DEVELOPMENT OF THE SAV RESTORATION GUIDE

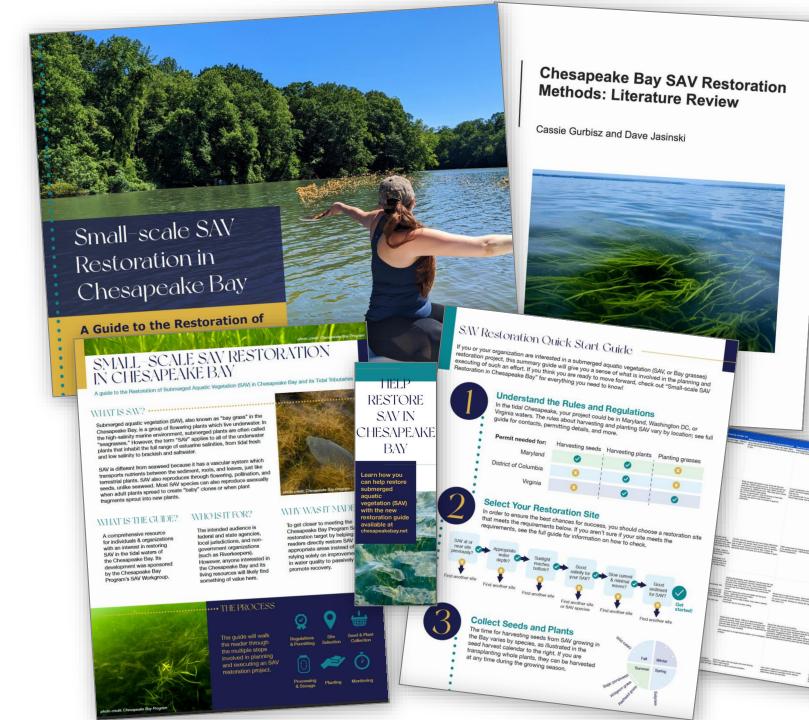
Small-scale SAV Restoration in Chesapeake Bay

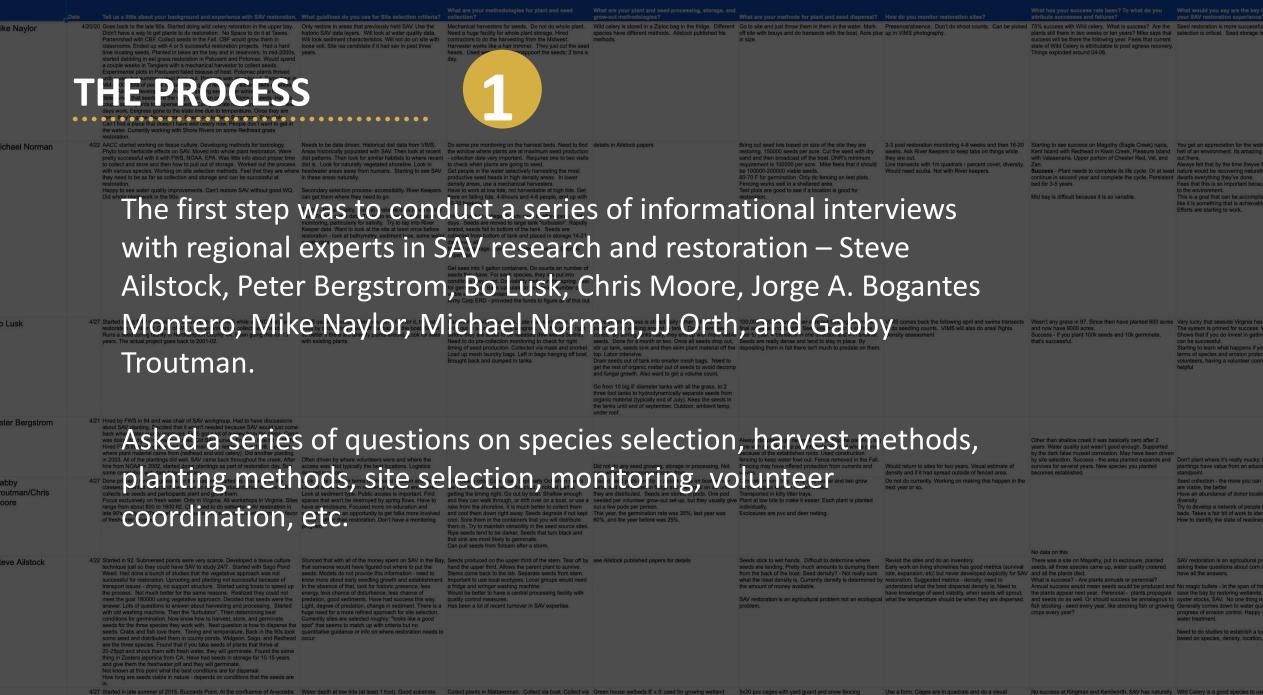
A Guide to the Restoration of Submerged Aquatic Vegetation Dave Jasinski



