



PAKISTAN

Strategy Support Program



Research to Support Vision 2025 Competitive Grants Program, 3rd Round Awards to 35 Projects, June 2014

Integrated Energy

Development of Demand Side Energy Management in Pakistan

Dr. Fahad Javed, GIFT University, Gujranwala

Assesses alternatives for energy demand management using computer simulation

An Integrated Model of Sustainable Energy Systems

Dr. Khanji Harijan, Mehran University of Engineering and Technology

Develops an operations research integrated energy sector and decision aid model

Impact of Climate Change on Electricity Consumption

Dr. Pervez Janjua, International Islamic University, Islamabad, Islamabad

Investigates potential effects of climate change on energy demand

Energy Security through Adopting Biogas System in Kyber Pakhtunkhwa

Dr. Malik Inayatullah Jan, Centre for Research and Development, Peshawar

Evaluates potential for small-scale organic energy production in rural KPK

Water Security

Developing a Real-Time Intelligent Water Allocation System

Dr. Muhammad Jehanzeb Masud Cheema, UAF, Faisalabad

Integrates remote sensing and hydrological models to inform water allocation decisions

Optimal Groundwater Management in the Indus Water Basin

Dr. Steven Helfand (Ph.D. candidate, Sanval Nasim), University of California, Riverside

Models groundwater extraction and quality under alternative policies

Efficient Irrigation Technologies for Groundwater Security in Balochistan

Dr. Junaid Alam Memon, PIDE, Islamabad

Investigates efficient irrigations systems and farmers' willingness to adopt

Modernization of Infrastructure

Urban Transportation and Access to Economic Opportunity: Lahore Metrobus

Dr. Hadia Majid, LUMS, Lahore

Evaluates effects of Metrobus on labor mobility and earnings

Infrastructure Development and Economic Growth

Dr. Samina Sabir, University of Azad Jammu and Kashmir, Muzaffarabad

Assesses impacts of public physical and social investments on aggregate growth

Efficiency of Alternative Public Investments

Dr. Qazi Masood Ahmed, Institute of Business Administration, Karachi

Assesses impacts of public physical and social investments on growth in 8 sectors

Pakistan KLEMS Database and Productivity Measurement at the Industry Level

Dr. Abid Aman Burki, LUMS, Lahore

Creates internationally-consistent growth and productivity database for 14 industries

Indigenous Resource Mobilization

Regime Switches in Pakistan's Fiscal Policies

Dr. Iftikhar Ahmad, PIDE, Islamabad

Assesses effects of government spending/taxes on growth and trade balance

Implementation of UIPT Reforms in Punjab

Daniyal Aziz, GINI, Islamabad

Examines possibilities and impediments to updating and reform of UIPT

Improved Estimates of Changes in Stocks/Inventories for National Accounts

Zafar Ul Hassan, Planning Commission of Pakistan, Islamabad

Develops accurate and consistent estimates of changes in stocks

Value Addition in Commodity Producing Sectors

Strategies to Control Diseases and Increase Productivity of Livestock Sector

Dr. Muhammad Ashfaq, UAF, Faisalabad

Assesses impediments to improved disease control and livestock quality

Food Utilization among Poor Households in Peri-Urban Areas of Punjab

Dr. Muhammad Khalid Bashir, UAF, Faisalabad

Investigates consumption among peri-urban households with focus on food safety

Effective of Biofertilizer on Productivity of Chickpeas in Cholistan-Bahawalpur

Dr. Maqshoof Ahmad, Islamia University, Bahawalpur

Demonstration trials and economic analysis of biofertilizer to raise production

Medicinal and Aromatic Plants to Promote Economic Development in Swat Valley

Dr. Hassan Sher, University of Swat

Demonstrations and economic analysis of MAP cultivation to raise incomes and preserve species

Local Marketing Channels and Farm Profitability

Dr. Bushra Yasmin, Fatima Jinnah Women University, Rawalpindi

Investigates marketing alternatives to raise farm incomes

Export Promotion and Private Sector Led Growth

A Value Chain Analysis of the Leather Industry

Dr. Zahoor Ul Haq, Abdul Wali Khan University, Mardan

Examines intra- and inter-firm determinants of value-added and export performance

Channelizing Pakistan-Afghanistan Informal Trade into Formal Channels

Dr. Adil Khan Miankhel, Embassy of Pakistan, Kazakhstan

Examines informal and formal trade and possible preferential trade arrangement

Social Compliance Audits in the Textile and Garments Sector

Muhammad Faraz, Bahria University, Karachi

Investigates labor practices that affect social compliance export requirements

Developing a Vibrant Financial System and Bond Market

Dr. Syed Kumail Abbas Rizvi, Synergistic Financial Advisors, Lahore

Investigates market discipline on banking sector and potential for bond market development

Dynamic Behavior of Corporate Investment in Pakistan

Dr. Adnan Haider, Institute of Business Administration, Karachi

Investigates micro-level/balance sheet determinants of KSE-Listed firm investment

Effects of Corporate Governance on Earnings Management Practices

Bilal Hafeez, National University of Computer and Emerging Sciences, Islamabad

Investigates effects of corporate governance and audit regulation on firm performance

High-Level Human Resource Management to Enhance Firm Performance

Dr. Mansoor Ahmad and Dr. Muhammad Majid Khan, COMSATS, Islamabad

Investigates effects of large-firm HR management on absenteeism and other indicators

Strategic Human Resource Management Practices for Medium Enterprises

Dr. Naveed Ur Rehman, Iqra University, Karachi

Investigates effects of medium-firm HR management on performance

Livelihood Diversification in the Rural Economy in Punjab and Sindh

Dr. Faisal Jamil, NUST, Islamabad

Investigates farm, non-farm and remittance income strategies of rural households

Social Capital

Competition between Private and Public Schools in Rural Pakistan

Dr. Muhammad Jehangir Khan, PIDE, Islamabad

Assesses alternatives for improving school quality and effects on attendance

Child Labour in the Urban Informal Sector

Dr. Ambreen Fatima, AERC, Karachi

Assesses supply and demand determinants of child labour

Health Benefits of Urban Open Spaces for Adolescent Girls

Dr. Nomana Anjum, Allama Iqbal Open University, Islamabad

Assesses effects of open space access and outdoor recreation on health of adolescent girls

Financial Literacy Challenge and Empowerment

Dr. Imran Ali, COMSATS, Lahore

Investigates strategies for raising family financial management of low-income women

Socio-Economic and Health Status of Female Cotton Pickers

Dr. Muhammad Abubakkar, Sub Campus UAF, Vehari

Investigates health and economic status of women cotton pickers

Employment in Textile Sectors

Dr. Muhammad Khan, COMSATS, Lahore

Evaluates workplace safety and health status of women workers in cotton-textile industries

Precarious Lives, Disrupted Bodies: Social Repair after Disaster in Northern Pakistan

Omer Aijazi (Ph.D. candidate), University of British Columbia, Vancouver

Examines social repair after natural disasters and recovery strategies