

IMPORTANCE OF MANAGEMENT INFORMATION SYSTEM IN NATURAL RESOURCES MANAGEMENT

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ABSTRACTS

In this paper the information of MIS in the Chashma Right Bank Canal Management is discussed. Discussion has been held on the relationship between the planning procedure and a geo information system including the consignment organization to the geo information system, emphasizing the importance of development objectives in finding the desired system output. This article defines the simulation models to be included in the model base and consequently data required to operate these models.

INTRODUCTION

The need for natural resources management is widely recognized; the ever increasing population leads to pressure on the available resources that exceed their carrying capacity. Resource degradation through erosion change in flow regimes of rivers and other phenomena in frequently the result. The generally accepted response to this process of degradation is the establishment of a management structure for natural a limited impact in abating these adverse process.

The lack of adequate information on which natural resources management is based has been identified as one of the reasons for this limited impact. It is in relation to this point that discussion on information system to support resource management were initiated.

Until now, much emphasis has been put on information system as data bases providing facilities to store and retrieve data. This paper is the result of an involvement in natural resources programme in D.I.Khan Division, NWFP Pakistan. The objectives of the project is to establish an operational information system supporting Right Bank Canal Management in the area of (5.7 lac) acres of land. The approach followed is that of developing a very simple but comprehensive initial system that will progressively be made more complex to more realistically reflect the ongoing process. Because the project is still in its IInd phase, this self