

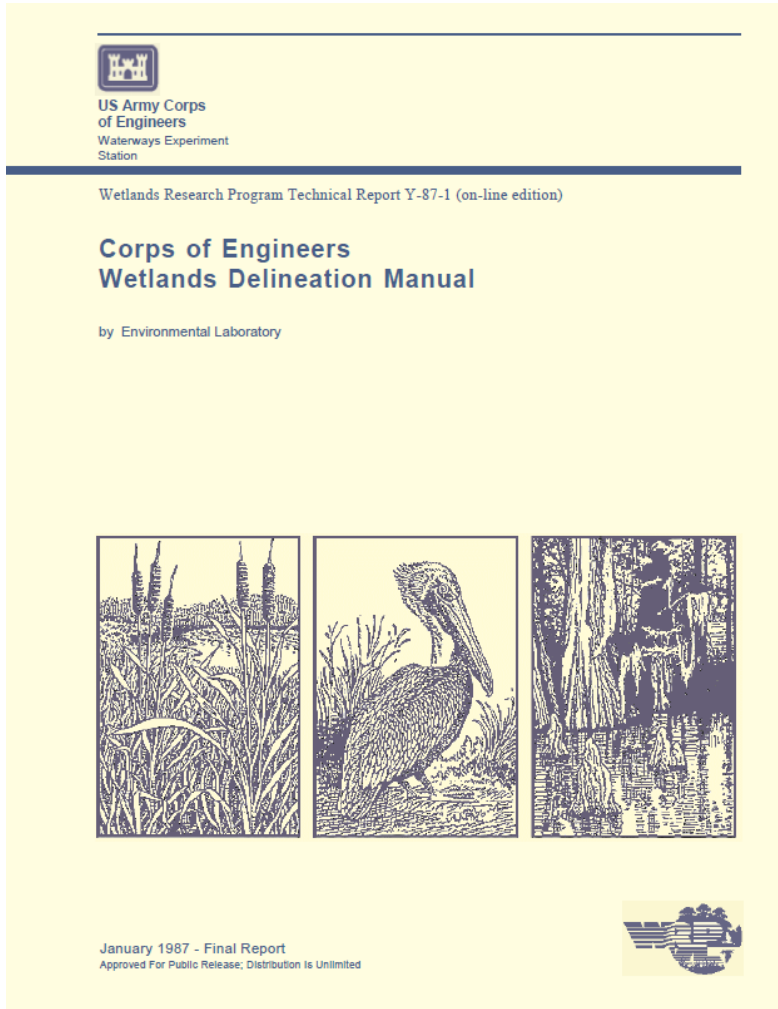
# REGIONALIZATION OF FEDERAL WETLAND DELINEATION

WOTUS REGIONAL CONCEPT PRE-WORKSHOP 1  
JUNE 21, 2022

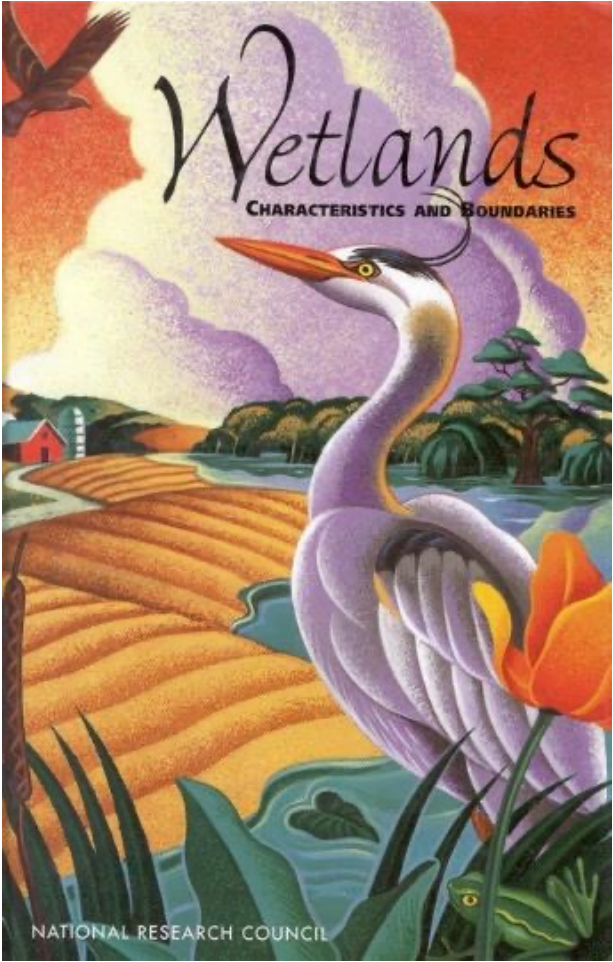
Kyle Gordon  
Program Manager | Wetlands Regulatory Assistance Program  
U.S. Army Engineer Research and Development Center



