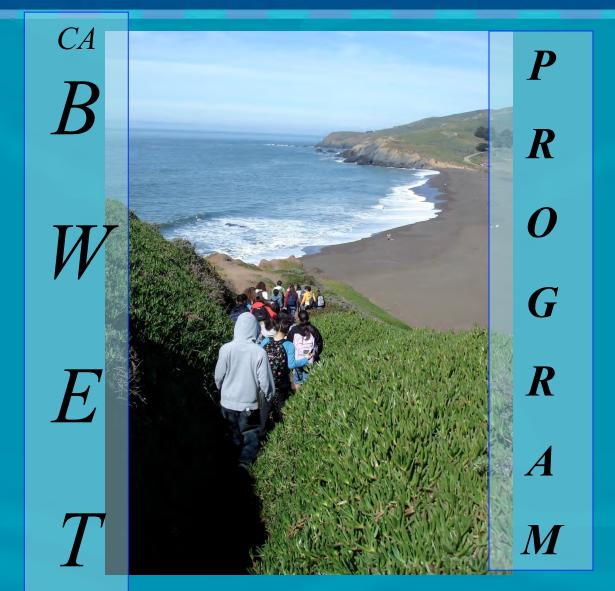
National Marine Sanctuaries National Oceanic and Atmospheric Administration







Who



CLAIRE FACKLER

SEABERRY NACHBAR

Overview





- What is the California B-WET Program?
- Funding Announcement for 2019
- Application Package
- How to Apply for a B-WET grant
- How to write a B-WET grant
- Review Process
- Questions?



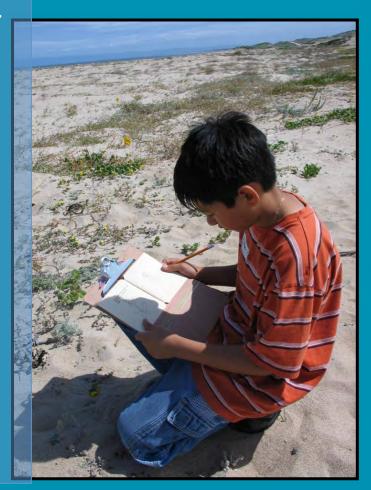
What

An environmental education program that promotes locally relevant, systemic experiential learning in the K-12 environment.



Meaningful Watershed Educational Experiences (MWEE)

- Focused on a question, problem or issue that is within the context of the local community
- Direct connection to the marine, estuarine and sanctuaries
- Investigative or project orientedstewardship action project
- Integral part of the classroom activities
- Part of a sustained activity



MWEE Guide



Student Components

- Teacher participation for the duration of the MWEE
- Integration with classroom curriculum
- Use of the local context for learning
- Experiences are a set of activities over time



Teacher Components

- Allows for adequate instructional time
- Provides ongoing teacher support and appropriate incentives
- Meets jurisdictional guidelines for effective teacher professional development



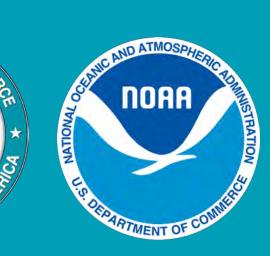
Additional Components

- Educating Every Student In, About, and For the Environment
- Projects make a connection to the sanctuary
- Climate change education
- Includes NOAA assets, including personnel and resources



Our Organization













NATIONAL MARINE SANCTUARY SYSTEM













http://limpets.org

LiMPETS Rocky Intertidal Monitoring



LiMPETS Sandy Beach Monitoring



http://limpets.org

Visit

News

Explore -

Learn •

Get Involved

Multimedia -

About -

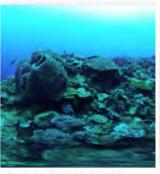
Contact

IOME | MULTIMEDIA /

VIRTUAL DIVES

An immersive 360 view of your national marine sanctuaries











FLORIDA KEYS

FLOWER GARDEN BANKS

SPAV'S REFE

OI VMPIC COAST

THUNDER BAY



http://sanctuaries.noaa.gov/vr



http://sanctuaries.noaa.gov/vr

DIVE IN

All you need is an internet connection!







These sanctuary views can be seen on a personal computer or a smartphone. Pair your phone with a virtual reality headset or goggles of your choice (and click the oo icon) for an extra-immersive experience.

Select which sanctuary you want to visit above and click on a panorama to start your dive!



