



Wetlands Classification Image Gallery



What is it?

The Wetlands Classification Imagery Gallery is a compilation of wetland images and corresponding information for the FGDC maintenance review of the current National Wetlands Classification Standard (a.k.a. Cowardin et al. 1979). The gallery provides an image framework for the classification of the various and multitude of possible wetland habitats.

Intent /purpose of the gallery

- To support an updated and more robust version of the images critical to the widespread use of the Cowardin Classification System.
- To take advantage of the power of readily available geo-coding applications now incorporated into mobile phone technology, web applications, etc.
- To harness the power of the wetlands stakeholder community to provide current, geo-coded imagery in support of a national classification standard.

SYSTEM Upland
 CLASS: Forested Wetland
 SUBCLASS: Dead
 Location: Rolla, MO
 Date: May 2010
 Photo by L. Handley



SYSTEM Palustrine
 CLASS: Forested Wetland
 SUBCLASS: Dead
 Location: Humphreys County, TN
 Date: September 1975
 Photo by V. Carter

In addition to images, participants will submit information such as the dominant and scientific plant names, wetland category, National Wetlands Inventory Classification code (if known), and locational information. Easy-to-use templates are available to facilitate field use and submission

How easy is it to submit imagery?

The gallery has been designed to facilitate submission and retrieval of documented images to support future wetland classification efforts. Submissions will be reviewed by wetland experts who will confirm the classification codes.

Who are the sponsors of the gallery?

- Environmental Protection Agency
- Fish and Wildlife Service
- United States Geological Service
- Association of State Wetland Managers – Wetland Mapping Consortium

Who can contribute?

The general public, academic researchers and students, government personnel, wetland scientists, geographers, environmentalists, and other interested parties are encouraged to contribute to the Wetlands Classification Image Gallery.

The screenshot shows the website interface with navigation tabs: Main Page, Gallery Information, NWI Guide, Review Process, and Image Submission. The main content area displays a large image of a wetland with reeds. To the right, there is a 'Wetland Information' section with the following details:

- Wetland Category: Submerged and Floating Aquatics
- NWI Classification: E1A3L

Below this is an 'Image Data' section:

- Date: [blank]
- Direction: Looking east
- Location: In Tampa Bay on east side of Weedon Island
- Description: Submerged Aquatic in Tampa Bay Estuary. A continuous bed, greater than 1 acre, of seagrass

At the bottom, there is a 'Conditions' section:

- Conditions: Seagrass in this location are in good condition and are gradually re-establishing and beds are expanding after decades of habitat contraction and degradation.

There are also fields for 'Dominant Plants' (Turtle Grass) and 'Scientific Name' (Thalassia testudinum), and a 'Disturbances' field (None). A map of the location is shown in the bottom left corner.

www.wetlandgallery.cnlworld.org

Larry Handley, USGS
larry_handley@usgs.gov

Bill Wilen, FWS
bill_wilen@fws.gov