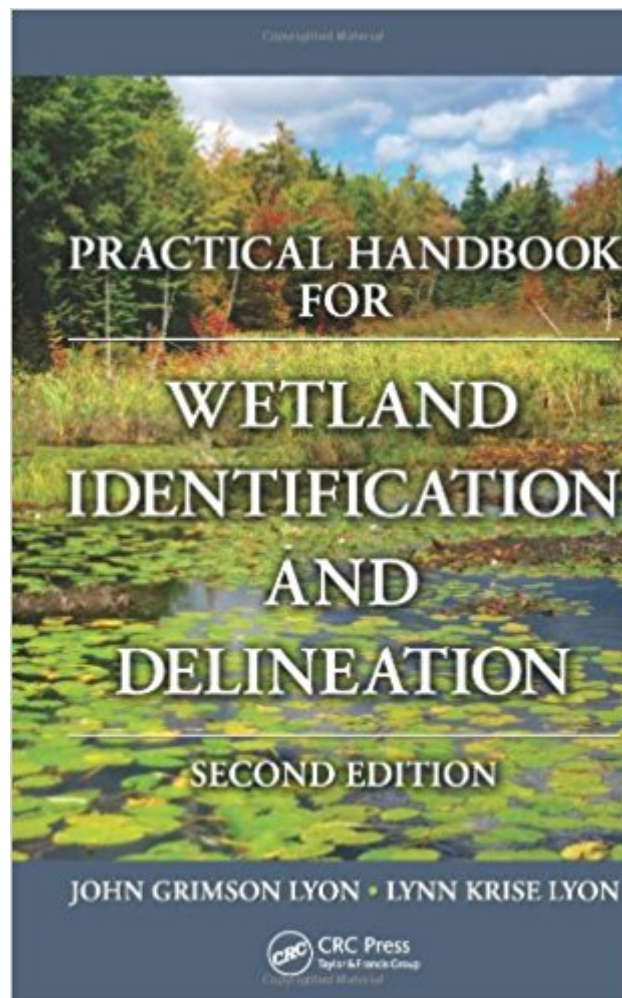




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# Practical Handbook For Wetland Identification And Delineation, Second Edition (Mapping Science)



## Synopsis

Wetland identification, although theoretically straightforward, is not cut and dry as a practice. Despite the time and expense, it is an economic and environmental necessity. The Definitive Guide to the Practice of Wetland Identification The second edition of the bestselling Practical Handbook for Wetland Identification and Delineation offers solutions to real-world problems in the scientific and regulatory aspects of wetlands. The authors present characteristics and indicators of wetlands that are the focus of the jurisdictional issue, and discuss strategies and methods for making wetland identifications and delineations that meet federal requirements. What's new in the Second Edition: Coverage of increased options for scientific evaluation of problematic areas More details on definition of wetlands, description of their functions, and delineation methods used to assess their extent Lay examination of legal questions, regulatory/permitting requirements, statutes, and other guidance Information on the latest techniques for conducting wetland evaluations Exploration of advances in mapping, surveying and remote sensing technologies Although the most basic delineation methods and procedures have not changed since the first edition, the availability and power of advanced mapping, remote sensing and surveying technologies have advanced the science. Low and higher altitude aerial imagery, geographic information system (GIS) databases, easily accessible land cover maps, and fine resolution satellite data are just a few of the resources available. In spite of these advances, it is still difficult to find practical directions on how to gather needed data in the literature. Updated and revised to reflect changes in the science and technology, the second edition brings together technical criteria, field indicators, and vital regional information in clear language and focused practical utility.

## Book Information

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## Customer Reviews

"The second edition of the bestselling Practical Handbook for Wetland Identification and Delineation offers solutions to real-world problems in the scientific and regulatory aspects of wetlands. The authors present characteristics and indicators of wetlands that are the focus of the jurisdictional issue, and discuss strategies and methods for making wetland identifications and delineations that meet federal requirements. Updated and revised to reflect changes in the science and technology, this second edition brings together technical criteria, field indicators, and vital regional information in clear language and focused practical utility." —Jason Wimbiscus- Noteworthy Books Editor, The Northeastern Naturalist, Steuben, ME

Clifton, Virginia, USA Clifton, VA, USA

I didn't find anything new or useful in this book; though admittedly it didn't take me long to ditch it. Wetland delineation is all about the details, and that's exactly what this book leaves out. Presumably its written for students being introduced to wetland delineation or maybe government employees that perform delineations only occasionally. I purchased it hoping to get some insight into the things I didn't quite understand in the Corps Manual and was disappointed to find that the author just left the difficult parts out rather than explain them.

The first edition of this book described how aerial photos and ground work could be used to characterize wetlands. This edition is a simple update adding a few modern remote sensing techniques. Wetlands are regional and there are many sources of information on regional wetlands that provide a detailed account. This book tries a broad brush approach to a topic that should be treated with a regional book. It certainly would not be useful, for example, in determining the legal status of a wetland since that definition changes everywhere. According to the jacket, one of the author's only experience with wetlands is playing in them as a child. That hardly qualifies someone to be a co- author and lowers the credibility of the book. Everything in the book is superficial and so it might serve as a suitable source book in a primary school (K- grade 6).

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