http://sanctuaries.noaa.gov/vr

Virtual Reality





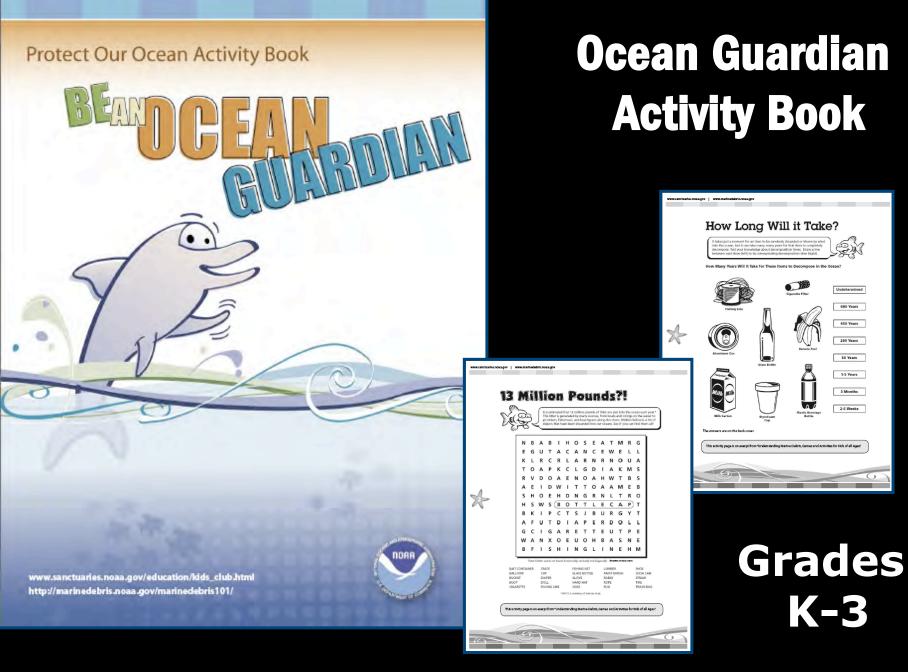




http://sanctuaries.noaa.gov/education



http://sanctuaries.noaa.gov/education/ocean_guardian_prog.html



http://sanctuaries.noaa.gov/education/pdfs/ogab.pdf









Because I want to help the ocean and the creatures in it, I pledge today to do these things and accept membership into the Ocean Guardian Kids Club:

- Promote ocean awareness and pass on my knowledge to friends and family. • Clean up the beach, park, or river and leave it better than I found it.
- Reduce my eco-footprint by cutting down on my use and waste. Reuse or répurpose products to extend their usable life.
- Recycle, and use products made of recycled materials. Conserve natural resources.

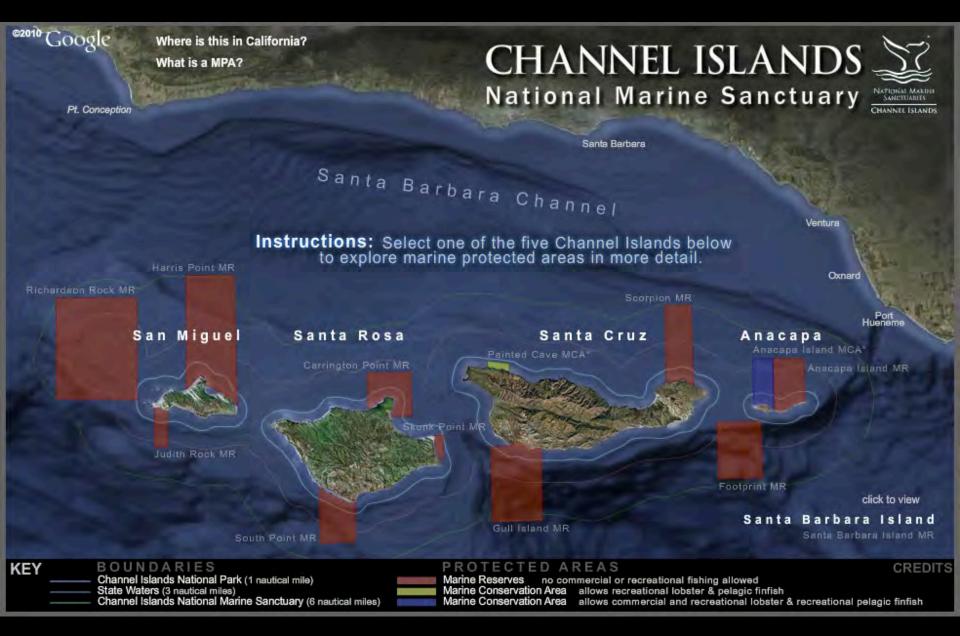
Signature:

sanctuaries.noaa.gov/education

Ocean Guardian **Kids Club**

Open to all K-8 students around the United **States**

http://sanctuaries.noaa.gov/education/kids_club





Sanctuary Radio Program: Tune into the Ocean



Sanctuary Radio Program: Ocean Currents on Community Radio for West Marin KWMR

When: Tune into Ocean Currents the first Monday of every month at 1:00 PM (Pacific Time)

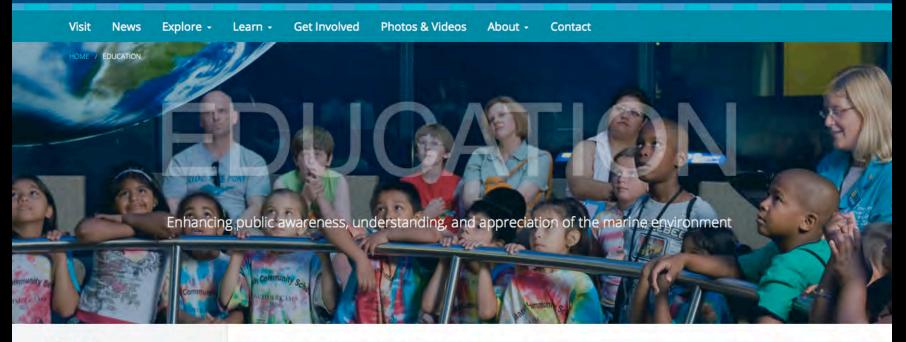
What: Radio Program

The ocean covers 75% of our planet, we truly live on planet ocean! Discover the depths and far reaches of this watery realm by tuning in. We'll talk with experts in the field about current research, management issues, natural history, and stewardship associated with the marine environment, especially in our National Marine Sanctuaries.