THE PROJECT

- In Spring of 2020, contracted to develop an SAV restoration literature synthesis, restoration guide, and education/outreach materials
- Dr. Cassie Gurbisz collaborated
- Audience for the guide and outreach materials - federal and state agencies, local jurisdictions, and non-government organizations, such as Riverkeeper and other watershed organizations





THE PROCESS



Based on the information gathered during the interviews and extensive research of the literature, Cassie Gurbisz developed *Chesapeake Bay SAV Restoration Methods: Literature Review*

Topics covered:

- Site selection
- Propagule collection and planting
- Post-restoration monitoring
- Knowledge gaps
- Future directions

Chesapeake Bay SAV Restoration Methods: Literature Review

Cassie Gurbisz and Dave Jasinski



THE PROCESS



Using the literature review as a starting point, we developed the restoration guide.

Chapters cover topics including:

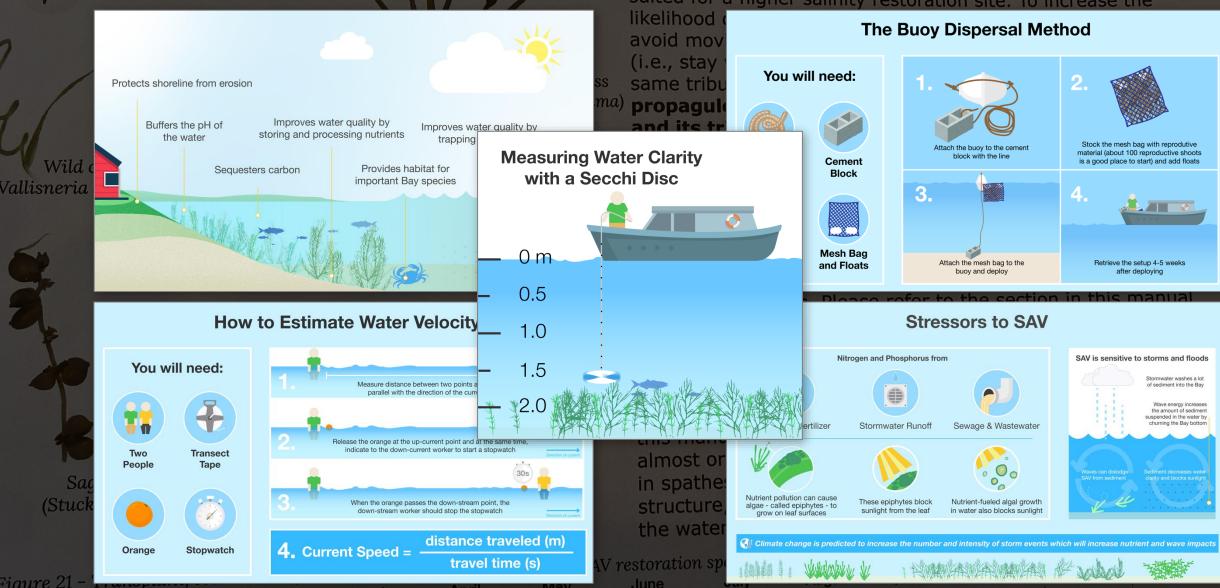
- Regulations and permitting
- Site selection
- Habitat criteria
- Seed and plant collection
- Seed processing and storage
- Testing seed viability
- Seed dispersal
- Monitoring and success criteria

Small-scale SAV Restoration in Chesapeake Bay A Guide to the Restoration of **Submerged Aquatic Vegetation** (SAV) in Chesapeake Bay and its Tidal Tributaries

