Listing of Papers Presented in Various Symposia of Pakistan Engineering Congress

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Volume I	**HOUSING PROBLEMS OF WEST PAKISTAN FEBRUARY, 1957**	
1.	Introduction to Housing Problems	S. A. Rahim
2.	Social Aspects of Housing	M. H. Shah
3.	Some Financial and Administrative Aspects of Housing	Khan Bashir Ahmad Khan
4.	Slum Clearance	Irshad Ahmad
5.	Urban Development in West Pakistan	Mazhar Munir
6.	Aspects of Rural Housing	Muhammad Afzal Khan
7.	Building Materials	A. A. Jamal-ud-Din
8.	Low Cost Houses	Ghias-ud-Din Habib
9.	Essential Services and Development Cost	Mukhtar Ahmad
10.	Principles of Architectural Designing	Naseer-ud-Din Murat Khan
Volume II	**FLOODS IN WEST PAKISTAN FEBRUARY, 1958**	
11.	Causes of Floods in the Indus Basin	S. N. Naqvi
12.	Forecasting	Wirasat Ullah Khan
13.	Effects of Floods and Remedial Measures Suggested	Mian Alim-ud-Din
14.	Effect of Floods on the Economy of the Country	Abdul Aziz Anwar
15.	Effect of Floods on Communications: a) Roads b) Railways	A. A. Jamal-ud-Din & M. M. Zubair
16.	Prevention and Control of Floods	Mian Muzaffar Ahmad
17.	Soil Conservation – A Measure of Flood Control	H. J. Asar
18.	Disposal of Floods	Sardar Allah Bakhsh
19.	Forestry in Relation to Flood Preservation and Control in West Pakistan	Muhammad Ihsan-ur-Rehman Khan

20.	Impact of Floods on Water Resource Development	I. A. Zafar
21.	Floods in the Arid Zones of West Pakistan	G. A. N. Starmans
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22.	Tile Drainage	M. Saeed Minhas
23.	A Correlation of Resistivity Variations in Saline and Non-Saline Water Bearing Formations	R. A. Shamsi
24.	Application of Electrical Resistivity Method to Investigate Sub-Surface Geology with Special Reference to Hafizabad Reclamation Area	Maqsood Ali Shah Gilani
25.	A New Conception on the Water-Logging and Salinity Problem of Rechna Doab	Dr. Nazir Ahmad, Dewan Ali and Afaq Ahmad
26.	Physiographic History of Land Formation in West Pakistan	Syed N. A. Z Hussaini
27.	Economic Effects of Water-Logging and Salinity in West Pakistan	Aziz A. Anwar
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28.	Ideals for Engineering Education in Pakistan	Dr. Mubashir Hasan
29.	Education and Training in Engineering Colleges	Dr. Akmal Hussain
30.	Proposal for a Pakistan College of Mines	Robert L. Burns
31.	The Place of Workshop Practice in Engineering Education	William Arthur Mellors
Volume V	**PLANNING AND EXECUTION OF ENGINEERING PROJECTS IN PAKISTAN** **MARCH, 1961**	
32.	Role of Research in Engineering Projects	Dr. Mushtaq Ahmad
33.	Design Office-Practice	Mohi-ud-Din Khan
34.	Engineering for Modern Contracts and Construction	Daren G. Thiel
35.	Mechanization of Construction Operations	Mian Masud Ahmad
36.	Consulting Engineering Practice in Pakistan	I. A. Zafar

Volume VI	**SEDIMENTATION PROBLEMS AS A RESULT OF INDUS BASIN WORKS** **APRIL, 1962**	
37.	The Sedimentation of Mangla Reservoir	Binnie, Deacon and Gourley
38.	The Sediment Problems on the Indus at Tarbela	John B. Drisko
39.	Silt Trap Efficiency of Reservoirs with Special Reference of Tarbela and Mangla Dams	Dr. Nazir Ahmad
40.	Reduction of Mangla Reservoir Sedimentation by Watershed Management	James C. Ringenoldus
41.	Silt Trap Efficiency of Vegetative Cover in the Catchment Area	Amir Ahmad Khan
42.	Sediment Problems in the Indus Basin Part-II Sedimentation in River Channels and Floodways	S. S. Kirmani
43.	Changes in River Regime as a Result of Link Canals	R. K. Lewis
44.	Some Salient Features of Silt Ejector in a Fluvial Channel Based on Hydraulic Model Studies	Mushtaq Ahmad and Muhammad Ali
45.	A Review of Sediment Problems and Possible Solutions	V. A. Koelzer and Marcel Bitoun
46.	The Present and Future of Silt Excluding Devices	Mohi-ud-Din Khan
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48.	History and Magnitude of Water-logging and Salinity Problems in Former Punjab, West Pakistan	M. A. Lateef and R. A. Shamsi
49.	Salinity and Groundwater Conditions in the Lower Indus Plains, Sukkur-Guddu Right Bank and Khairpur-Lower Indus Project	T. N. Jewitt
50.	Water-Logging and Salinity as Factors Limiting Agricultural Production in West Pakistan	Muhammad Hussain and Nur-ud-Din Ahmad
51.	Sodium Hazard of Punjab Groundwaters	C. A. Bower and M. Maasland
52.	Results of Geologic and Groundwater Investigations in the Punjab Plain, West Pakistan	Z. U. Kidwai, W. V. Swarzenski
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55.	WAPDA Programme of Water-Logging and Salinity Control for West Pakistan	M. Badr-ud-Din
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57.	Conjunctive Use of Surface Water and Groundwater Supplies in the Principal Canal Irrigated Areas of West Pakistan	Charles S. Hazen
58.	Review of Reclamation Activities and Methods and Suggested Measures for Water-logging and Salinity Control	Muhammad Hussain and H. A. Nishat
59.	Efficacy of and Dependence on Tubewells as a means of Providing Additional Supply Necessary for Controlling Salinity and Reclaiming Waterlogged Areas	Sarwar Jan
60.	A Study of the Rise of Groundwater and its Salinity in the Irrigated Areas of Indus Plains	Dr. Nazir Ahmad
61.	Performance of Salinity Control and Reclamation Project No. 1 Rechna Doab	Mian Shamim Ahmad, H. S. Zaidi and Badr-ud-Din
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67.	Consulting Services	Khawaja Azeem-ud-Din
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