How can I listen? Community Radio for West Marin 90.5 FM in Point Reyes Station and 89.9 FM in Bolinas, and always on the web at www.kwmr.org.

Listen to Positively Ocean!

Positively Ocean is a 5 minute spot that airs during Ocean Currents episodes and highlights a positive story about the ocean about whats working well for the ocean.



LEARN

Education

Teachers

Students

Games and Activities

Sanctuary History

Frequently Asked Questions



FOR TEACHERS

The NOAA Office of National Marine Sanctuaries aims to provide teachers with resources and training to support ocean literacy in America's classrooms.



FOR STUDENTS

National marine sanctuaries are living classrooms that can be explored in person or through interactive digital labs and activities.

Marine Careers & Opportunities

NOAA Marine Debris Program NOAA Office of National Marine Sanctuaries

Marine Debris Toolkit

for educators

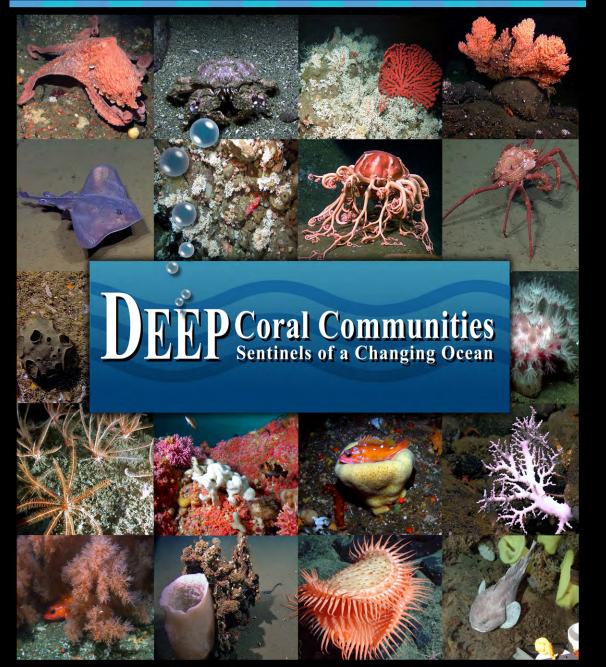






Marine Debris Toolkit for Educators





Teacher Materials



Deep Coral Communities: Sentinels of a Changing Ocean

Lesson Plan

Introduction Video

Download View

Introduction PowerPoint

Introduction PowerPoint Script

ROV Transects

Species ID Guide

Student Transect Data Questions

Transect Data Sheet

Sample Graph

Teacher Answer Sheet

Interactive Poster

Poster Identification Guide

Sites

Channel Island Transects



Deep (>100 meters)

Deep 1 - The Footprint

Download View

Deep 2 - The Footprint

Download View

Deep 3 - Piggy Bank

Download View

Footprint Alternative

Download View

Piggy Bank Alternative

Download View

Deep Sea Overview Video

Download View

Shallow (<100 meters)

Shallow 1 - Carrington



Ocean Acidification Communication Toolkit: Dungeness Crab Case Study

Dungeness crab is a valuable species throughout the national marine sanctuaries of the West Coast from Washington state to throughout California. This communication toolkit is designed for educators and communicators to use to teach others about the impact of ocean acidification on Dungeness crab.

The toolkit includes: fact sheet; infographic; PowerPoint slideshow with script; reference list; resource list; public domain video B-roll; and public domain images.



FACT SHEET

This fact sheet is for a general audience and provides background information on how ocean acidification will affect Dungeness crabs, why Dungeness crabs are so important, and how NOAA is working to help protect this species.



POWERPOINT SLIDESHOW AND SCRIPT

The PowerPoint provides a case study examining how ocean acidification affects Dungeness crab.



INFOGRAPHIC

This infographic poster shares the Dungeness crab and ocean acidification story visually and can be reproduced for education and outreach purposes.



Voices of the Bay

Voices of the Bay introduces students to Monterey Bay's rich fishing heritage as well as its relevance and value today. Each of the three instructional modules that make up the Voices of the Bay curriculum may be implemented as stand-alone activities or sequenced, in the order suggested below, as a more comprehensive course of study.



Winged Ambassadors

Albatrosses, charismatic and threatened seabirds, are ambassadors for a clean ocean. They traverse vast oceanic regions searching for floating food. Along their journeys, they ingest plastic trash and are hooked in fisheries. These five lessons use inquiry-based science instruction, aligned to standards for grades 6 - 8 with extensions for grades 9 - 12.



Ocean Acidification (OA)

Our carbon emissions are making the ocean more acidic, which threatens life in the global ocean.