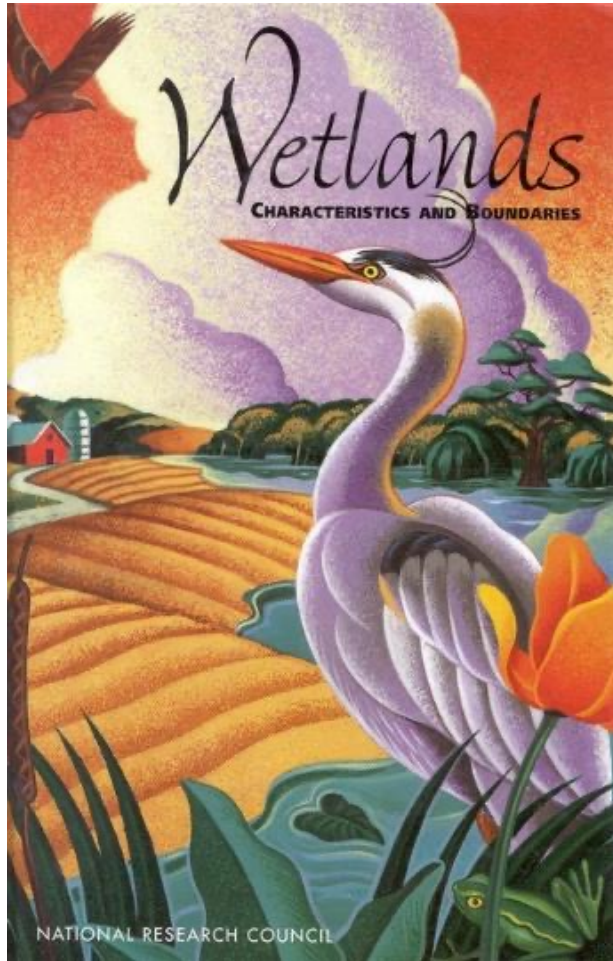
# BACKGROUND | 1987 MANUAL



# REGIONALIZATION | NRC REPORT



# REGIONALIZATION | NRC REPORT



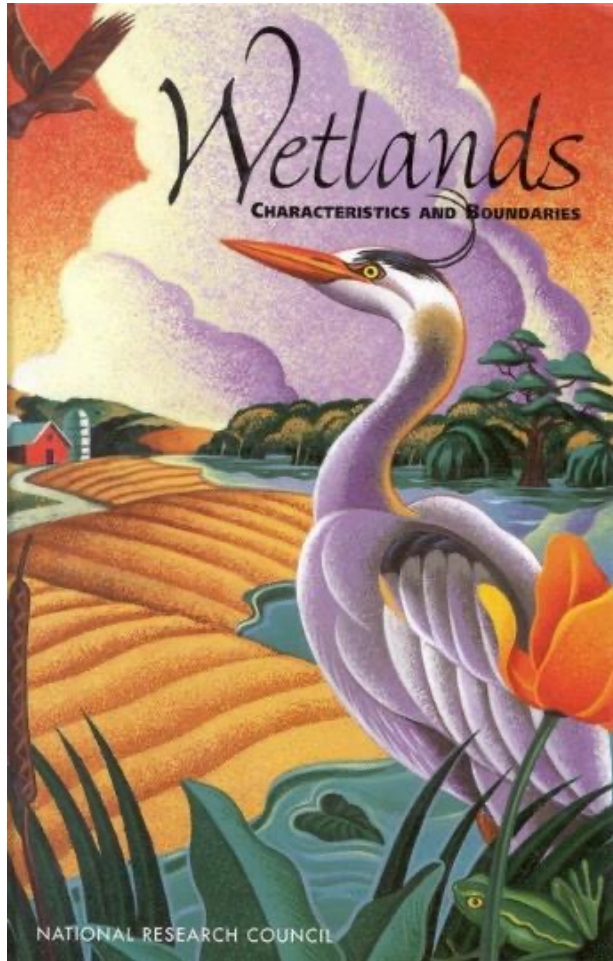
**“ Wetlands vary regionally to a great extent; regulatory systems must acknowledge this variation.**

Regional protocols should conform with national standards that ensure consistency among regions.

