

HYDROPHYTIC VEGETATION WORKSHOP

Wednesday, March 20, 2002

INTRODUCTION:

Ralph J. Spagnolo, U.S. Environmental Protection Agency, Region III, What is Hydrophytic Vegetation?

Mary Anne Thiesing, U.S. Environmental Protection Agency, Region II, Hydrophytic Vegetation: Definition, Criteria and Indicators of the 1987 Corps Wetland Delineation Manual

Andy Dinsmore, U.S. Environmental Protection Agency, Region III, Routine Delineation Method for Large and Small Areas: Emphasis on Vegetation

SESSION I: VEGETATION SAMPLING TECHNIQUES

Bob Lichvar, U.S. Army Corps of Engineers, Cold Regions Laboratory, Prevalence Index Versus Dominance Ratio

Jeff Thompson, Maryland Department of the Environment, Alternative Methods for Identifying Hydrophytic Vegetation

Robert Wright, Parsons Transportation Group, Inc., Using Frequency Analysis and the Prevalence Index Procedure for Evaluating Hydrophytic Vegetation in a Created, Stormwater-driven Mitigation Site in Northern Virginia

SESSION II: REMOTE SENSING OF HYDROPHYTIC VEGETATION

This panel will consist of speakers from the City University of New York Doctoral Faculty.

Speaker 1: Spectral Response of Hydrophytic Vegetation

Speaker 2: Thematic Mapping with Aircraft and Satellites

Speaker 3: Depth Allocation of Hydrophytic Vegetation

Speaker 4: Identification and Wetland Delineation

Speaker 5: Species Differentiation by Remote Sensing

Thursday, March 21, 2002

SESSION III: HYDROPHYTIC VEGETATION COMMUNITIES OF THE U.S.

William Conner, Clemson University, Cypress-Tupelo Swamps of the Southern United States

Bill McAvoy, Delaware Natural Heritage Program, Hydrophytic Vegetation of Delmarva Bays

Judy Broersma-Cole, Maryland Department of the Environment, *Magnolia* Peatlands of Anne Arundel County, Maryland

Sue Galatowitsch, Minnesota University, Prairie Potholes of the Midcontinental U.S.

SESSION IV: HYDROPHYTIC VEGETATION: INTERPRETATION IN WETLAND DELINEATION AND IDENTIFICATION

Sara Tangren, University of Maryland, The Influence of Natural Variability in Hydrology, Soil, and Vegetation on Wetland Delineation: A Case Study From the Maryland Coastal Plain

Karl Kunkle, University of Delaware, Woody Plant Species Important to Wetland Delineations on the DELMARVA Coastal Plain

Kirk Havens, Virginia Institute of Marine Science, Southeast Virginia Growing Season Based on Observed Plant Activity and Soil Temperatures

SESSION V: COMPENSATORY MITIGATION AND HYDROPHYTIC VEGETATION

Jeff Lapp, U.S. Environmental Protection Agency, Region III, Different Planting Strategies at Compensatory Mitigation Sites

Ruth Ladd, U.S. Army Corps of Engineers, New England District, Controlling Buckthorn (*Rhamnus* spp.) on Compensatory Mitigation Sites

George Beston, Maryland Department of the Environment, Case Studies: Successes and Failures of Compensatory Mitigation Sites in Maryland

Ken Dunne, Delaware Department of Transportation, Plant Succession Dynamics in Wetland Mitigation Sites in the Mid-Atlantic Coastal Plain

BREAKOUT SESSION: PROBLEMATIC VEGETATION COMMUNITIES

Session A: Facultative Upland (FACU) Hydrophytic Vegetation Communities

Session B: Altered Vegetation Communities

Session C: Seasonally Saturated Wetlands

Friday, March 22, 2002

SESSION VI: INVASIVE HYDROPHYTIC PLANT SPECIES

Rich Mogenson, Marsh Resources, Conversion of a *Phragmites* System to a *Spartina* Marsh, Initial Strategies and Long Term Control

Ruth Ladd, U.S. Army Corps of Engineers, New England District, Use of *Galerucella* Beetles to Control Purple Loosestrife

Kirk Havens, Virginia Institute of Marine Science, *Phragmites*: Colonization of Constructed Wetlands

SESSION VII: PROBLEMATIC HYDROPHYTIC VEGETATION COMMUNITIES FROM DIFFERENT REGIONS IN THE U.S.

Paul Minkin, U.S. Army Corps of Engineers, New England District, Problematic Hydrophytic Vegetation of New England

Steve Martin, U.S. Army Corps of Engineers, Norfolk District, Problematic Hydrophytic Vegetation of the Southeast

Jeff Thompson, Maryland Department of the Environment, Problematic Hydrophytic Vegetation of the Mid-Atlantic

Steve Eggers, U.S. Army Corps of Engineers, St. Paul District, Problematic Hydrophytic Vegetation of the Midwest

Bob Lichvar, U.S. Army Corps of Engineers, Cold Regions Laboratory, Desert Hydrophytes

SESSION VIII: POLICY AND REGULATORY ISSUES RELATED TO

HYDROPHYTIC VEGETATION

Steve Martin, U.S. Army Corps of Engineers, Norfolk District, Testing Proposed Changes to the Northeast Plant List in the Virginia Coastal Plain

James A. Schmid, Schmid Consulting, Inc., Assembling a Plant List for New Jersey: Sources of Wetland Indicator Status Information

Frank Reilly, The Reilly Group, Inc., The Identification of Facultative Upland (FACU) Vegetation