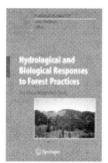


the language of science

## springer.com



## Hydrological and Biological Responses to Forest Practices

The Alsea Watershed Study Series: Ecological Studies , Vol. 199

Stednick, John D. (Ed.)

2008, XIV, 322 p. 85 illus., Hardcover

ISBN: 978-0-387-94385-5 Online version available

This item usually ships in 2-3 business days.

\$129.00



## Table of contents

download 0387943854-t1.pdf (pdf, 70 kB)

## **Contents**

1.	The Alsea Watershed Study	1
2.	Effects of Timber Harvesting on Streamflow in the Alsea Watershed Study John D. Stednick	19
3.	Stream Temperature and Dissolved Oxygen	37
4.	Forest Practices and Sediment Production in the Alsea Watershed Study Robert L. Beschta and William L. Jackson	55
5.	Salmonid Populations and Habitat	67
6.	The Oregon Forest Practices Act and Forest Research	95
7.	The New Alsea Watershed Study	115
8.	Flynn Creek: Research Natural Area	123
9.	Long-term Streamflow Changes Following Timber Harvesting John D. Stednick	139
10.	Long-term Water Quality Changes Following Timber Harvesting	157

xii		Contents

11.	Risk Assessment for Salmon from Water Quality Changes Following Timber Harvesting	171
12.	Sedimentation Studies Following the Alsea Watershed Study	183
13.	Woody Debris from the Streamside Forest and Its Influence on Fish Habitat	211
14.	Long-term Trends in Habitat and Fish Populations in the Alsea Basin	237
15.	The Alsea Watershed Study: A Comparison with Other Multi-Year Investigations in the Pacific Northwest	259
16.	Watershed Management	291
17.	Research Opportunities in Hydrology and Biology in Future Watershed Studies John D. Stednick	307
Inde	x	315