



with special reference to the hydrographic processes of the Ganges and the Brahmaputra

C. STRICKLAND

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with a FOREWORD by FRANK DEBENHAM Professor of Geography in the University of Cambridge.

an INTRODUCTION by

eer Mr. Krug.

By delighted to have had the opportunity of meeting you and discussing with you the problems of the delighted to have had the opportunity of meeting you and discussing with you the problems of the delighted and water resources development in East Pakistan The control of the problems of the control of the problems of t hted to have had the opportunity of meeting you and discussing with you the problems of rol and water resources development in East Pakistan. The problem is vast and nd water resources development in East Pakistan. The problem is vast and apportant for the development of East Pakistan and as matters are now shaping, the endously important for one development of class Francistan and as matters are now a existence of East Pakistan is at stake if we are unable to solve them satisfactorily.

reistence of East, Paristant is no sugar it we are unable to solve them satisfactorily. The difficulties also are enormous. You will possibly find that the waters of East Paristan, the The difficulties also are enormous, you will possibly find that the waters of East Pakistan, the sthe tidal estuaries is one of the greatest in the world. This calls for complex technical and tidal estuaries is one of the greatest in the world. This caus for complet technical and after arrangements, and this task must be approached on an integrated basis and on a strangements, and this base house be appropriated on an integrated basis and on a track with the size of the problem flood control, irrigation and drainage, channel sele commensurate with the size of the problem flood control, irrigation and drainage, channel maintenance for inland water transport, and power generation and use, all affect each other and are included by the control of the contr

Our Lovernmental machinery is usually madequate to dear spersed and many departments deal with its several facets. ties and with large measure of autonomy. In order that such an organisation may begin immediately and appropriate departments and divisions be established, I would greatly inction immediately and appropriate departments and divisions be established, I would great,
which is the help and assistance of the very best outside managerial and engineering advisors.

The first is not have and the confidence are so consider that only the best scientific knowledge. preciate the help and assistance of the very best outside managerial and engineering advances.

There is no time to lose and the problems are so complex that only the best scientific knowledge is the best meanagerial and engineering advances. The confidence of the problems are so complex that only the best scientific knowledge is the problems are so complex that only the best scientific knowledge.

managerial and empanering know-now can hope to tackle them attack, we have not sufficiently trained water and power experts that , we have not sufficiently trained water and power experts that can determined leadership but in the guidance of experts such as I have indicated, I would like to thank you once again for all the trouble that you have taken, and I am

I would like to thank you once again for all the trouble that you have taken, and I am anxiously waiting your report and your suggestion. Will you kindly convey my thanks to your calleagues who have so kindly undertaken the trouble to investigate our problems and give us the benefit of their superiors.

There were local and international efforts to cope

RIL FOX

R.G.S., P.R.A.S.B., F.N.L.

with natural hazards and managen of water

resources of the Lower Bengal Delta

LECTURES ANCIENT SYSTEM OF IRRIGATION

NO ITS APPLICATION TO MODERN PROBLEMS

TECHNICAL ASSISTANCE PROGRAMME

EPWAPDA

FLOOD CONTROL

OF

EAST PAKISTAN



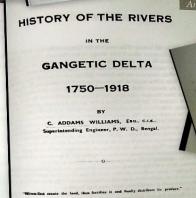
REPORT

HYDROLOGY OF EAST PAKISTA

J. TH. THIJSSE

Government of Bengal Irrigation Department

Report on Rainfall and Floods in North Bengal 1870—1922



CALCUTTA

GOVERNMENT OF EAST PAKIST The Water and Power Development Board (WPDB) of then East

REPORT OF Pakistan with technical assistance from the United Nations compiled a EAST PAKISTAN WAPDATECPOST during 1957 commonly known as Krug Mission Report the form the basis of Coastal Embankment Project (CEP).

"On no soul doth Allah place a burden greater than it can bear. It gets every good that it earns, and it suffers every ill that

-Al-Ouran

TECHNICAL ASSISTANCE PROGRAMME 1957

EPWAPDA

Report of a United Nations Technical Assistance Mission

VOLUME-I

DELTAIC FORMATION with special reference to the hydrographic processes of the Ganges and the Brahmaputra

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with a POREWORD by FRANK DEBENHAM O.B.E., M.A. or of Geography in the University of Cambridge. AND

an INTRODUCTION by CYRIL FOX D.Sc., M.I.Min.E., F.G.S., P.R.A.S.B., F.N.I. Director of the Geological Survey of India,

