ROOT ZONE SALINITY MANAGEMENT USING FRACTIONAL SKIMMING WELLS WITH PRESSURIZED IRRIGATION
Proceedings of the Year-End Seminar 2000

International Water Management Institute
Mona Reclamation Experimental Project
Water Resources Research Institute

GOVERNMENT OF PAKISTAN

NATIONAL DRAINAGE PROGRAMME (NDP)
Research Component - WAPDA
TABLE OF CONTENTS

Root zone salinity management using fractional skimming wells with pressurized irrigation -Project overview .............................................................. 1
Skimming well concept ............................................................................. 10
Farmers' groundwater skimming practices ................................................. 12
Dugwell as an option of skimming well ..................................................... 22
Extracting freshwater from aquifers underlain by saltywater ...................... 35
Pressurized and innovative irrigation systems: raingun sprinkler systems ... 55
Methodology development for selection of sites for skimming wells and pressurized irrigation systems ............................................................. 81
Guidelines for irrigation scheduling with skimmed groundwater to manage root zone salinity -A preliminary framework ...................................... 101
Seminar program ...................................................................................... 141
List of participants .................................................................................... 142