



Irrigation Engineering and Hydraulic Structures: Water Resources Engineering, Vol. II

By Santosh Kumar Garg

Khanna Publishers Pvt. Ltd, 2016. Softcover. Book Condition: New. 5th or later edition. 16 x 24 cm. Irrigation is the Science of providing water to the lands in accordance with the requirements of the crops grown therein. It has been found to increase the productivity of rain-fed lands by as much as five times in a tropical country like India. The annual fresh water supply (runoff) in India in 1869 b.cum. However, the present utilisation (1997) is only 605 b.cum for all its uses. Out of this, about 500 b.cum, i.e. about 83%, is being used for irrigation alone. Even with such a huge percentage of utilisation of water for irrigation, we are just able to irrigate only about 40% of our gross cropped area. Additional waters are, thus, required to be developed for bringing additional cropped area under irrigation, to increase our food and fibre production. The techniques which are employed for development and management of water resources become vitally important in this context, and have been lucidly explained in Irrigation Engineering And Hydraulic Structures. The present edition has further been revised and updated with rewriting of certain articles and with addition of certain new topics and numerical examples....



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