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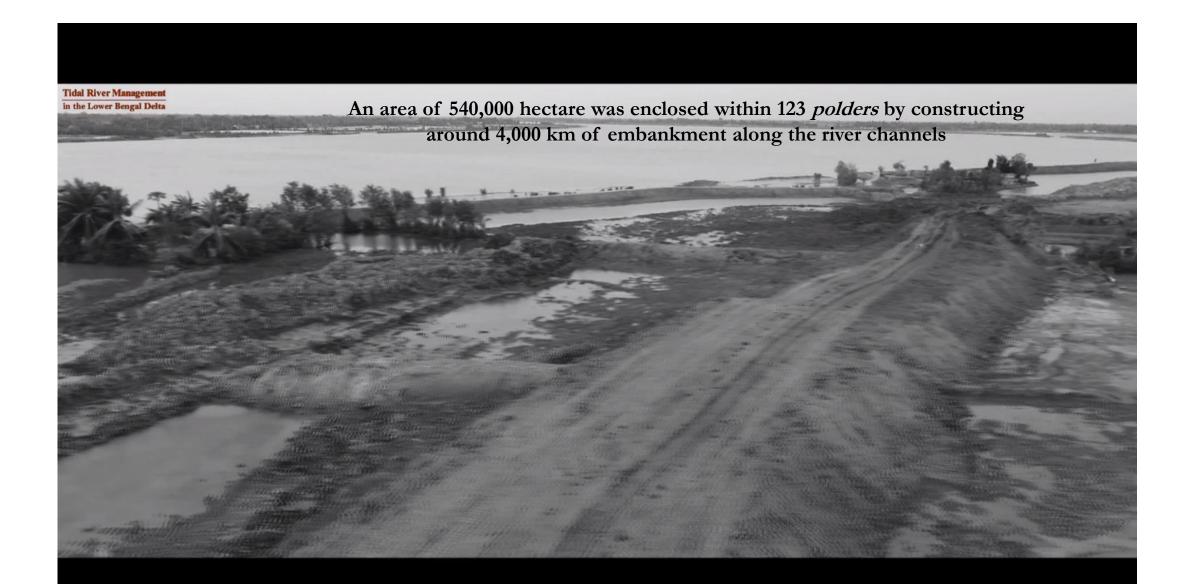
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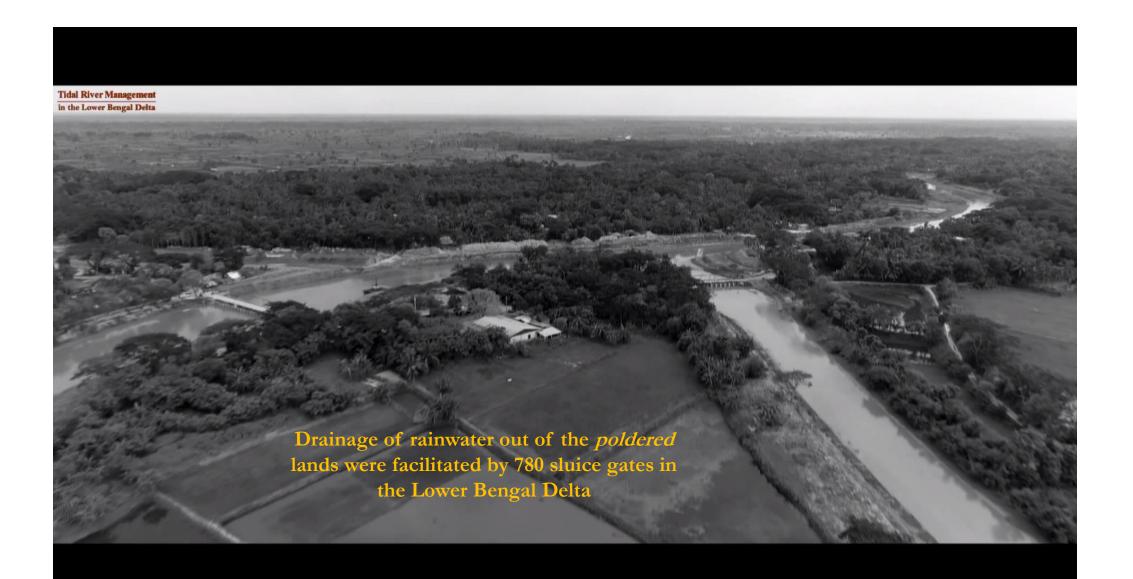
J. TH. THUSSE

