

## PI CONVENTIONS

### AUGUSTA NW 1:40K WETLAND AND UPLAND MAPPING

1. Upland classification will utilize the system put forth in, A Land Use and Land Cover Classification System For Use With Remote Sensor Data, by James R. Anderson, Ernest E. Hardy, John T. Roach, and Richard E. Witmer.
2. Level I and Level II will be used for all classes except for Water (5), and Wetland (6). The NWI classifications will be used for these classes. Other portions of the system, Tundra (8), and Perennial Snow or Ice (9), will not be utilized.
3. The minimum mapping unit for uplands will be 10 acres.
4. Transportation Corridors (14) will not be delineated except where they bisect a wetland (See Example 1). The section of roadway that splits the wetland will be delineated and classified. Primary state roads and interstate highways (indicated as red on topographic maps) will be included, however, there will be no attempt to delineate breaks for smaller roads. If the polygons were not classified, the surrounding upland classification would automatically be assumed to have caused the wetland break resulting in substantial false wetland acreage.
5. Long distance powerline cuts will not be included in the Transportation, Communications, and Utilities section of the upland classification system. Section 14 of the classification system states that "Long distance gas, oil, electric, telephone, water, or other transmission facilities rarely constitute the dominant use of the lands with which they are associated.
6. Soil surveys and topographic maps will be used as collateral data. Split classes will be used sparingly.
7. Wetland mapping will adhere to existing NWI mapping conventions.

South Carolina Land Use and Land Cover Classification System

Level I		Level II	
1	Urban or Built-up Land	11	Residential
		12	Commercial and Services
		13	Industrial
		14	Transportation, Communications, and Utilities
		15	Industrial and Commercial Complexes
		16	Mixed Urban or Built-up Land
		17	Other Urban or Built-up Land
2	Agricultural Land	21	Cropland and Pasture
		22	Orchards, Groves, Vineyards, Nurseries, and Ornamental Horticultural Areas
		23	Confined Feeding Operations
3	Rangeland	31	Herbaceous Rangeland
		32	Shrub and Brush Rangeland
4	Forest Land	41	Deciduous Forest Land
		42	Evergreen Forest Land
		43	Mixed Forest Land
5	Water	NWI Classification System	
6	Wetland	NWI Classification System	
7	Barren Land	71	Dry Salt Flats
		72	Beaches
		73	Sandy Areas other than Beaches
		74	Bare Exposed Rock
		75	Strip Mines, Quarries, and Gravel Pits
		76	Transitional Areas
		77	Mixed Barren Land
8	Tundra	81	Shrub and Brush Tundra
		82	Herbaceous Tundra
		83	Bare Ground Tundra
		84	Wet Tundra
		85	Mixed Tundra

## NWI Wetland Community Types

### Aquatic Bed

- PAB4F,H - Shiny pink signature.  
duckweed, duckmeal

### Emergents

- PEM1A,C - grasses, sedges, carex
- PEM1F - typha, juncus, rushes

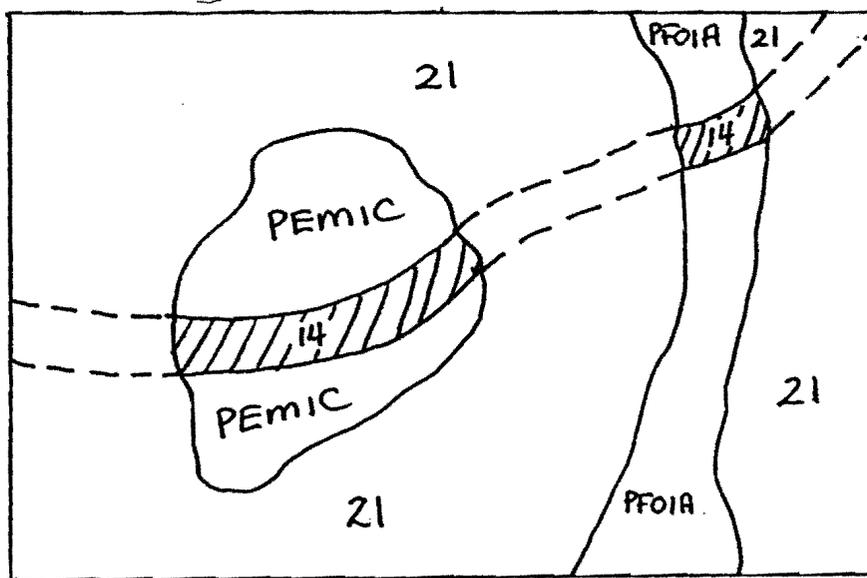
### Scrub-Shrub

- PSS1A - red maple, willow oak, cottonwood
- PSS1C - water oak, willow oak, green ash
- PSS1F - willow, overcup oak, water oak
- PSS1/4A - red maple, willow oak, loblolly  
pine

### Forested

- PFO1A - Deciduous trees are leaves off on  
this photography. They are blue-  
gray in signature.  
red maple, yellow poplar,  
cottonwood, pecan
- PFO1C,F - Deciduous trees are leaves off on this  
photography. Seasonal trees are on the  
floodplains and in isolated pockets of  
certain soil types.  
willow oak, water oak, red maple,  
willows, overcup oak
- PFO6C,F - Mixture of blue-gray and fluffy white  
crowns.  
cypress, water oak, willows, willow  
oak, red maple
- PFO1/4,4/1A - Mix of blue-gray signature with the  
brickred of needle leaved evergreens.  
loblolly pine, red maple, yellow  
poplar, pecan, willow oak

EXAMPLE 1



14  - Primary highways  
Interstate highways

--- Roads will be overlaid during  
a later phase of mapping

21 Crop and pastureland