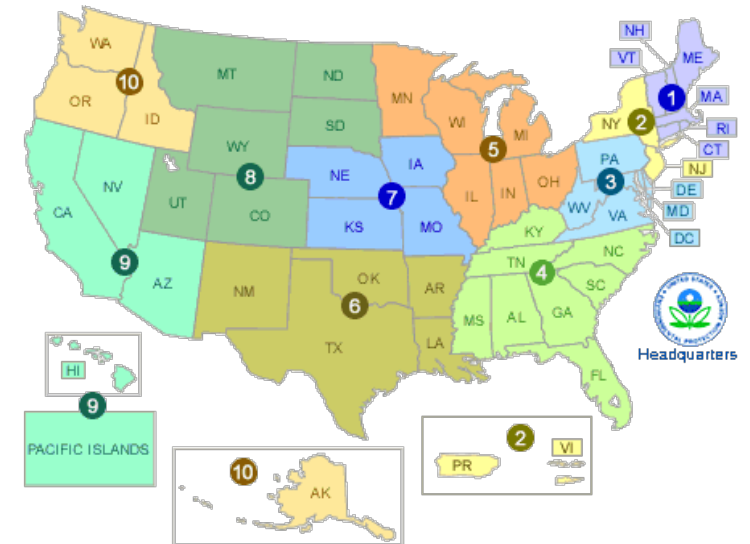
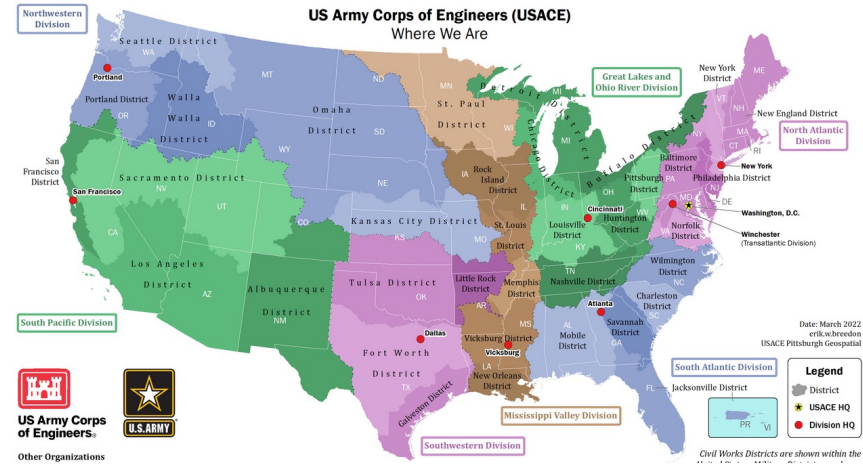
**Regional delineation practices should be based on regional research and documentation.**

Regionalization... would require the identification of areas with some degree of homogeneity in wetland characteristics and the development of specific regional procedures or indicators ”