October 1964





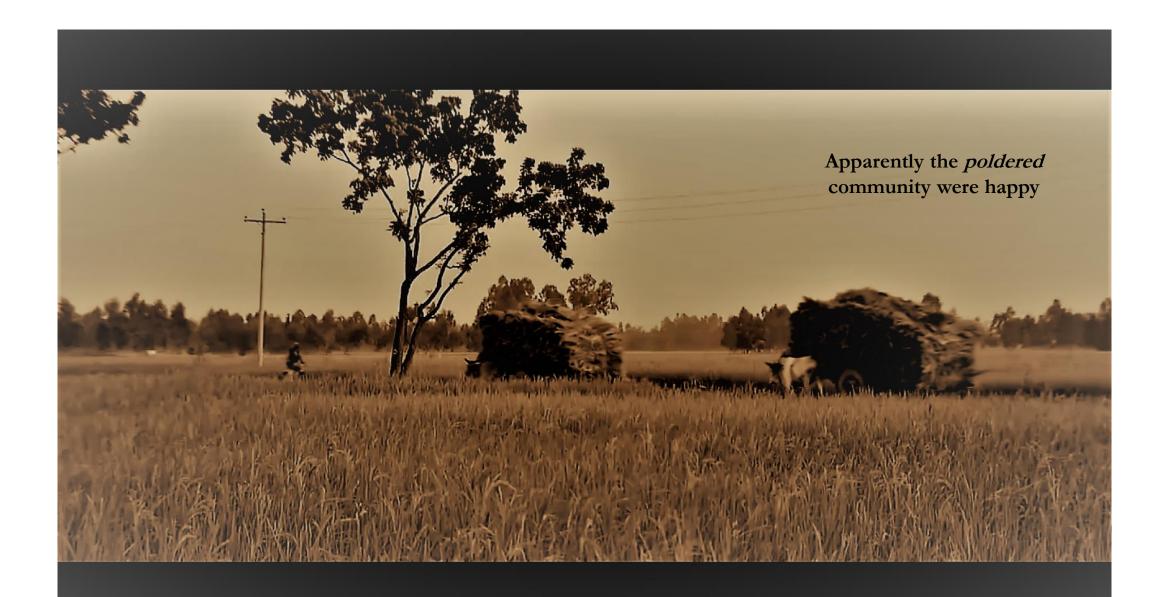


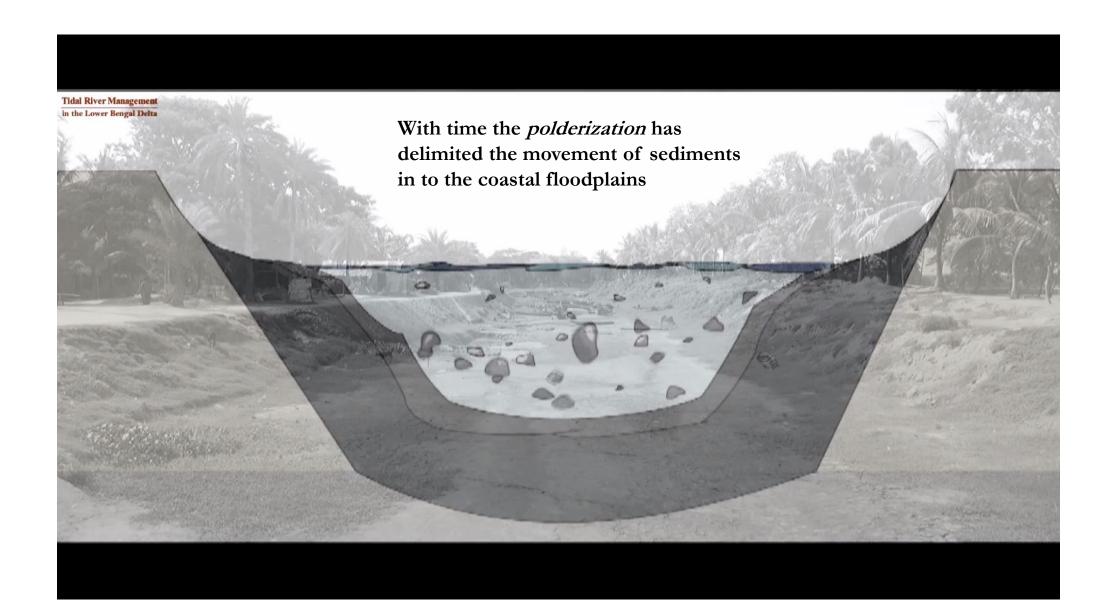


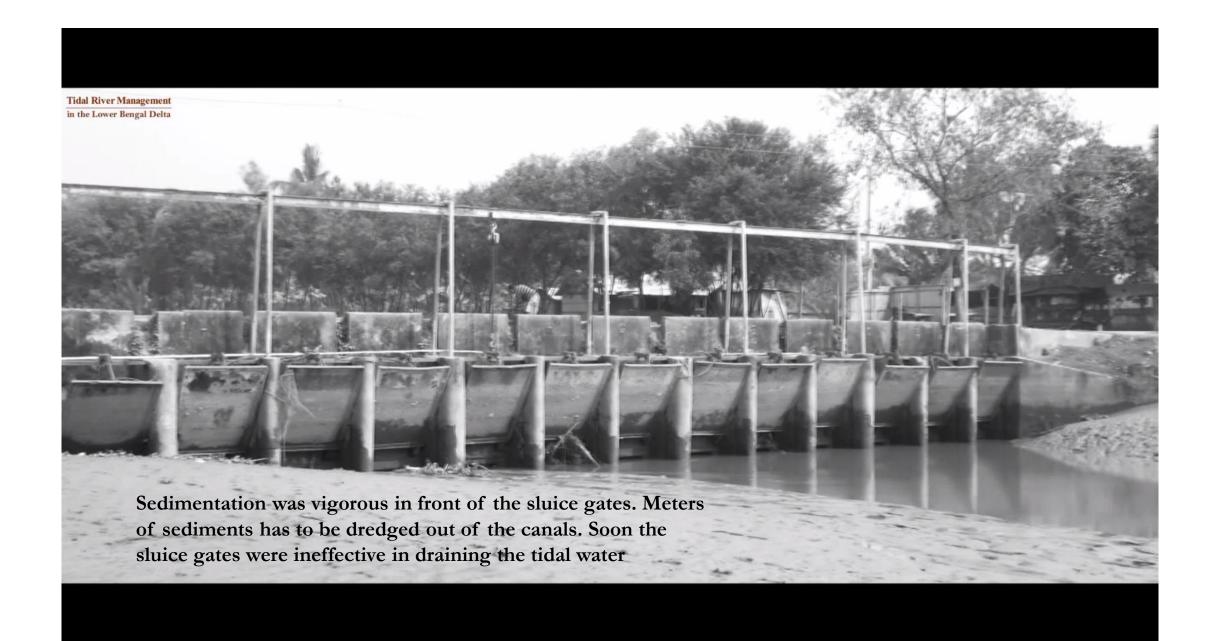


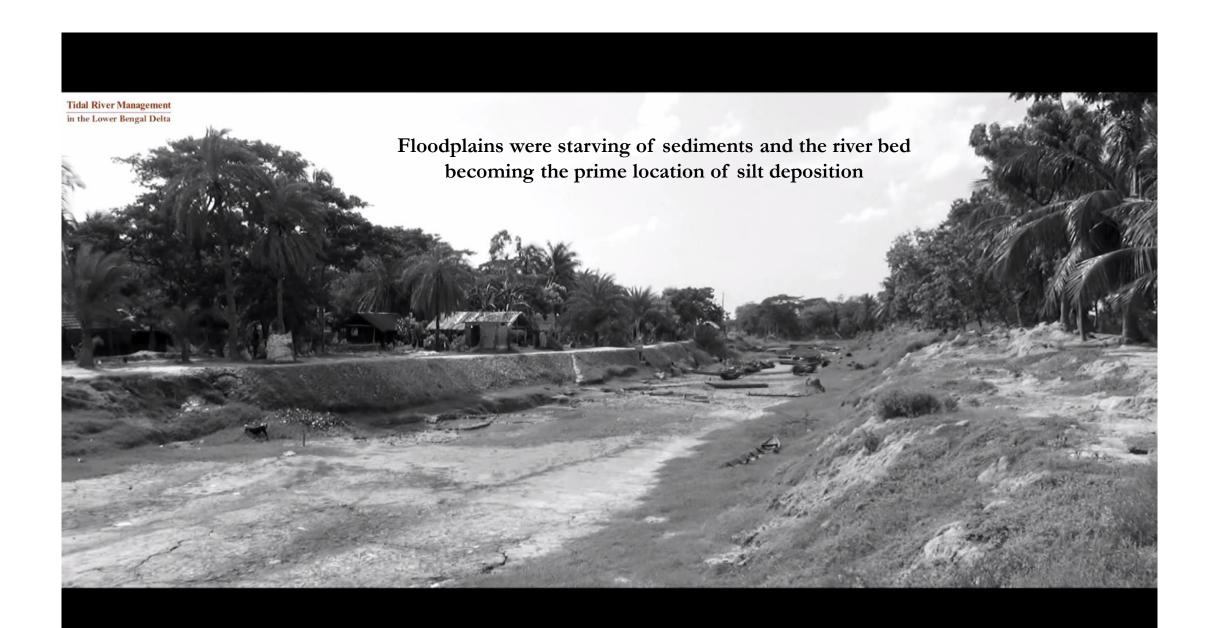