Use these resources to educate yourself and others to take action. Or watch science lectures on the topic of OA and download education resources for the high school classroom.



Coastal Ecosystem

The Farallones Marine Sanctuary Association has developed a seven-unit Coastal Ecosystem Curriculum for grades 9 - 12 that focuses on the open water and intertidal habitats in Greater Farallones National Marine Sanctuary. Teachers and educators who attend our teacher workshops receive this curriculum and all associated classroom activities.

National Marine Sanctuary Curriculum





Lesson Plan

Exploring National Marine Sanctuaries



Grade Level

· 7-8 Life Science / Farth Science

Timeframe

 20 minutes for teacher to introduce and two 45-minute class periods for presentations

Materials

- National Marine Sanctuaries Student Project and Further Understanding worksheets http://sanctuaries.noaa.gov/edu cation/teachers/features/lpexpl ore.html)
- Each student group will need poster board and materials
- Overhead of national marine sanctuaries map, available at http://sanctuaries.noaa.gov/edu cation/teachers/features/lpexpl ore.html
- Internet access



Activity Summary

In this lesson, students will learn about the national marine sanctuaries found in the Pacific and Atlantic oceans and off the coast of American Samoa. They include breeding and feeding grounds of whales, sea lions, sharks, and sea turtles; significant coral reefs and kelp forest habitats; and the remains of the U.S.S. Monitor, a Civil War ironclad that sank off the coast of North Carolina. By learning about the biodiversity, ecological integrity and cultural legacy of these marine sanctuaries, students can place into context what they are learning about the interdependence of living things on our planet.

Learning Objectives

Students will be able to:

- use the internet to research national marine sanctuaries— America's ocean and Great Lakes treasures:
- identify major groups of organisms living in and protected by national marine sanctuaries;
- describe various habitats found in national marine sanctuaries;
- list characteristics that define various national marine sanctuaries, including their similarities and differences;
- · identify some of the resource issues threatening the ocean, and specifically our national marine sanctuaries;
- describe human interactions with the ocean and will be able to explain the importance of marine protected areas; and

National Marine Sanctuaries National Oceanic and Atmospheric Administration





Education







An orca or killer whale breaching in Monterey Bay National Marine Sanctuary off California.

An endangered Hawaiian green sea turtle in the Hawaiian Islands Humpback Whale National Marine Sanctuary.

A cluster of male ruby brittle stars atop a brain coral in Flower Garden Banks National Marine Sanctuary.

Exploring National Marine Sanctuaries Student Project Worksheet

Name:	
Your group will create a poster about one of the national marine sanctuaries being protected by the National Atmospheric Administration's (NOAA) Office of National Marine Sanctuaries. For each marine sanc find a link with lots of information about that sanctuary. Your poster should address all of the questions of chart below.	tuary, you wil

The resources you will need can be accessed from the following websites: http://sanctuaries.noaa.gov/, http://marinelife.noaa.gov and https://instagram.com/noaasanctuaries/.

Fill out the chart as you explore the websites to help you gather the information you will need.

What is the name of your national marine sanctuary and where is it located?

What kinds of habitats are found there?

http://sanctuaries.noaa.gov/education

http://sanctuaries.noaa.gov/education

http://sanctuaries.noaa.gov/education

National Marine Sanctuaries of the West Coast Field Guide



Distance Learning



This webinar series provides information about education and outreach programs, products and curricular materials to bring the ocean into your classroom or facility to enhance ocean and climate literacy.



VERY LOW - 35 10 15 20 25 30 35 40 3 OPTIMAL 1886 1920 1946 1970 1996 2020 2045 2070 2094

The Devil (Weed) is in the Details: The Spread and Ecology of an Invasive Seaweed

August 23, 2018 at 6 pm Eastern / 3 pm Pacific

Dr. Lindsay Marks, California Sea Grant Fellow for Channe former Dr. Nancy Foster Scholar

Invasive species are the second-greatest driver of biodiver seaweeds represent a major challenge to ocean health. The about a Japanese seaweed called Devil Weed, which is rap southern California. Topics that will be discussed include: the ways in which it may affect native species; the role that resisting its spread; and techniques that can be used to co

....



Plastics in the Ocean: Facts, Fiction, and Unknowns

September 25, 2018 at 6 pm Eastern / 3 pm Pacific

Anna Robuck, Dr. Nancy Foster Scholar at the University of Rhode Island Graduate School of Oceanography

Although plastics are vital in a slew of consumer applications, plastic pollution in the ocean has turned out to be a not-so-fantastic outcome of modern day plastic dependence. This presentation provides an overview of the ocean plastic pollution problem, explaining the difference between marine debris and microplastics. It also will outline the current state of knowledge about microplastic impacts in the ocean and marine food webs, and provide insight into an ongoing research project using seabirds as indicators of plastic pollution in the Northwest Atlantic.

