Initial Results from an Ecological Assessment of Invasive and Aggressive Plant Species in Coastal Wetlands of the Laurentian Great Lakes: A Combined Field-Based and Remote-Sensing Approach

Ricardo D. Lopez, Curtis M. Edmonds, Arme C. Neale, Terrence Slonecker, K. Bruce Jones, Daniel T. Heggem, John G. Lyon, Eugene Jaworski, Donald Garofalo, and David J. William

Introduction

Initial Focus: Integration of Sensor and Field Data to Detect Phragmites



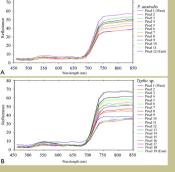


ne coastal area of the wetland complex. A distinctive banana-shaped dike system





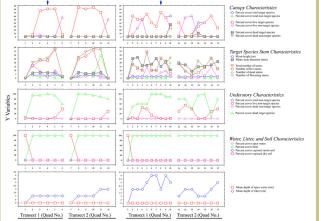




Results

sampled stand. Non-target plants in the canopy and the understory include smartweed

Figure 8 (left). Spectral variability of (A) Phragmites australis (from quadrat 12 to 8) and



Analyses of field data from Figure 7, digital still photographs, digital video images

