LISTING OF PAPERS PRESENTED IN VARIOUS SYMPOSIA OF

PAKISTAN ENGINEERING CONGRESS

VOLUME / SR. NO.	TITILE OF SYMPOSIUM/PAPER	NAME OF AUTHOR
Volume I	**HOUSING PROBLEMS OF WEST PAKISTAN FEBRUARY, 1957**	
1.	Introduction to Housing Problem	S.A. Rahim
2.	Social Aspects of Housing	M.H. Shah
3.	Some Financial and Administrative Aspects	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 Material	A.A. Jamaluddin
8.	Low Cost Houses	Ghiasuddin Habib
9.	Essential Services and Development Cost	Mukhtar Ahmad
10.	Principles of Architectural Designing	Naseerddin 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 Flood and Remedial Measures suggested	Mian Alim -ud-Din
14.	Effect of Floods on the Economic of the Country	Abdul Aziz Anwar
15.	Effect of Floods on Communication: a)Roads b)Railways	A.A.Jamaluddin and M.M.Zubair
16.	Prevention and Control of Floods	Mian Muzaffar Ahmad
17.	Soil Conservation a Measure of Flood Control	H.J.Asrar
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.	Impacts of Floods in Water Resources Development	I.A.Zafar
21.	Floods in the Arid Zones of West Pakistan	G.A.N. Starmans
Volume III	**WATER-LOGGING AND SALINITY IN WEST PAKISTAN FEBRUARY,1959**	
22.	The Drainage	M. Saeed Minhas
23.	Correlation of Resistivity Variations in Saline and Non-Saline Water Bearing Formation	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

48.	History and Magnitude of Water-logging and Salinity Problem in Former Punjab, West Pakistan	M.A Lateel and R.A Shamsi
49.	Salinity and Groundwater conditions in the Lower Plains, Sukkur-Guddu Right Bank and Khairpur-Lower Indus Project	T.N Jewitt
50.	Water-Logging and Salinity and Factors limiting Agricultural Production in West Pakistan	Muhammad Hussain and Nur-ud-Din Ahmad
51.	Sodium Hazarad of Punjab Groundwaters	C.A Bower and M. Massland
52.	Results of Geologic and Groundwater Investigations in the Punjab Plain, West Pakistan	Z.U. Kidwals
53.	The Programme of Investigations in the Former Sind	A.P.S Forbess, G.R. Haffman and Sir M. MacDonal
54.	Economic Investigation as related to Drainage with special Reference to Khairpur	P.E Nayior
55.	WAPDA Programme of Water-Logging and Salinity Control for West Pakistan	M. Badr-ud-Din
56.	Development of Groundwater in the Indus Plains	M. Maasland, J.e Priest and M.S Malik
57.	Conjunctive use of surface water and Groundwater supplies in the principal canal irrigated areas of West Pakistan	Charkes 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.	Efficiency and dependence on Tubewells as means of providing addition supply necessary for controlling salinity and reclaiming waterlogging areas	Mr. 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	Shamim Ahmad, H.S Zaid and Badr-ud-Din

Volume VIII	**CONSULTING AND CONTRACTING PRACTICES IN PAKISTAN MARCH, 1965**	
62.	Consulting and Contracting Practices in Pakistan	B.M. Abbas
63.	Consulting and Contracting Practices in Pakistan	A.V. Karpov
64.	Engineering Resources of Pakistan	A.A. Abidi
65.	Consulting and Contracting Practices in Pakistan	G.H. Vaugham Lee
66.	Considerations in the Establishment of a Pakistan Association of Consulting Engineers	G.T. Macarthy
67.	Consulting Services	Khawaja Azeem-ud-din

XII	**PROFESSION IN PAKISTAN**	
95.	Floods and Cyclones in East Pakistan	B.M. Abbas
96.	Engineering Consultancy and contractual Services in Pakistan	Muhammad Omar
97.	The making of an Engineer	Munzur Ahmad
98.	Development of Consultants and Contracting	L.A. Zafar
99.	The participation of Engineers in National Development	Imtiaz Ali Qazlibash
100.	Of Engineer and Accounts	Riyaz H. Bokhari
101.	Training needs of Engineering profession	S.M. Rafi Ahmad
102.	An Engineer in search of an image	Nisarul Haq
Volume XIII		
103.	Planning of Highways for national objectives	Imam Bari pervaize
104.	Streamlining the public services for the tasks of national objectives	M. Iftikhar-ud-Din
105.	Organizing earthmoving and construction equipment for achieving National objectives	S. Nisarul Haque
106.	The challenge of power supply in people's era	Mian Fazal Ahmad
107.	Manpower planning	K.M. Butt
108.	Evaluation of projects; an administrative missing link	Masood Hassan
109.	People's works programme, planning and development at local level	Abdul Latif Mirzas
110.	Development of steel Industry in Pakistan	Fida Rahim
111.	D's and don'ts in infra-structural planning	Sarfraz Khan Malik
Volume XIV	**TARBELA DAM**	Papers were not present
111 to122		under instructions from Federal Government

Volume XVI	**LOW-COST STRUCTURES** **1978**	
123.	Aspects of low cost Urban construction in Pakistan	Z. Mian, K. Mahmood and S.T. Wasti
124.	Self-reliance in low cost Rural Development	N.M. Awan
125.	Economy in Low cost Housing	Muhammad Sharif Ahman
126.	A study of the effect of sand on the compressive strength soil blocks	Ahmad Mukhtar Khan
127.	Primary School Buildings requirements and design	K. Mahood and S. Khalifa Sh. Wajeehud Di, Bakhtiar
128.	Economical design of Masjid Dome	Ali and Muhammad Azim
129.	Towards low cost buildings	Kennerth G. Old
130.	Determining minimum cost sections for lined channels	Tom trut
Volume XVII	**ENGINEERS'S ROLE IN PLANNING EXECUTION OF PROJECTS** **1982**	
131.	Essentially of project management in development economics	Khalid Mohtadullah
132.	Some management aspects of SCARP-I	Dr. N.M. Awan
133.	Planning of food protection works	Muhammad Aslam