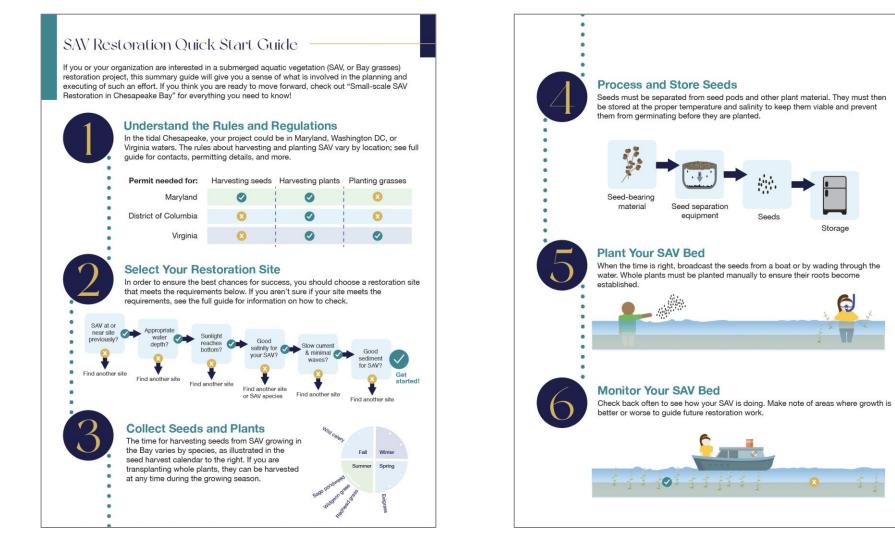
Seeds and Seed Pods

THE PRODUCTS – The Manual

donor bed or donor area. Collecting plants that have adapted to conditions that are similar to those at the restoration site will also increase the likelihood of success. As an example, individuals which have developed genetic adaptations to withstand high salinity at a salty donor site would be wellsulted for a higher salinity restoration site. To increase the

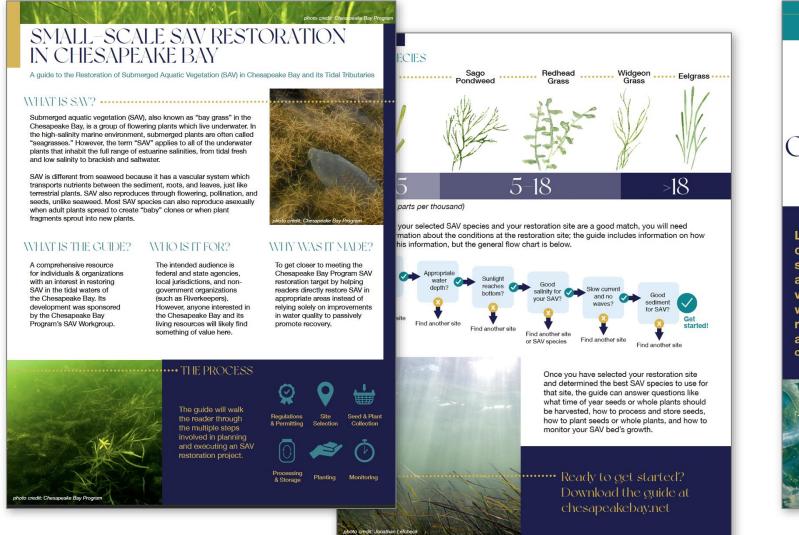


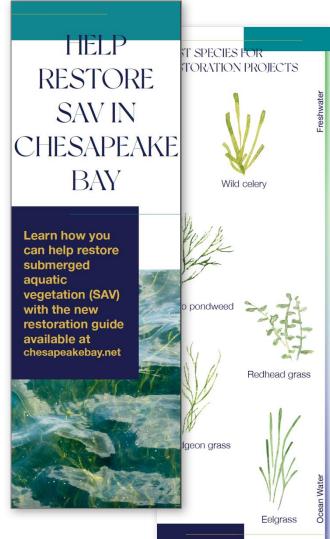
THE PRODUCTS – Quick Start Guide



.......

THE PRODUCTS – Fact sheet and bookmark





THE PRODUCTS – Download

The Guide - bit.ly/SAV_Guide

Fact Sheet – bit.ly/SAV_FS

Quick Start - bit.ly/SAV_QS

Book Mark - bit.ly/SAV_Bmark



Dave@greenfinstudio.com | www.greenfinstudio.com

