



Utilizarea informației din studiile pedologice pentru proiectarea și exploatarea sistemelor de irigație

A. CANARACHE - Institutul de Cercetări pentru Pedologie Agrochimie și Protecția Mediului
București

Use of information from soil survey reports for design and management of irrigation projects

Existing and new procedures for identification of soil and land indicators useful in irrigation are discussed. Need and suitability classes for irrigation are those in the current soil survey methodology used in this country, but some of the attributes to be used are often not available in many soil survey reports, and procedures for their estimation is presented in this paper. Soil and land attributes to be used in defining various technical parameters of irrigation, as irrigation method, furrow length, sprinkling intensity, watering amount, and annual irrigation requirement, are not directly included in the current soil survey methodology, and are discussed here, with presentation of new procedures for their estimation (pedotransfer functions and pedotransfer rules).