

# NOAA CoastWatch Drupal 9 Website



**CoastWatch Central Operations**



# Website Development Team

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- Veronica Lance – Project Manager
- Jebidiah Jeffery – Developer
- Michael Soracco – Developer
- V Wegman – Accessibility Editor

# What is Drupal 9?

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- Drupal is a type of Content Management System (CMS)
  - Uniform website design to incorporate wide range of content
  - Easy creation and maintenance of web content
  - Includes user role-based permissions for managing content
    - Science Team, Associates, etc
  
- Why Use Drupal as CMS?
  - Open-source community (no cost outside of development)
  - Powerful customization of website using extensions
  - More flexibility than other CMS (such as WordPress)

# Motivations For Developing New Website

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- Operational website is running on outdated Drupal 7
  - Lacks modern design and accessibility features
  - Drupal 7 end of life in November 2022
  
- User feedback indicated need for reworked website
  - Difficult for novice and outside users to find data products
  - Product overview pages difficult to navigate and lack consistency

# Website Requirements and Features

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- Modern Design
  - Simple, Responsive (mobile-friendly), and Accessible
- Easy Website Navigation
  - Organized content
  - Simple home page, menus, and layout
- Taxonomy-based Content System
  - Dictionary of terms shared by multiple content items
  - Tagging similar content for better filtering and organization

# Home Page - Guiding Users towards CoastWatch Data

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- URL: [Home Page](#)
- An modern, organized, introduction to CoastWatch
  - Welcoming to all users
- Goal oriented approach
  - Help all users find and/or learn how to use CoastWatch Data
  - Provide ideas for newcomers on potential applications

# CoastWatch Product Search Tool - Guiding Users To Data

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- URL: [CoastWatch Product Search Tool](#)
- Modern and robust product filtering application
  - Search panes for guiding users to their product of interest
- Modular Approach to product pages
  - Flexible display of information

# CoastWatch Product Glossary - Aiding User Searches

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- URL: [CoastWatch Product Glossary](#)
- Taxonomy-based tags that double as a robust glossary
  - Shared content across multiple product pages
- Educational resource for new users
  - News users can learn more about instruments, satellites, etc



# CoastWatch News - Unified System

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- URL: [CoastWatch News](#)
- One-stop shop for all CoastWatch news
  - Announcements, gallery images, users stories, etc
  - Sidebar appears throughout most pages to keep users informed
- UI designed for easy skimming of articles
  - Helps users find potential news quickly

# CoastWatch Learning Portal - Welcoming All Users

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- URL: [CoastWatch Learning Portal](#)
- Landing Zone for all learning resources
  - User Guides, Training Courses, etc
- Better organization of existing resources
  - Training courses listed with area of focus

# CoastWatch User Stories - Motivating New Users

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- URL: [CoastWatch User Stories](#)
- Provides new users with potential data applications
  - May provide a starting point for using CoastWatch Data
- Categorization based on data applications
  - Helps guide users to stories that are most relevant to their goal

# Website Feedback - Any Suggestions Help Our Team

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- We wish to properly represent all of CoastWatch
- Feedback Option #1: [Google Doc](#)
- Feedback Option #2: [Google Form](#)
- Feedback Option #3: [Email](#)

**Any Questions?**