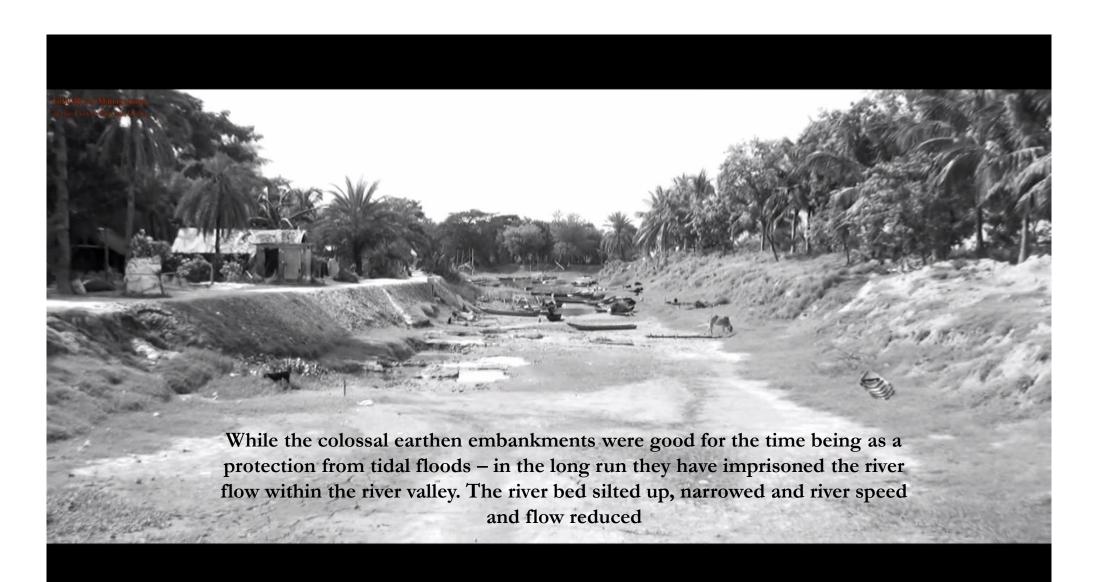


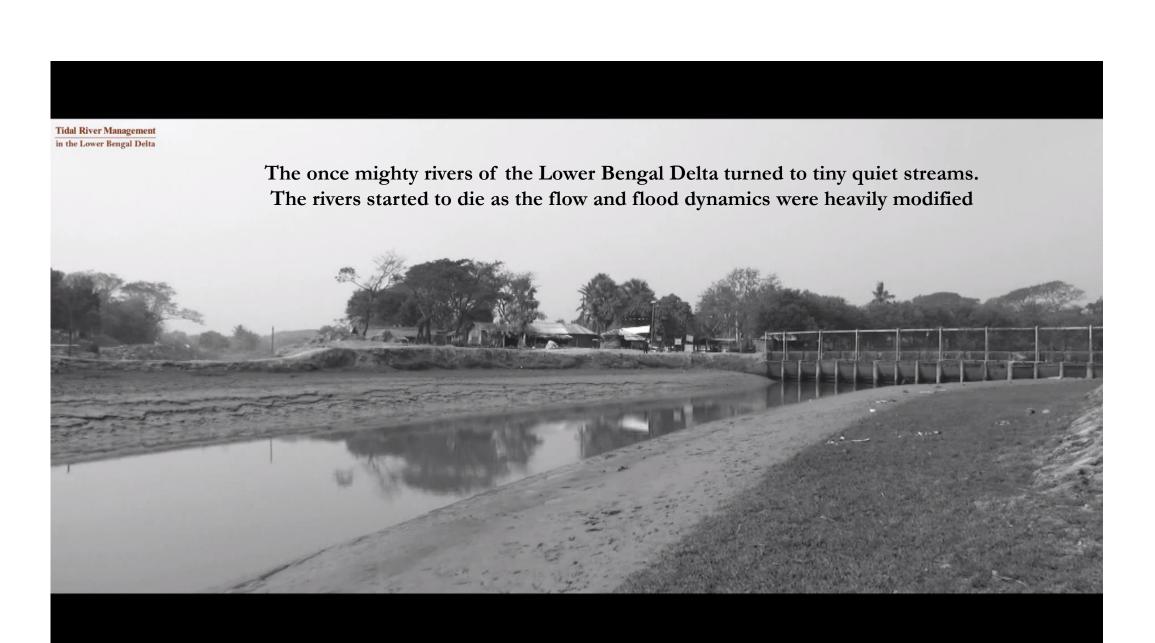


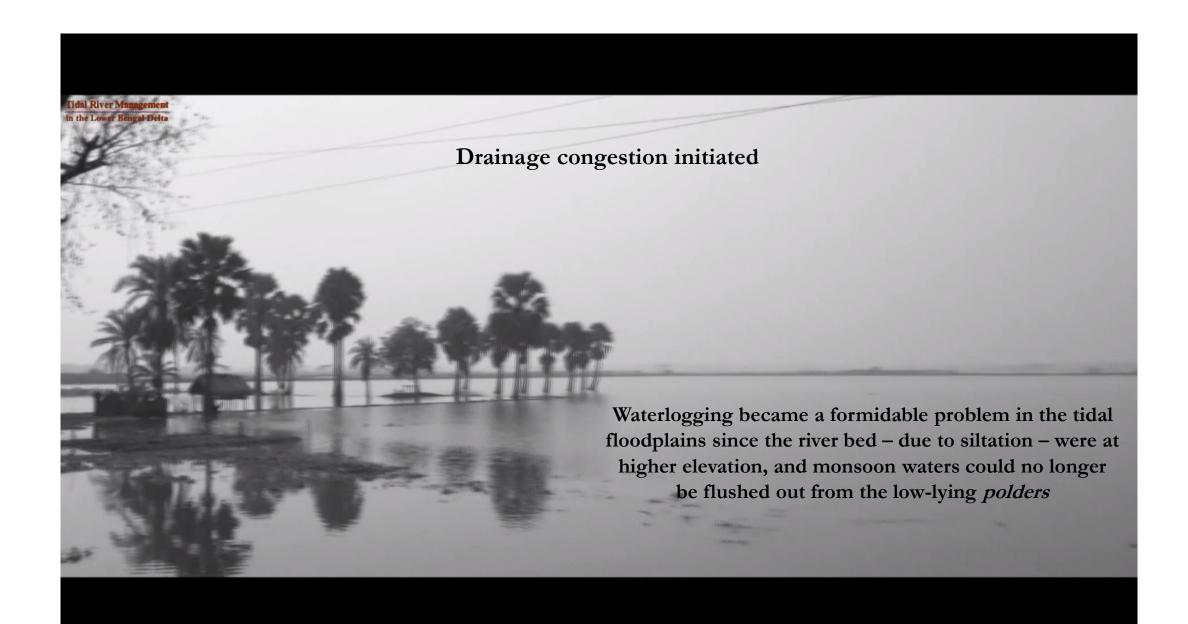


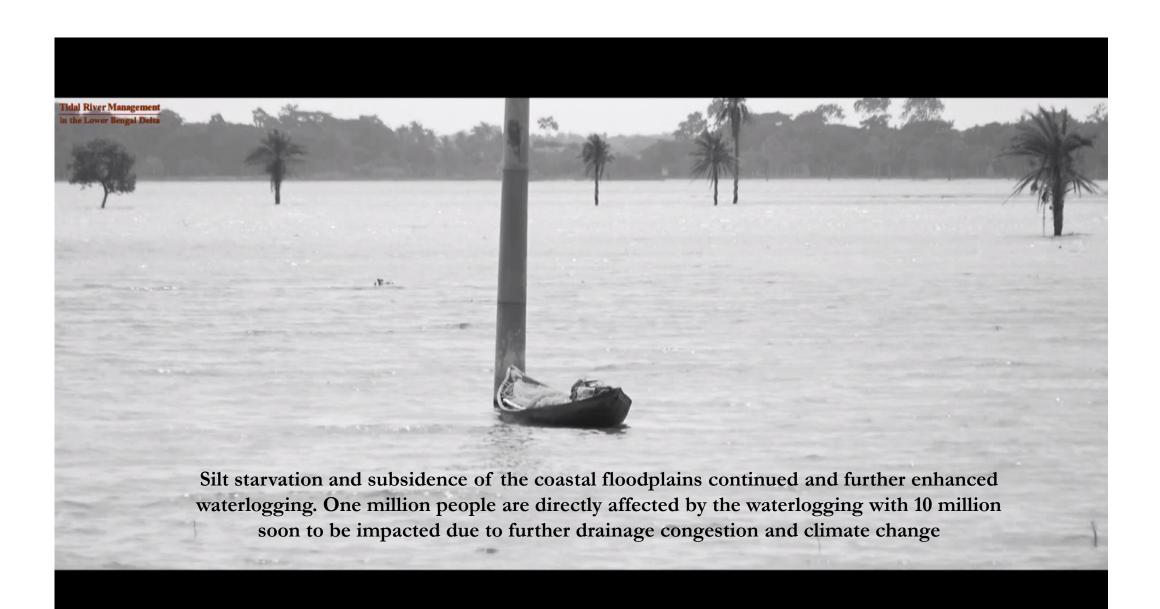