Register

Understanding Ocean Acidification - Using NOAA's New Educational Tools

October 17, 2018 at at 6 pm Eastern / 3 pm Pacific

Amy Dean, National Estuarine Research Reserve System

Data in the Classroom is designed to help teachers and students use real scientific data to explore dynamic Earth processes and understand the impact of environmental events on a regional and global scale. In this presentation, participants will dive deep into Data in the Classroom's Ocean Acidification Module to explore the processes that cause acidification, examine data from across the globe and take a virtual tour of the new webbased curricular modules and data tools.

Register



Listening to "See" Beneath the Waves: Soundscape monitoring in Channel Islands National Marine Sanctuary

April 9, 2019 at 3 pm Pacific / 6 pm Eastern

Dr. Lindsey Peavey Reeves, Research Specialist for NC Sanctuary

National marine sanctuaries are special places that statishing, recreation, and commercial shipping. At the sanimal communities made up of some species that carelatively stationary. Like all marine environments, sa conditions and weather each year, like wind-driven upelements have one thing in common: they produce savisually observe all, or even some of these things, and the waves to better understand and protect sanctuar has been a hot spot for passive acoustic monitoring for various ways in which the Channel Islands sanctuary a soundscape, what we've been able to learn so far, and





Estimating Coral Feeding Habits from Space

May 21, 2019 at 6 pm Eastern / 3 pm Pacific

Dr. Michael Fox, Postdoctoral Scholar at Woods Hole Oceanographic Institution

Reef-building corals rely on a symbiosis with microscopic algae for much of their energetic needs. Rising ocean temperatures threaten this symbiosis and can cause it to break down in a process known as coral bleaching, which is one of the primary threats to the persistence of coral reef ecosystems globally. Corals are not helpless, however, as they are also excellent predators and if they can capture food to maintain their energy budgets while bleached they may have a greater chance for survival. Learn more how natural variation in food availability on reefs around the world and how this may influence coral resilience and recovery from bleaching events.

Protecting Blue Whales and Blue Skies - Vessel Speed Reduction in California

June 11, 2019 at 6 pm Eastern / 3 pm Pacific

Jessica Morten, Resource Protection Specialist, contractor to NOAA's Channel Islands National Marine Sanctuary & Cordell Bank National Marine Sanctuary through the Greater Farallones Association

California's nutrient-rich coastal waters are home to several species of large whales, including gray whales and endangered blue, humpback, and fin whales. The state is also home to four major shipping ports – San Diego, Long Beach, Los Angeles, and Oakland – that result in thousands of large container and tanker transits taking place within California national marine sanctuary waters. In the past decade, over 10 whale fatalities have been recorded along the California coast as a result of ship and whale collisions, and recent research suggests that many more of these ship strikes are going undetected each year. To address this global issue, national marine sanctuaries along the West Coast have been working with a number of partners to better understand the issue of ship strikes and slow vessels down to reduce harmful air emissions and protected endangered whales.

Register

NOAA Assets



NOAA Assets

Coastal Discovery Center at San Simeon Bay











SANCTUARY EXPLORATION CENTER





Come enjoy a stunning view of the Golden Gate Bridge at the Greater Farallones National Marine Sanctuary Visitor Center! Located in a historic Coast Guard station at the mouth of San Francisco Bay, the center offers visitors a wealth of educational resources about wildlife and conservation, as well as access to a sandy beach and green space that's perfect for a sunny day trip.

Location: San Francisco, CA

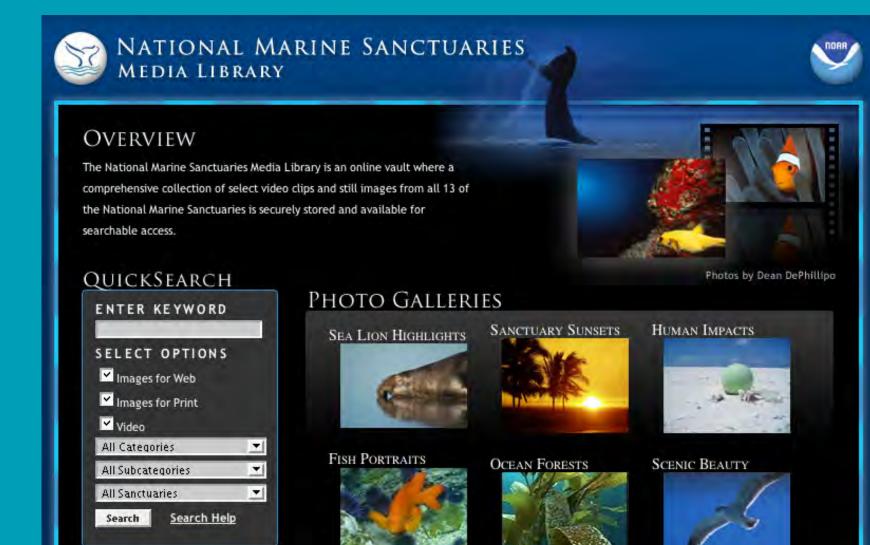
Admission: Free

Hours: Wednesday - Sunday, 10 a.m. - 4 p.m.

Best for: Family picnics, birders, amateur photographers

Expeditions in National Marine Sanctuaries on Nautilus Live





Quicktime is required to view video on this site.

