

EXTENDED MARINE SCIENCE ADVENTURE

presented by Chincoteague Bay Field Station
Wallops Island, VA



SUNDAY
OCTOBER 8

4:30-6PM **Check In (Please eat dinner before arrival)** _____ Education Center Lobby
6:30PM **Welcome & Orientation** _____ Education Center Lab
7:00PM **Barrier Islands**
What sets the Atlantic coast apart from the Pacific is our unique barrier island system. They are one of the world's most interesting ecosystems and are constantly changing as a result of a multitude of environmental factors. This evening, you will learn all about their natural history, importance and the future impacts of these biologically productive places.

MONDAY
OCTOBER 9

7:30AM **Breakfast** _____ Dining Hall
8:45AM **Dune Ecology** _____ Education Center Lab
Venture out to Wallops Island, an undeveloped barrier Island owned by NASA and the Navy and restricted to the public. Led by one of our naturalists, hike through the beach line to learn about littoral currents, wave energy, beach formation and sediment deposition, distribution of flora and fauna, and ecological succession. Don't forget your bag as we finish up with for shell collection and identification!
****MUST BE A US CITIZEN AND BRING A GOVERNMENT-ISSUED ID****
12:00PM **Picnic Lunch** _____ In the Field
1:00PM **Salt Marshes** _____ Education Center Lab
Head over to the other side of Wallops Island to explore one of the most productive ecosystems on the planet! You will seek out the wildlife that call the marsh home and learn about food webs, marsh formation, and tidal zonation. Nothing gets more hands-on when as you have the opportunity to do a "productivity plunge" to experience the marsh (and mud!) full immersion style.
5:30PM **Dinner** _____ Dining Hall
7:00PM **Focus on Horseshoe Crabs** _____ Education Center Lab
This evening will feature a very strange creature that is one of the field station's personal favorites. Without them, humanity would be a lot different and many of us wouldn't even be around. Why? Come to find out!

TUESDAY
OCTOBER 10

7:30AM **Breakfast** _____ Dining Hall
8:45AM **Bird Watching and Oceanography Research Cruise** _____ Education Center Lab
Climb aboard one of the Field Station's research vessels for a morning of birding and scientific collection through the salt marsh and coastal bay ecosystems! We will trawl to sample a myriad of organisms and your naturalist will give you in-depth background on the lifecycle and habits of the marine organisms you see.
12:00PM **Lunch** _____ Dining Hall
1:00PM **Forest Ecology** _____ Education Center Lab
Hike through another of the shore's unique ecosystems – the maritime forest! The flora and fauna of coastal forests have to be specially adapted to harsh winds and salty water. You'll learn how plant life is able to survive in these tough conditions all while learning how to identify plants in the fall as they lose their tell-tale foliage!
5:30PM **Dinner** _____ Dining Hall
7:00PM **Shark Dissection Lab** _____ Education Center Lab
Continue your training as a marine biologist by spending the evening dissecting a shark and learning the adaptations and anatomy that has allowed these unique fishes to become a top predator of the sea.

WEDNESDAY
OCTOBER 11

7:30AM **Breakfast** _____ Dining Hall
8:30AM **Check Out** _____ Education Center Lobby