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Continuing concern about water supply and quality, ecosystem sustainability and restoration demands that the modern approach to the management of lakes and reservoirs should be based on a sound understanding of the application of the scientific and ecological principles that underlie freshwater processes. The Lakes Handbook provides an up-to-date overview of the application of ecologically sound approaches, methods and tools using experience gained around the world for an understanding of lakes and their management. Volume one of the Handbook addresses the physical and biological aspect