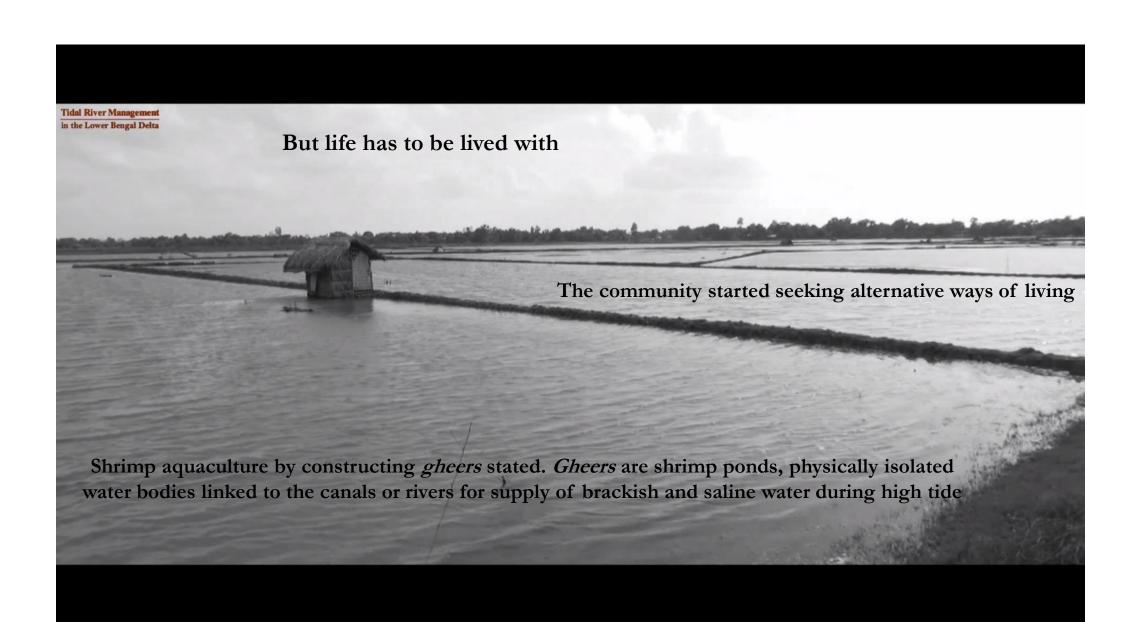


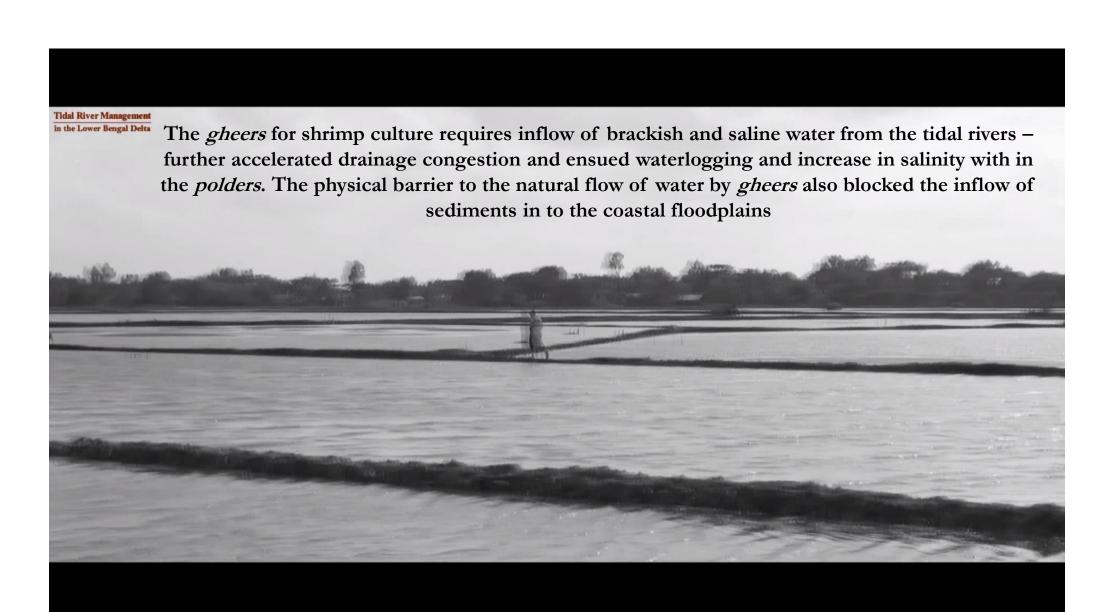






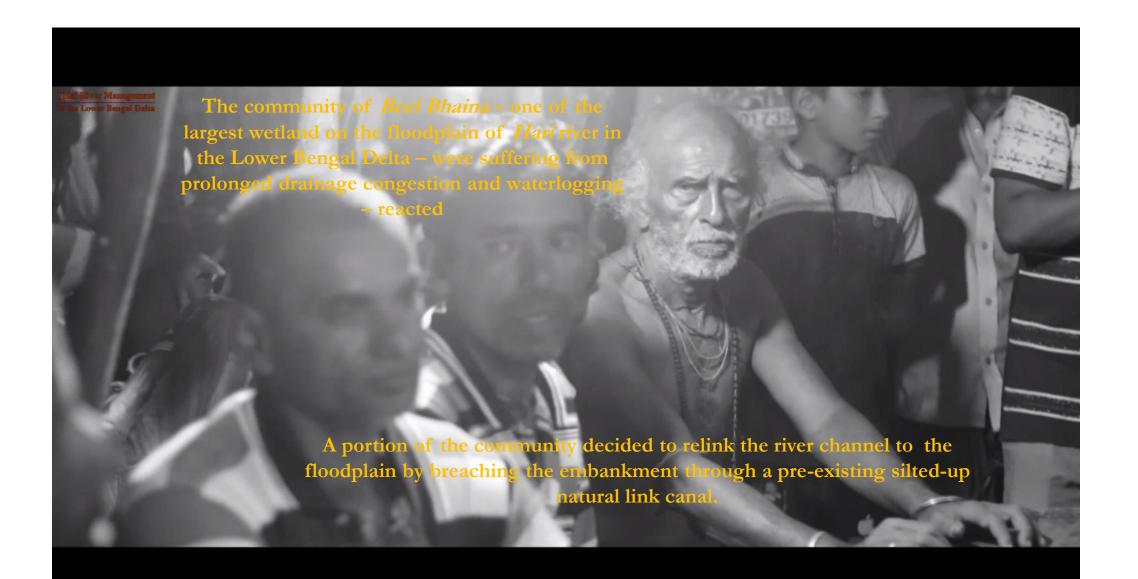


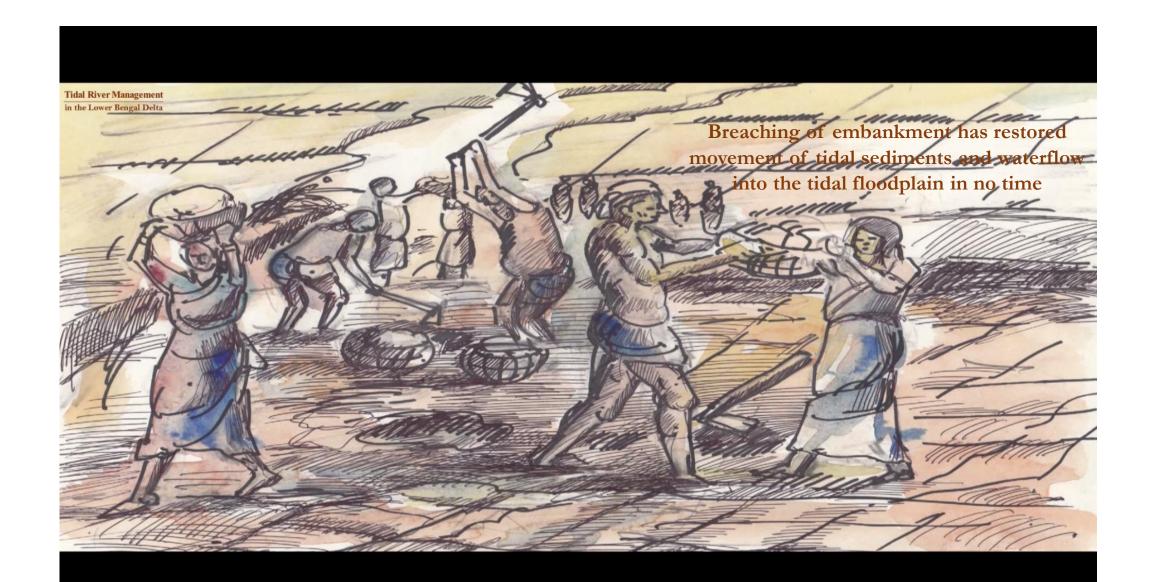




