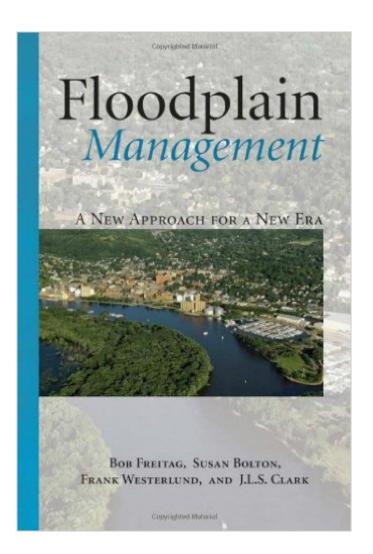
The book was found

# Floodplain Management: A New Approach For A New Era





## Synopsis

A flooding river is very hard to stop. Many residents of the United States have discovered this the hard way. Right now, over five million Americans hold flood insurance policies from the National Flood Insurance Program, which estimates that flooding causes at least six billion dollars in damages every year. Like rivers after a rainstorm, the financial costs are rising along with the toll on residents. And the worst is probably yet to come. Most scientists believe that global climate change will result in increases in flooding. The authors of this book present a straightforward argument: the time to stop a flooding rivers is before is before it floods. Floodplain Management outlines a new paradigm for flood management, one that emphasizes cost-effective, long-term success by integrating physical, chemical, and biological systems with our societal capabilities. It describes our present flood management practices, which are often based on dam or levee projects that do not incorporate the latest understandings about river processes. And it suggests that a better solution is to work with the natural tendencies of the river: retreat from the floodplain by preventing future development (and sometimes even removing existing structures); accommodate the effects of floodwaters with building practices; and protect assets with nonstructural measures if possible, and with large structural projects only if absolutely necessary.

### **Book Information**

Paperback: 256 pages Publisher: Island Press; 2 edition (September 9, 2009) Language: English ISBN-10: 1597266353 ISBN-13: 978-1597266352 Product Dimensions: 6 x 0.5 x 9 inches Shipping Weight: 11.2 ounces (View shipping rates and policies) Average Customer Review: 5.0 out of 5 stars Â See all reviews (2 customer reviews) Best Sellers Rank: #1,666,199 in Books (See Top 100 in Books) #93 in Books > Engineering & Transportation > Engineering > Civil & Environmental > Environmental > Groundwater & Flood Control #1671 in Books > Arts & Photography > Architecture > Urban & Land Use Planning #2281 in Books > Textbooks > Science & Mathematics > Environmental Studies

### **Customer Reviews**

This book provides a systematic approach to floodplain management, including the right questions to ask, and how to stay appropriate to scale, consider a mix of options, and include everyone fairly,

and consider risk, while realistically facing budget limitations. A wide variety of tools are discussed, such as traditional engineered devices like dams and levies, natural systems such as wetlands or meandering river configurations that hold more water, and strategies such as retreat from floodplains. These tools are so different in character that it can be difficult to consider them together. The great thing about the process proposed in this book is that it provides a way to do that. Case studies illustrate how to use systematic steps to pick from these tools, and combine them, to create good solutions for unique circumstances. There is even a chapter on the I-5 floods in the Chehalis River basin in the state of Washington. I recommend this book to anyone making decisions about floodplain management. This book is very technical, and not light reading, but written to be accessible even if you are not an engineer or hydrologist.

An important presentation on enlightened thought about and practice of floodplain management and flood control. Wise and sensible.

#### Download to continue reading...

Floodplain Management: A New Approach for a New Era Hydrology and Floodplain Analysis (3rd Edition) Hydrology and Floodplain Analysis (5th Edition) Hydrology and Floodplain Analysis (4th Edition) Hydrology and Floodplain Analysis Manga: La era del Nuevo Comic/ The New Era of comics (Spanish Edition) Distribution Planning and Control: Managing in the Era of Supply Chain Management (Chapman & Hall Materials Management/Logistics Series) Ecuador History: Pre-Hispanic Era, Discovery and Conquest, Spanish Colonial Era, Society, Economy, Government, Politics Finland History: Origins of the Finns, The Era of Swedish Rule, 1150-1809, Independence and the Interwar Era, 1917-39, Society, Economy, Government and Politics Los rituales del caos (Biblioteca Era / Era Library) (Spanish Edition) The Daily Note Planner For Busy People: Make Use Of Your Time Effectively With This Easy To Follow Note Planning Guide (Note Taking, Time Management, Management ... Management For Dummies, Stress Reduction) Public Management Reform: A Comparative Analysis - New Public Management, Governance, and the Neo-Weberian State Control Your Day: A New Approach to Email Management Using Microsoft Outlook and Getting Things Done MPLS in the SDN Era: Interoperable Scenarios to Make Networks Scale to New Services A New Era of Gardening Safety Differently: Human Factors for a New Era, Second Edition Most Likely to Succeed: Preparing Our Kids for the New Innovation Era LOW EARTH FREQUENCIES: Universal cure to all brain diseases (A New Era Of Knowledge Book 2) The Unfinished Revolution: Coming of Age in a New Era of Gender, Work, and Family Reinventing Medicine: Beyond Mind-Body to a New Era of Healing

<u>Dmca</u>