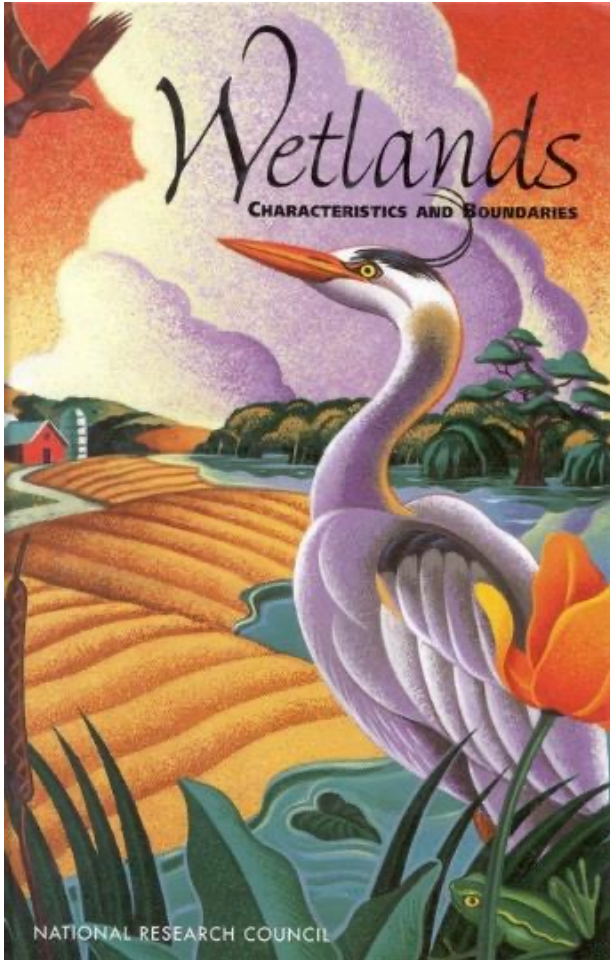
# REGIONALIZATION | NRC REPORT



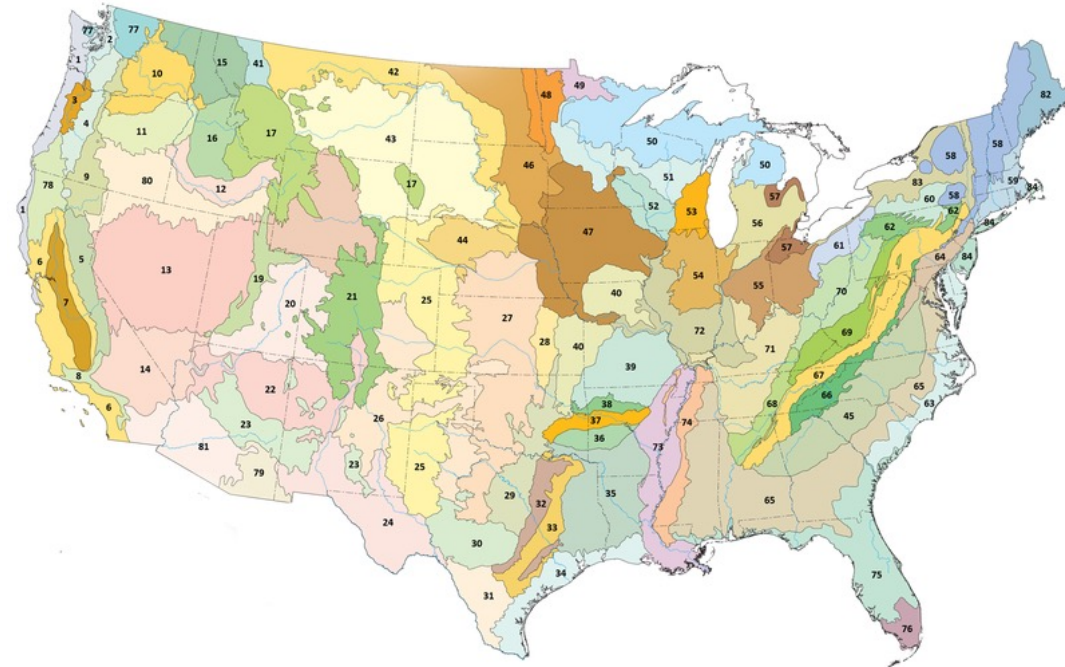
- Agency regional boundaries (FWS/EPA regions, USACE districts)



