



Úrsula Oswald Spring (Ed.):

## Water Resources in Mexico

Scarcity, Degradation, Stress, Conflicts, Management, and Policy

Water resources in Mexico are threatened by scarcity, pollution, and climate change. In two decades water consumption has doubled, producing water stress in dry seasons and semi-arid and arid regions. Water stress is rising due to physical and economic stress. In seven parts a multidisciplinary team analyzes hydrological processes in basins and their interaction with climate, soil, and biota. Competing water use in agriculture, industry, and domestic needs requires savings, decontamination processes, and desalination to satisfy the growing demand. Water quality affects health and ecosystems. This creates conflicts and cooperation that may be enhanced by public policy, institution building, and social organization.

**Contents :** Introduction – Part I: Hydrological processes and management of basins - Part II: Water Use, Availability, and Alternative Sources – Part III: Water Quality, Pollution, and Health - Part IV: Social Effects, Conflicts, and Hydro-diplomacy - Part V: Public Policy, Economy of Water, Institutions, and Legal Aspects - Conclusions

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