User login | Administrative login

Photo by Bob Talbot

Social Media Earth is Blue Campaign

















NOAA Office of National Marine Sanctuaries

Page Liked · August 11 · @

Heads up! The whale tagging boat in NOAA's Stellwagen Bank National Marine Sanctuary got a treat when this humpback whale breached right by them. Want to see whale tagging in action? Check out our video at https://youtu.be/PdARpduN44g. (Photo: NOAA/taken under NOAA Fisheries Permit #14245) #EarthIsBlue

Like · Comment · Share

Matt McIntosh, Nicole Capps and 2,992 others like this.

Most Relevant -

⇒ 3,787 shares



Stephen Young Fantastic shot, I would have been happier with less boat and more Whale, but it is all about right place, right time. Fantastic Shot.

Like · Reply · 16 · August 11 at 8:05am

NOAA Office of National Marine
Sanctuaries Thanks, Stephen! You
can find more photos (including more
whales!) at http://sanctuaries.noaa.gov
/earthisblue.html.



Earth is Blue: daily photos...

SANCTUARIES.N...

Like · Reply · 6 · August 11 at 8:19am

View more replies



Write a comment...



Satellite and Information Service

Data in the Classroom

Home

El Nino

Sea Level

Water Quality

Coral Bleaching

Put Big Ocean Data to Work in Your Classroom!

With NOAA's Data in the Classroom, students use realtime ocean data to explore today's most pressing environmental issues, and develop problem-solving skills employed by scientists. Access online and classroomready curriculum activities with a scaled approach to learning and easy-to-use data exploration tools.



El Niño

People blame El Niño for all kinds of abnormal weather. But how does El Niño really work?

Water Quality

Changes in water quality conditions have a big impact on organisms living in estuaries. But how is water quality monitored?

Sea Level

Scientists know that global sea level is rising. But how are water levels monitored and measured to understand impacts?

Ocean Acidification

Coming Soon - new, updated module resources, curriculum and data tools.

Coral Bleaching

Coral reefs undergo bleaching when exposed to heat stress. But how do scientists measure and predict bleaching?

http://dataintheclassroom.noaa.gov

Data in the Classroom

Investigating El Niño Using Real Data

Level 1

Level 2

Level 3

Level 4

Level 5

Get Data

Teachers

Survey

El Niño

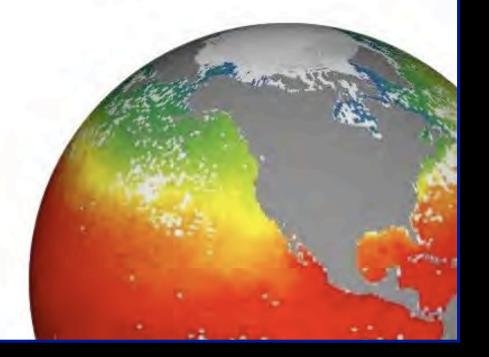
People blame El Niño for all kinds of abnormal weather. But how does El Niño really work?

This Web site features five activities at different levels to help you learn about El Niño using real data.

Teachers: start here to download the curriculum guide.

Links

- NOAA El Nino page ☑
- Science and the Sea: El Niño @



NOS Education

Building ocean, coastal, and climate literacy for students and educators.



NOS Education: Climate Stewards









http://oceanservice.noaa.gov

Sea Level Rise

This learning module is a cooperative effort between NASA's Jet Propulsion Laboratory and NOAA's National Ocean Service. It informs about sea level rise, its causes, and impacts; and challenges students to think about what they can do in response. This module features an integrated educational package of grade level-appropriate (6-12) instruction and activities centered on a 23-minute video presentation. Note that the video has scheduled pauses so educators may facilitate discussions of presented topics. Discussions will extend the total viewing time of the video.



Sea level rise module video. Scroll Down for Focus Question, 5E Learning Objectives, and NGSS (Next Generation Science Standards)
Alignment.

Focus Question: What is causing sea level rise and what can be done about it?

Pre-Video Viewing Activities

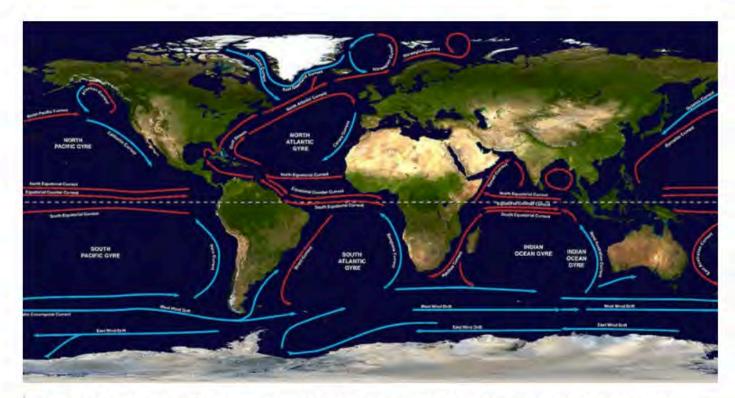
Sea Level Rise Module Guide for Educators

HOME OCEAN FACTS WHAT WE DO EDUCATION NEWS PODCASTS VIDEO IMAGES

OME * OCEAN FACTS * WHAT IS A GYRE?

What is a gyre?

