BOOK REVIEWS

New Books Received


Management and Ecology of Lake and Reservoir Fisheries

Management and Ecology of Lake and Reservoir Fisheries includes chapters that present a vast array of investigations on lakes and reservoirs in Canada, Europe, Asia, and Africa. These manuscripts are the result of a workshop at the International Fisheries Institute at the University of Hull (UK) in cooperation with the European Inland Fisheries Advisory Commission. The international scope of this workshop provided readers with a broad perspective on management practices around the world. Whereas many contributions are not comprehensive reviews, these studies provided a basis for the editor's general conclusions that are presented in the last chapter of the book.

The 31 chapters are grouped into three sections: assessment for management purposes; anthropogenic activities (rehabilitation and mitigation); and management practices. The chapters in the first section focus on the use of acoustic surveys to estimate fish densities. These chapters provide a good review of biases associated with hydroacoustic surveys as well as examples of the application of this technology to real-world management issues.

The second section on anthropogenic activities/rehabilitation and mitigation includes chapters that provide empirical evidence on the manipulation of fish stocks to enhance a fishery or influence water quality. These chapters provide excellent examples of using modern technological advances (e.g., computer modeling and molecular techniques) to address management issues.

In summary, the quality of the chapters is high, and in some cases the abstracts are not very informative. Nevertheless, this edited volume is potentially useful for fisheries managers and provides empirical data that can be used as a basis for the refinement of management of lentic systems. More importantly, these chapters provide excellent examples of integrating fisheries management theory to management practice.