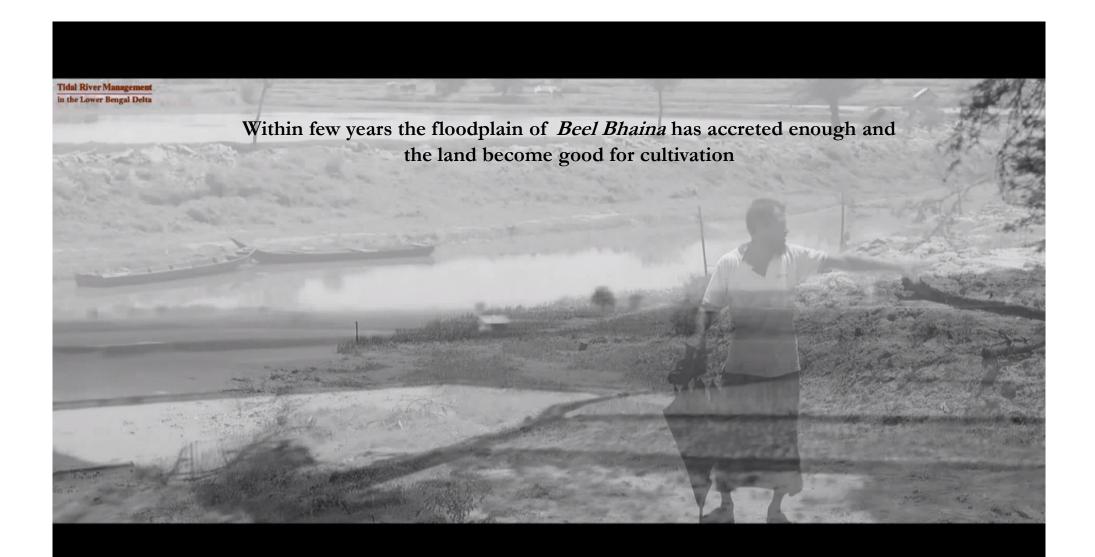








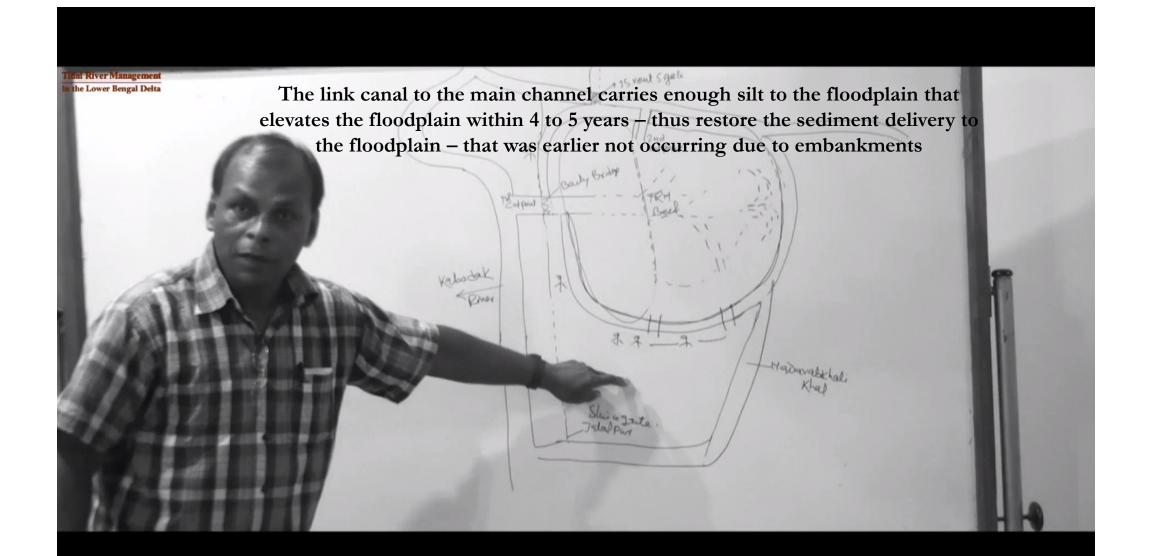












Tidal River Management in the Lower Bengal Delta This process of reactivating tidal rivers and natural distribution of sediments on the floodplain in now-a-days Tidal river known as Tidal River Management (TRM) 1. High tide - water flows Beel (tidal sediment basin, >600 ha, water logged prior to TRM) inland, carries sediment. 3. Low tide - outflowing silt-free 2. Silt is deposited water picks up river sediment and in beel. scours river channel.







