



WATER RESOURCES AVAILABILITY IN INDIA

With the growing population and technological innovations, the water needs for drinking, industry & agriculture and as well wastages are growing rapidly. For appropriate planning & management of water resources use, one needs realistic estimates of water availability in space and time under changing climate which is beyond human control; and increased levels of manmade water contamination from different sources.

The principal objective of this book is to put the water availability under the current climate change scenario; and help government planning. To achieve this goal, one needs reliable and unbiased water availability estimates; and also one must understand the limitations of methods-data used in the estimation of water availability. This book discusses these issues in a practical way.

- This book provides a practical guide to students and as well to planners on the ground realities of water availability estimates over different parts of the country; and thus it provides a first of its kind in this direction and thus is useful as a reference manual.
- This book discusses methods followed in the estimation of river water availability and their limitations under current water scarcity scenario in India. It also discusses the variation in water availability under natural variability in rainfall at macro to micro level.
- There are lots of misconceptions on water availability & climate change created by vested groups that are affecting the water availability estimates in real time, more particularly in the area of research. The book provides the clarity on some such issues.

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