

# SAV Monitoring for Citizen Science in Chesapeake Bay

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# Chesapeake Bay SAV



# Chesapeake Bay citizen science



# Seagrass Variables and Measurements

1. Density Data
2. Meadow extent
3. Environmental Data
4. Animal Data
5. Other important data
6. Shoreline type data
7. Canopy height

# Seagrass Variables and Measurements

## 1. Density Data

## 2. Meadow extent

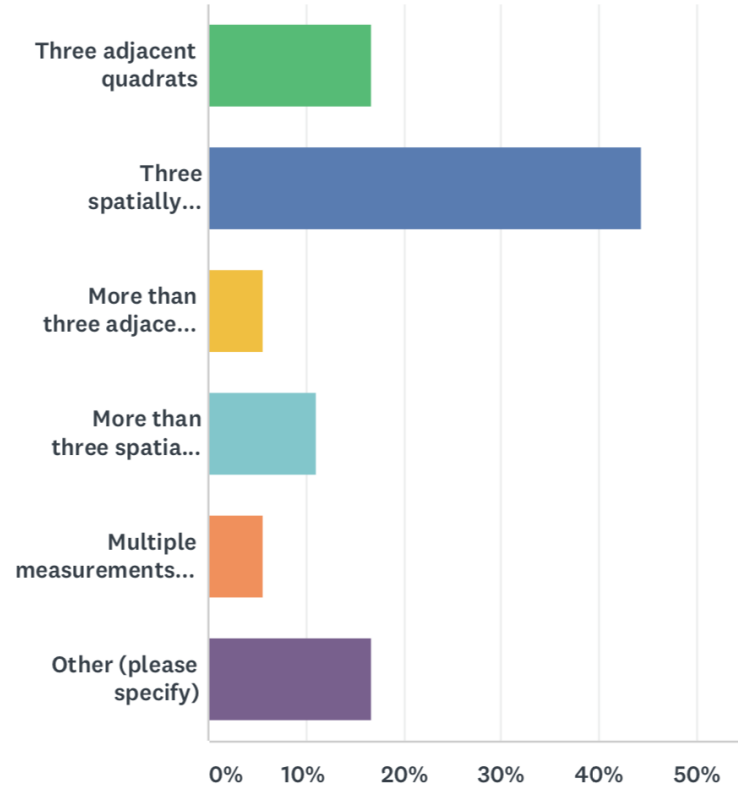
## 3. Environmental Data

## 4. Animal Data

## 5. Other important data

## 6. Shoreline type data

## 7. Canopy height



How far apart?  
Quadrat size?

# Seagrass Variables and Measurements

1. Density Data

**2. Meadow extent**

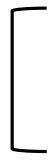
3. Environmental Data

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Split between  Drone  
GPS  
transect

Do we allow multiple methods?

Special drone certification?

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Water depth

Secchi depth

Sediment

Water temperature

Salinity

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Optional fields for  
molluscs, fish, crabs?



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Presence/absence or more?

Epiphytes

floating algae

benthic algae

Propeller scars

Litter

Aquaculture

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Multiple choice?

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How?

# Seagrass Variables and Measurements

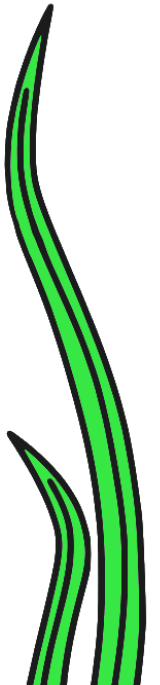
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# Monitoring Certification

Tiers?

Multiple certification levels?

Certification by indicator?



# Biased Data collection

Absence data?

Revisiting Sites?

Targeted monitoring?