A gyre is a large system of **rotating ocean currents**.



There are five major gyres, which are large systems of rotating ocean currents. The ocean churns up various types of currents. Together, these larger and more permanent currents make up the systems of currents known as gyres.

OUR WORLD OCEAN provides



THE AIR WE BREATHE



50% The ocean produces over half of the world's oxygen and stores 50 times more carbon dioxide than our atmosphere.

CLIMATE REGULATION

Covering 70% of the Earth's surface, the ocean transports heat from the equator to the poles, regulating our climate and weather patterns.

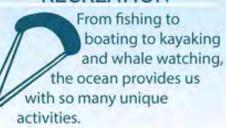


TRANSPORTATION



Percent of all U.S. trade involving some form of marine transportation.

RECREATION



ECONOMY



Amount the U.S. ocean economy produces in goods and services. Oceandependent businesses employ almost 3 million people.

FOOD

The ocean provides much more than just seafood. Ingredients from the sea are found in surprising foods such as peanut butter and soymilk.





MEDICINE

Many medicinal products come from the ocean, including ingredients that help fight cancer, arthritis, Alzheimer's disease, and heart disease.



TRASH TALK (INTRODUCTION)



WHAT IS MARINE DEBRIS? (PART 1)



WHERE DOES MARINE DEBRIS COME FROM? (PART 2)



IMPACTS OF MARINE DEBRIS (PART 3)



WHAT IS THE GREAT PACIFIC GARBAGE PATCH? (PART 4)



MARINE DEBRIS AND PLASTICS (PART 5)



WHAT CAN WE DO? (PART 6)



HANDS-ON ACTIVITY DEMO (PART 7)



TRASH TALK SPECIAL FEATURE (BONUS 1)



SEA TURTLE RESCUE UN-CUT FOOTAGE (BONUS 2)



ATTENTION GETTER STILL IMAGE (BONUS 3)

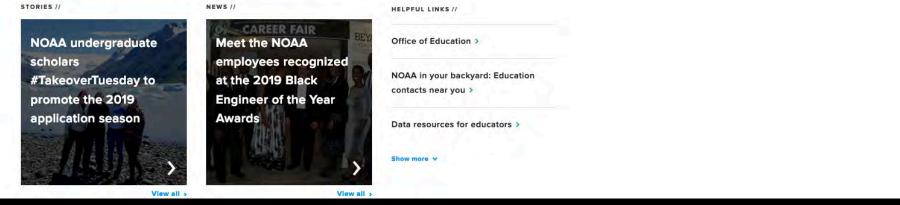
Ocean Today Videos



25

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Resource collections

Resources to help integrate NOAA science into formal ar

Education resources are distributed across many websites and program offices at NOAA and partner websites. This portal is designed to help you access these resources from one location. Materials are organized by themes aligned with common teaching topics. Learn more about how we designed these collections.

Ocean & coasts

Physical and chemical processes of ocean and coastal areas.

- Gulf oil spill
- Ocean acidification
- · Ocean currents
- Ocean floor features
- Ocean pollution
- Tides
- Tsunamis

Weather & atmosphere

Earth's climate system and concepts related to climate variability.

- · El Niño
- Hurricanes

Climate

Earth's climate system and concepts related to climate variability.

- · Carbon cycle
- · Changing seasons
- · Climate change impacts
- Climate monitoring

Marine life

Biology, habits, and threats to organisms that live in aquatic environments.

- · Aquatic food webs
- · Coral reef ecosystems
- · Life in an estuary
- · Marine mammals
- · Sea turtles

Freshwater

Sources, processes, and threats to freshwater environments and drinking water.

- · Great Lakes ecoregion
- Water cycle
- · Watersheds, flooding & pollution

Elementary science

Bring NOAA resources to your kindergarten through fifth-grade students.

- · Earth science
- · Life science
- NOAA careers
- Physical science
- Scientific process



◆HOME ◆EDUCATION ◆RESOURCE COLLECTIONS ◆OCEAN & COASTS EDUCATION RESOURCES

Ocean pollution

Each year, billions of pounds of trash and other pollutants enter the ocean.

Education ocean education marine debris

Where does this pollution come from? Where c beaches, washed in with the waves and tides, that mistake it for food, and some accumulates impact the health of the ocean come from a sir accumulation of many dispersed sources, such

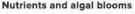
The majority of pollutants going into the ocean come from activities on land. Natural processes and human activities along the coastlines and far inland affect the health of our ocean. One of the biggest sources is called nonpoint source pollution, which occurs as a result of runoff. Nonpoint source pollution includes many small sources, like septic tanks, cars, trucks, and boats, plus larger sources, such as farms, livestock ranches, and timber harvest areas. Pollution that comes from a single source, like an oil or chemical spill, is known as point source pollution. Often these events have large impacts, but fortunately, they occur less often. Discharge from faulty or damaged factories or water treatment systems is also considered point source pollution.



Beach cleanups help keep microplastics out of the garbage patches

These days plastic seems to be everywhere; unfortunately, that includes many parts of the ocean...