165.	Hydro Electric Power Projects construction planning and implementation in inaccessible Northern areas of Pakistan	Brig. Ijaz-ud-Din Khan
166.	Socio-economic imperatives of Hydro-electric development in Pakistan	Mian Fazal Ahmad
167.	Micro power plant programme in Pakistan	Anwar,A. Junejo & Zafer Iqbal
168.	Planning strategy for development of Hydro-power in Pakistan	Muhammad Zakaria
169.	Small scale power generation in private sector with special reference to small hydel power generation	L.A. Jaffery
170.	Construction planning of small hydro-power projects financing-contract packaging project schedule	S.M. Kirmani
171.	Indigenous development to exploit hydel potential in Pakistan	Dr.M.Y. Akhtar
172.	Kundal Shai Hydel Scheme	Khalid Yamin
Volume XXII		
173.	Historical review of development in desigen, operation and maintenance of barrages in relation to surface	Dr.Mushtaq Ahmad
174.	Operation and maintenance of canals	R.K. Anver & R.Haq
175.	Operation and maintenance of completed SCARPS	Hamid Ullah Khan, Syed Rehmat Ali and Muqarrab Khan
176.	Operation and maintenance of Dams	Dr.Izhar-ul-Haq
177.	SCARP planning, operation and maintenance	Nasir Ahmad
178.	Modern telecommunication on Pakistan Railways	Khalid Qasim
179.	New concept in modern signaling maintenance methods	Wasif Roheel
180.	Maintenance of drainage systems	Syed Mansoob Ali Zaidi, Haroon Shami & Muhammad Mehdi Zaidi
Volume XXIII	**FLOOD MANAGEMENT IN PAKISTAN JULY, 1994**	
181.	Floods in Indus Basin, their control and Riaz-ul-Haq management	Riaz-ul-Haq
182.	Management of 1992 floods through reservoir	Muhammad Afzal & Abdul Ghani
183.	On the study of 1992 floods and its effects on Punjab	Syed Ali Rizwan & Faiz Ahmad Chashti
184.	Role of marginal bunds in flood fighting –A case study of cutting of marginal bunds during floods of 1992 at Trimmu and Punjab Headworks	A.A. Shakir
185.	Floods and Road in Indus Basin	E.I. Johri
186.	Floods frequency analysis at some typical discharge measuring site of Pakistan Rivers	Syed Ali Rizwan
187.	Flood forecasting and warming problems in Pakistan	Abdul Majeed

	reservation	
211.	Salinity extent and its management in Punjab	M. Azhar Javaid, Ch. Karamat Ali, Dr. Muhammad Javaed
212.	Environment conservation in Pakistan	Dr. Izhar-ul-Haq, Muhammad Arshad & Dr. Abdul Sattar Shakir
213.	Drainage and environment: Evaluation of post interventions and future strategies in Pakistan	Asrar-ul-Haq, Dr. Bagh Ali Shahid & Dr. Abdul Sattar Shakir
214.	Conservation of water resources of Pakistan	Dr. Izhar-ul-Haq & S. Tanveer Abbas
215.	Environment and cancer	Col. Mumtaz Hussain
216.	Eco-Impacts of Toxic Pesticides	Col. Mumtaz Hussain
Volume XXVI	**NEED FOR HYDRO-POWER DEVELOPMENT TO SOLVE ENERGY CRISIS**	
	APRIL, 1999	
217.	Hydro-electric power potential identified under Pakistan-German Technical Cooperation with GTZ additional to potential on main stem of River Indus	Herbert Kuntz
218.	Role of low head potential meet the energy crisis in Pakistan	Mahmood Ahmad Malhi
219.	Available data banks and information on Hydro-power	Dr. J.J. Victoria
220.	Facilitation of Hydro-power development by Independent Power Producers	Riaz Nazir Tarar
221.	Feasibility studies ready for involvement of private investment under 1998 Power Policy	G.M Iiiass & Javed Rashid
222.	Development of Hydro-power to meet energy crisis of the country	Ghulam Abbass & Fayyaz Asghar
223.	Manpower requirement in Hydro-power Engineering	Dr. J.J. Victoria & Dr. Muhammad Latifp
224.	Optimization of Hydro-Electric Projects	Ch. Altaf-ur-rehman
Volume XXVII	**TRANSPORTATION ENGINEERING AND RELATED ISSUES IN PAKISTAN**	
225.	Transport Policy and Allied Issues	Engr. Mian Ghias-ud-Din
226.	Rutting of Asphalt Concrete Pavements	Engr. Haroon I. Shami, Jim Hall
227.	Policy Option for Pakistan Railway	Engr. Syed Akhtar Ali Shah
228.	Indus Waterway as an International Outlet to Sea for Land Locked Central Asia	Engr. Mohi-ud-Din Khan
229.	An Introduction to Super Pave Asphalt Concrete Mix Design System	Engr. Haroon I. Shami Jim Hall
230.	The Scenario of Public Transportation in Khuzdar	Engr. Aftab Ahmad Farooqi, Engr. Rab Nwaz, Engr. Muhammad Raza