

Download Irrigation Practice And Engineering Volume 1

Irrigation is the application of controlled amounts of water to plants at needed intervals. Irrigation helps to grow agricultural crops, maintain landscapes, and revegetate disturbed soils in dry areas and during periods of less than average rainfall. Irrigation also has other uses in crop production, including frost protection, suppressing weed growth in grain fields and preventing soil ...2nd World Irrigation Forum (WIF2) 6-8 November 2016, Chiang Mai, Thailand W.1.4.01 1 CANAL AUTOMATION FOR IRRIGATION SYSTEMS: AMERICAN SOCIETY OF CIVIL ENGINEERS MANUAL OF PRACTICE 1311. Sahar Hossein Hamarashid, Ali Ahmadi*, Adel Siosemarde and Mohammad Reza Jahansouz [Effect of low temperature stress on seed germination and related traits of Iraqi Kurdistan wheat cultivars].Crop Res. 53 (1&2) : 1-7 (2018). 1Department of Agronomy and Plant Breeding College of Agriculture and Natural Resources University of Tehran, Karaj, Iran *(e-mail : ahmadia@ut.ac.ir)The environmental impacts of irrigation relate to the changes in quantity and quality of soil and water as a result of irrigation and the effects on natural and social conditions in river basins and downstream of an irrigation scheme.The impacts stem from the altered hydrological conditions caused by the installation and operation of the irrigation scheme.