gender Equality Programme (GEP): Baseline Study	2011-12	Gender	The Asia Foundation/USAID		

