



# Importance

Located along Maryland's Patuxent River, and next to one of the largest tidal freshwater marshes on the US East Coast, our Field Station will provide valuable opportunities to both the education and scientific communities and the citizens of Anne Arundel County, the Chesapeake Bay region, and beyond.

## The Jug Bay Field Station will:

- Be the only Field Station in Anne Arundel County and second in Maryland
- Offer overnight facilities to researchers, educators, students, and the public
- Provide access to an array of unique natural communities including tidal freshwater marshes, sand and pine barrens, vernal pools, forests, meadows, and rich American Indian history
- Enhance its national relevance as a component of the Maryland Chesapeake Bay National Estuarine Research Reserve (CBNERR-MD)
- Be located within a site recognized as an Important Bird Area by Maryland Audubon
- Support unique citizen science and volunteer programs in Anne Arundel County and southern Maryland
- Enhance 35 years of research, education, stewardship and volunteer activities conducted by Jug Bay Wetlands Sanctuary

Introducing the

# JUG BAY

## EDUCATION, RESEARCH AND DISCOVERY (JBERD)

# FIELD STATION

Located at Jug Bay Wetlands Sanctuary, in southern Anne Arundel County, Maryland, our Field Station will support **environmental research, outdoor education, the enjoyment of nature, and the conservation of valuable habitats** in Maryland's coastal plain.

To **increase awareness, understanding, and appreciation** of estuarine and other natural ecosystems and their conservation through **outdoor education, research, stewardship, and volunteering.**

# Our Mission

## Our Purpose

### Studying Nature

Facilitate and catalyze research, citizen science, and science communication on emerging local, priority issues to conserve a healthy representation of Maryland's major natural communities.

Advance the knowledge on best practices for land and habitat management through field experimentation.

### Teaching About Nature

Grow leaders in the art of environmental education through hands-on research-based learning opportunities for teachers.

### Learning About Nature

Promote scientific inquiry for learners at all levels by providing programs and a place for immersive, experiential learning.

### Enjoying Nature

Provide a safe and healthy mosaic of natural communities for everyone to enjoy, explore and restore.





# Offerings & Assets

**With the construction of the Field Station we will be able to offer expanded:**

- Research and monitoring opportunities
- Graduate/undergraduate internships
- Professional trainings, workshops, meetings and conferences
- Staff retreats
- Volunteer, stewardship, and citizen science opportunities
- Outdoor environmental education
- Summer camps
- Public recreation and nature programs
- Overnight stays (camping and cabins)

**Our natural and cultural resources include:**



**225 forest acres**



**Access to over 300 wetlands acres**



**1.5 meadow acres**



**Archaeological resources**



**Vernal pools and creeks**

# Our Facilities

The Field Station construction plan includes:

*Phase 1:*

- Up to five (5) multi-occupancy cabins
- Bathhouse and associated facilities

*Phase 2:*

- A multipurpose building with:
  - a welcome vestibule
  - offices/breakout rooms
  - large conference room
  - kitchen and dining area
  - laboratory
  - restrooms & laundry room

**Jug Bay Farm Preserve Property**

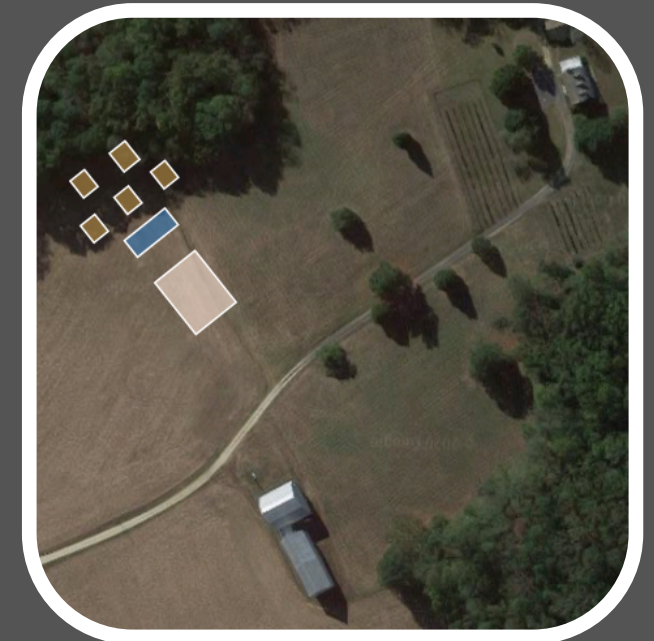
Cabin



Bathhouse



Field Station



# Our Progress

Phase 1 of the Jug Bay Field Station is projected for construction between 2021-2023. A fully functional Field Station (Phase 1 and 2) will provide a relevant and sustainable value for the residents of Anne Arundel County, Maryland and the Region in their care for the natural environment.

## Phase 2

Currently raising funds for field station construction including laboratory space, meeting areas, offices, kitchen and dining room.

### Estimated funding needed:

**\$3 - 4 million\***

\*Final total pending completion of architectural plan

## Phase 1

Nearly \$1.3 million was raised in 2020 for construction of overnight cabins and furniture, a bath house with restrooms and showers, and the creation of a master architectural plan for the field station.

Progress

We are seeking financial, educational, and community partners to support the development of this landmark environmental facility

## JOIN OUR PARTNERS & SUPPORTERS



## Contact Us:

To make a financial contribution to the Friends of Jug Bay visit:  
<https://jugbay.org/support/>

To support Sanctuary's education and research goals for the Field Station call or email us:  
410-222-8006 - [Jugbay@aacounty.org](mailto:Jugbay@aacounty.org)

### Phase 1 Funding Partners

