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**Symposium**  
**on**  
**Management of Irrigation Waters**

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## FOREWORD

✓ Wise use of water is vital to modern civilisation. Population growth puts the emphasis in food production on the development of water resources and their better management. Irrigation is not a single self-contained activity, but brings in soil physics, soil chemistry, agricultural meteorology, plant physiology, soil biology, engineering economics and crop husbandry. The management of irrigation water is amenable to progress provided there is greater collaboration and co-ordination among the various agencies and the scientific disciplines that make up the field. A skilful management of water supplies for successful irrigated agriculture requires development of information through research dissemination of this information and creation of an enlightened public attitude.

To explore ways and means to develop irrigated agriculture in the context of present and future water resources, a symposium on Management of Irrigation Waters was held at Simla in July 1964 along with 34th Annual Research Session of the Board. Nineteen papers were presented on the different aspects of the subject: (1) Organisational set-up for water management; (2) Agency for the construction of watercourses and field channels; (3) Supply of irrigation water and (4) Assessment of water charges. The symposium was largely attended by State Irrigation Chief Engineers, Directors, Research Engineers and Scientists of various Irrigation Research Stations and officers of State Agriculture Departments.

The views expressed by the participants on various aspects of the symposium subject were examined by a committee consisting of Sarvashri M. R. Chopra, G. A. Narasimha Rao, Baleshwar Nath, Arjan Singh, G. S. Sidhu, K. K. Uppal, S. M. Sikka and Satwant Singh and it brought out recommendations for implementation by Irrigation and Agriculture Departments.

This compilation contains symposium papers, discussions, General Report by Shri Joginder Nath, Superintending Engineer, Irrigation Department, Punjab and recommendations of the Sub-Committee. The Board expresses its grateful thanks to the authors of the papers, discussors and participants who largely contributed to the success of the symposium and also to Sub-Committee members in finalising the recommendations.

S. N. GUPTA

*Secretary*

*Central Board of Irrigation and Power*

NEW DELHI

22 MAY 1969.



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