

CONTENTS

Preface: S. J. Saltveit . . . . .	127
The First International Symposium on Habitat Hydraulics—Opening Address: T. Carstens . . . . .	129
Hydraulic Habitat of Plants in Streams: B. J. F. Biggs . . . . .	131
Importance of the Temporal Aspects of Habitat Hydraulics to Fish Population Studies: C. B. Stalnaker, K. D. Bovee and T. J. Waddle . . . . .	145
Habitat Selection by Brown Trout ( <i>Salmo trutta</i> ) and Young Atlantic Salmon ( <i>S. salar</i> ) in Streams: Static and Dynamic Hydraulic Modelling: J. Heggernes . . . . .	155
Evaluation of the Construction of Artificial Fluvial Salmonid Habitat in a Habitat Compensation Project, Newfoundland, Canada: D. Scruton . . . . .	171
Two-dimensional Hydraulic Simulation of Physical Habitat Conditions in Flowing Streams: A. Ghanem, P. Steffler, F. Hicks and C. Katopodis . . . . .	185
Large Woody Debris Jams, Channel Hydraulics and Habitat Formation in Large Rivers: T. B. Abbe and D. R. Montgomery . . . . .	201
Hydraulic Guidelines for the Re-introduction and Management of Large Woody Debris in Lowland Rivers: C. J. Gippel, I. C. O'Neill, B. L. Finlayson and I. Schnatz . . . . .	223
Strategies for Restoring Spring Flooding to a Drying Northern Delta: T. D. Prowse, B. Aitken, M. N. Demuth and M. Peterson . . . . .	237
Hydraulic Habitat Suitability for Periphyton in Rivers: B. J. F. Biggs and S. Stokseth . . . . .	251
Distribution of Benthic Invertebrates in Relation to Stream Flow Characteristics in a Norwegian River: A. Fjellheim . . . . .	263
Numerical Method for Modelling Spawning Habitat Dynamics of Landlocked Salmon, <i>Salmo salar</i> : M. Leclerc, P. Boudreau, J. A. Bechara and L. Belzile . . . . .	273
Availability of Microhabitats and Their Use by Brown Trout ( <i>Salmo trutta</i> ) and Grayling ( <i>Thymallus thymallus</i> ) in the River Vojmän, Sweden: L. Greenberg, P. Svendsen and A. Harby . . . . .	287

*Continued overleaf*

Indexed or abstracted by 'BIOSIS', 'CAB Abstracts', 'Cambridge Scientific Abstracts', 'Current Awareness in Biological Sciences', 'Current Contents/Agriculture, Biology & Environmental Sciences', 'Ecological Abstracts', 'Environment Abstracts (EIC)', 'Environmental Periodicals Bibliography', 'Focus on: Global Change', 'Geographical Abstracts: Physical Geography', 'Geological Abstracts', 'Research Alert', 'SCISEARCH', 'Selected Water Resources Abstracts'

**Contents continued**

Characterization of Spanish Pyrenean Stream Habitat: Relationships Between Fish Communities and Their Habitat: D. García de Jalón, M. Mayo and M. C. Molles . . . . .	305
Modelling Temporal Variations of Physical Habitat for Brown Trout ( <i>Salmo trutta</i> ) in Hydropeaking Conditions: S. Valentin, F. Lauters, C. Sabaton, P. Breil and Y. Souchon . . . . .	317
Predicting Fish Habitat Use to Changes in Water Flow: Modelling Critical Minimum Flows for Atlantic Salmon, <i>Salmo salar</i> , and Brown Trout, <i>S. trutta</i> : J. Heggenes, S. J. Saltveit and O. Lingaaas . . . . .	331