

Technical Tips

Reference

Long, Nini. 1997. Schaeff HSM 41 and HS 40 D walking excavators: observations. Article No. 4 Watershed Restoration Operations and Research Activities. Forest Engineering Research Institute of Canada, Western Division, Vancouver, B.C.

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Update

Conferences

International Erosion Control Association Conference (IECA). The 29th annual International Erosion Control Association Conference and Trade Exposition will be held in Reno, Nevada from February 16-20, 1998. The conference itself will run from Feb. 18 - 20, and will be preceded by two days of professional development courses on February 16 and 17. For further information, contact the Vice President of the Pacific Northwest Chapter of the Association: David Sahlstrom, of Terrasol Environmental Consulting, Tel. 604-852-3782 Fax 604-852-9376.

Cooperative Lake and Watershed Management: Linking Communities, Industry and Government. November 10 - 13, 1998. NALMS 98 International Symposium at Banff, Alberta. Potential sessions may include restoring endemic aquatic communities, restoration and management of mountain lakes, managing watersheds in National Parks, and fish habitat restoration in streams. The first call for papers will be mailed in February, 1998 and will also be available on-line at the website: www.biology.ualberta.ca/alms/home.htm. Abstracts will be due May 1, 1998. For further information, contact the Symposium Chair:

Brian Kotak, Alberta-Pacific Forest Industries Inc. Tel: 403-525-8431, or E-mail: kotak@compusmart.ab.ca.

Challenges for the New Millennium: Shaping the Future of Fisheries Science and the Fisheries Profession. Aug. 23 - 27, 1998. The 128th AFS Annual Meeting will take place in Hartford, Connecticut. For further information, contact Paul Brouha AFS Suite 110-5410 Grosvenor Lane, Bethesda, MD 20814-2199. Tel: 301-897-8616, ext.209 E-mail: pbrouha@fisheries.org.

Training Courses and Seminars

The Interior Forest Site Rehabilitation Workshop. The 1998 Interior Forest Site Rehabilitation Workshop will be held in Kelowna, BC at the Grand Okanagan Hotel, April 6-8, 1998. The emphasis will be on site-specific, leading edge techniques with examples and case studies, with specific emphasis on soil bioengineering issues. April 6 activities will include registration, commercial displays, and a wine and cheese reception. Papers will be presented on April 7 and 8, along with continued access to commercial displays. Participants will receive a binder with abstracts of presentations as well as lunch on April 7 and 8.

Persons interested in presenting a paper, reserving space for a commercial exhibit, or requiring a registration form are asked to contact: Heather Hamilton at the BC Forestry Continuing Studies Network, University College of the Cariboo, Box 3010, Kamloops, BC, V2C 5N3; Tel: 250-371-5540 Fax 250-371-5574.

Soil Bioengineering. This newly developed two-day course will familiarize participants with the principles of slope stabilization using soil bioengineering techniques. One session will be offered at Mesachie Lake, March 25-26, 1998. Further courses will be offered in the summer of 1998 after training sites have been identified and developed. For further information, contact: Dwayne Geiger at the Cariboo College, Kamloops, B.C.; Tel: 250-371-5547 E-mail: dgeiger@cariboo.bc.ca.

GPS for Contract Administrators. This one-day course, sponsored by the BC Forestry Continuing Studies Network, is aimed at those who administer GPS contracts. Topics covered include an introduction to the technology and equipment used and contract planning and administration. Courses are scheduled at the following locations: Kamloops - January 29, 1998
Campbell River - February 3, 1998
Burnaby - February 5, 1998

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Williams Lake - February 10, 1998
 100 Mile House - February 11, 1998
 Vernon - February 12, 1998
 Cranbrook - February 24, 1998
 Castlegar - February 26, 1998
 Terrace - March 9, 1998
 Smithers - March 10, 1998
 Prince George - March 12, 1998
 Prince George - March 13, 1998.

Information

Field Identification of Coastal Juvenile Salmonids. W.R. Pollard, G.F. Hartman, C. Groot and P. Edgell. This guidebook is intended for field use. It emphasizes features that are used to identify fish alive, so they can be returned to the water unharmed. There is information on the most likely portion of watersheds to find each species and on fresh water residence time. It includes 14 colour photos of live specimens, 18 colour illustrations and 60 black and white illustrations with key diagnostic features highlighted to help with identification. It is printed on durable waterproof paper with a fish viewing bag provided to keep fish alive while identifying them. This guide can be ordered from Harbour Publishing, Box 219, Madeira Park, B.C. V0N 2H0; Tel: 604-883-2730, Fax: 604-883-9451 E-mail: harbour@sunshine.net.

Videos

A Salmonids Catalogue and Seasons of the Salmonids. Directed by Bruce Ward, anadromous fisheries scientist from the Ministry of Environment, Lands and Parks. These videos are a training initiative supported by the Watershed Restoration Program. The first of these two 25-minute productions considers the origin and classification of salmonids. It includes a technical training program on the history, distribution (using animated

depiction of the post-glacial distribution of salmonids to explain their current locations), classification, and identification of all the salmonid species. This program introduces the diversity of salmonid species, their basic life cycle and general habitat requirements using animated graphic sequences and underwater footage.

The second 25-minute program considers details of the habitat requirements of salmonid species during their freshwater life stages. It is presented in a documentary, field-oriented format. The production also features unique underwater and above-surface footage, taken in representative salmonid habitats at each life stage. Also shown are food sources, associated field studies, and graphic overlays to illustrate key habitat features and preferences. Interviews with leading fisheries scientists provide insight into related issues such as water, food, cover, and passageway in the habitats of each sequential life history stage.

These two colourful and exciting videos will provide this much-needed information to a broad spectrum of people interested in British Columbia's salmonids and restoration of their habitats.

These two video productions will be released by mid-February 1998. Copies will be available in limited supply through the Watershed Restoration Program at UBC by contacting Heather Deal; Tel: 604-222-6768, or at cost via Force Four Productions Ltd. Tel: 604-669-4424.

Websites

www.wisc.edu/arboretum/rmn/define.html

The website of "The Society for Ecological Restoration" from the University of Wisconsin provides this quotable definition of ecological restoration: "Ecosystem restoration is an activity at which everyone wins: when successful, we are rewarded by having returned a fragment of the

earth's surface to its former state; when we fail, we learn an immense amount about how ecosystems work, provided we are able to determine why the failure occurred."

More definitions and other gems of wisdom can be found at the above website.

Streamline

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Streamline's goals are to communicate information on practical approaches to watershed restoration including the rehabilitation of stream channels, riparian zones and hillslopes, and to act as a link between geographically-separated WRP proponents and their contractors by facilitating the sharing of information and ideas between the regions of B.C. We rely on our readers' participation. Please send articles and project descriptions (with relevant photos and drawings), as well as information for our "Update" section. We reserve the right to edit submissions for appropriate content, style, and relevance to the Technical Bulletin.

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