Read more



Sometimes it is not the type of material, but its concentration that determines whether it is a pollutant. For example, the nutrients nitrogen and phosphorus are essential elements for plant growth. However, if they are too abundant in a body of water, they can stimulate an overgrowth of algae, triggering an event called an algal bloom. Some algal blooms can be harmful to humans or marine life. Excess nutrients entering a body of water, either through natural or human activities, can also result in hypoxic or dead zones. When large amounts of algae sink and decompose in the water, the decomposition process consumes oxygen and depletes the supply available to healthy marine life. Most of the marine species that live in these areas

LESSONS & ACTIVITIES

NOAA Marine Debris (ES, MS, HS) >

Winged Ambassadors: Plastic pollution through the eyes of albatross (MS, HS)

The Oil Spill: The rest of the story (MS, HS) >

Show more V

MULTIMEDIA

Video: Regional Emmy® Award-Winning TRASH TALK (15 min) >

Podcast: Garbage Patches: How Gyres Take Our Trash Out to Sea (10 min) →

Video: Students offer solutions to marine debris problems in Great Lakes (6 min) >

Show more y

REAL WORLD DATA

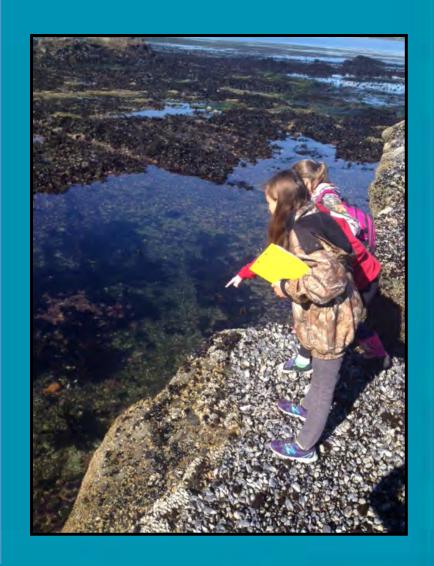
Pollution incident map

Marine Debris Tracker 2

Ocean sound pollution maps

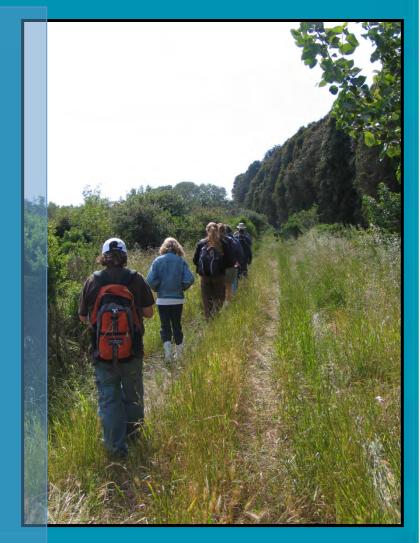
Priorities

- PRIORITY 1- MWEE
 Implementation in
 School Districts
 (Professional
 development for
 teachers and student
 experiences
- PRIORITY 2- MWEEs for Students
- PRIORITY 3- Teacher
 Professional
 Development for MWEEs



Eligible applicants

- Schools and school systems
- State organizations
- Institutions of higher education
- Non-profit
- State and county agencies



Geographic boundaries

Monterey Bay watershed—the counties of San Mateo, Santa Cruz, Santa Clara, Monterey, San Benito, and San Luis Obispo

San Francisco Bay watershed—the counties of Marin, San Francisco, Alameda, Contra Costa, Sonoma, Mendocino, Humboldt, Del Norte, Trinity, Napa and Santa Rosa

Santa Barbara Channel watershed—the counties of Santa Barbara and Ventura



How Much/How Long

- Up to \$950,000
 - \$400,000 San Francisco Bay area
 - \$325,000 Monterey Bay area
 - \$225,000 Santa Barbara area
- Priority 1- Up to \$100,000 for up to three years
- Priority 2 and 3- Up to \$60,000 one year, with renewal
- Funds will cover staff time, bus transportation and equipment



Application Package

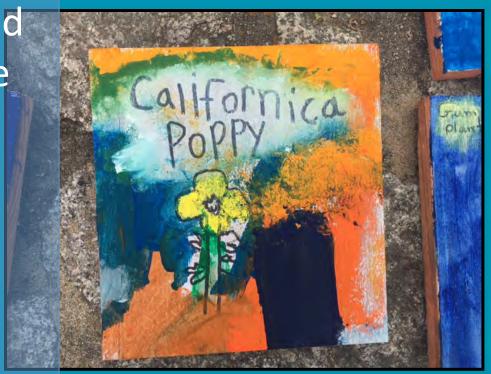
- Content
- Budget
- Evaluation



How to Apply

 Required forms and components of the grant (FFO)

- Register with Grants.gov
- Register with SAM
- Talk to me!



Timeline

- Due April 5, 2019
 - Award notices
 - Unsuccessful notifications
 - Start date- August 1, 2019

Priority 1- August 1, 2019-July 31, 2022)

Priority 2 and 3- August 1,
 2019- July 31, 2020



Review Process

- Preliminary review
- Technical review
- Panel review

Check the evaluation criteria!



How to Write a Grant

- Is it a good match?
- Is there a need?
- Grant writing tips



Questions

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