

LISTING OF PAPERS PRESENTED IN VARIOUS SYMPOSIA OF

PAKISTAN ENGINEERING CONGRESS

VOLUME / SR. NO.	TITLE 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

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| 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 Hazard 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 |

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CONSULTING AND CONTRACTING PRACTICES IN PAKISTAN MARCH, 1965

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| 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 |

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98.	Development of Consultants and Contracting	L.A. Zafar
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101.	Training needs of Engineering profession	S.M. Rafi Ahmad
102.	An Engineer in search of an image	Nisarul Haq
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105.	Organizing earthmoving and construction equipment for achieving National objectives	S. Nisarul Haque
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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
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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
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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 warning problems in Pakistan	Abdul Majeed

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211.	Salinity extent and its management in Punjab	M. Azhar Javid, Ch. Karamat Ali, Dr. Muhammad Javaed
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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
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222.	Development of Hydro-power to meet energy crisis of the country	Ghulam Abbass & Fayyaz Asghar
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