

Sediment Dynamics upon Dam Removal



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Sediment Dynamics upon Dam Removal

Prepared by
the Task Committee on Sediment Dynamics Post-Dam Removal of
the Environmental and Water Resources Institute of
the American Society of Civil Engineers

Edited by
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PREFACE

With the growing concern over adverse environmental impacts of dams on ecosystems and fish populations, the number of dam removals is rapidly increasing. Questions regarding sediment behavior and overall stream geomorphology when a dam is removed have thus come to the fore. It has therefore become essential that guidance and documentation of experience in dam removal be made available to the river management and engineering community. This manual contains several chapters covering numerical and physical modeling and field experience regarding dam removal and its modeling, and is intended to be of use to watershed and river agencies and their consultants as well as researchers in their continued efforts to enable people to live in a healthy balance within their environments.