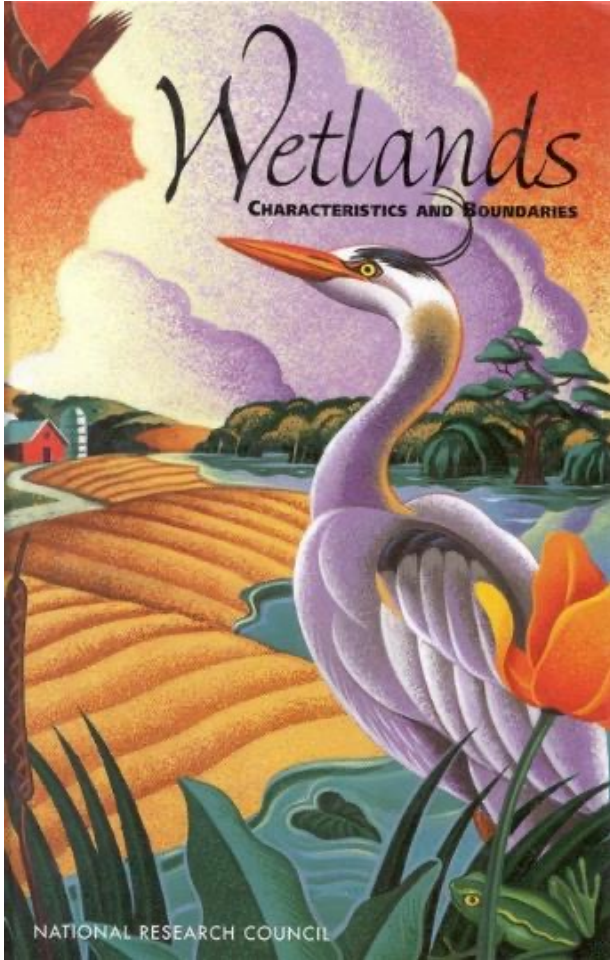
# REGIONALIZATION | NRC REPORT



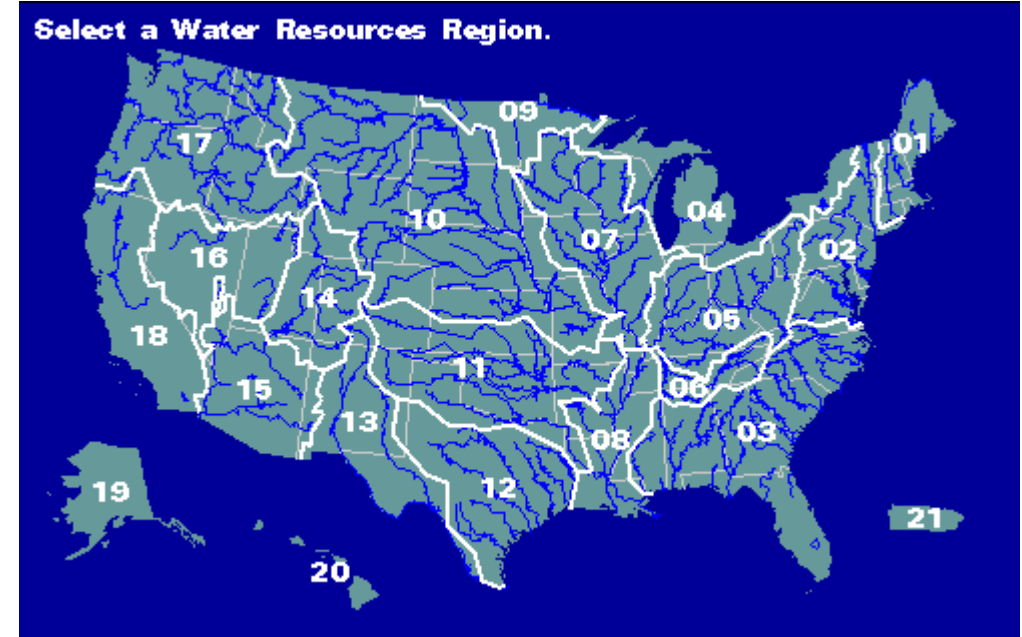
- Agency regional boundaries (e.g., FWS regions, USACE districts)
- EPA Ecoregions



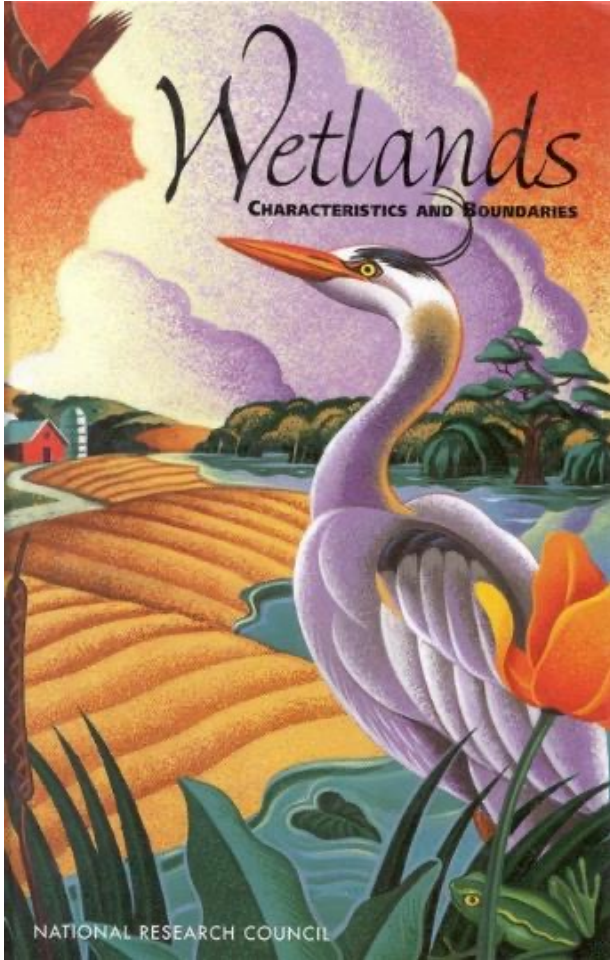
# REGIONALIZATION | NRC REPORT



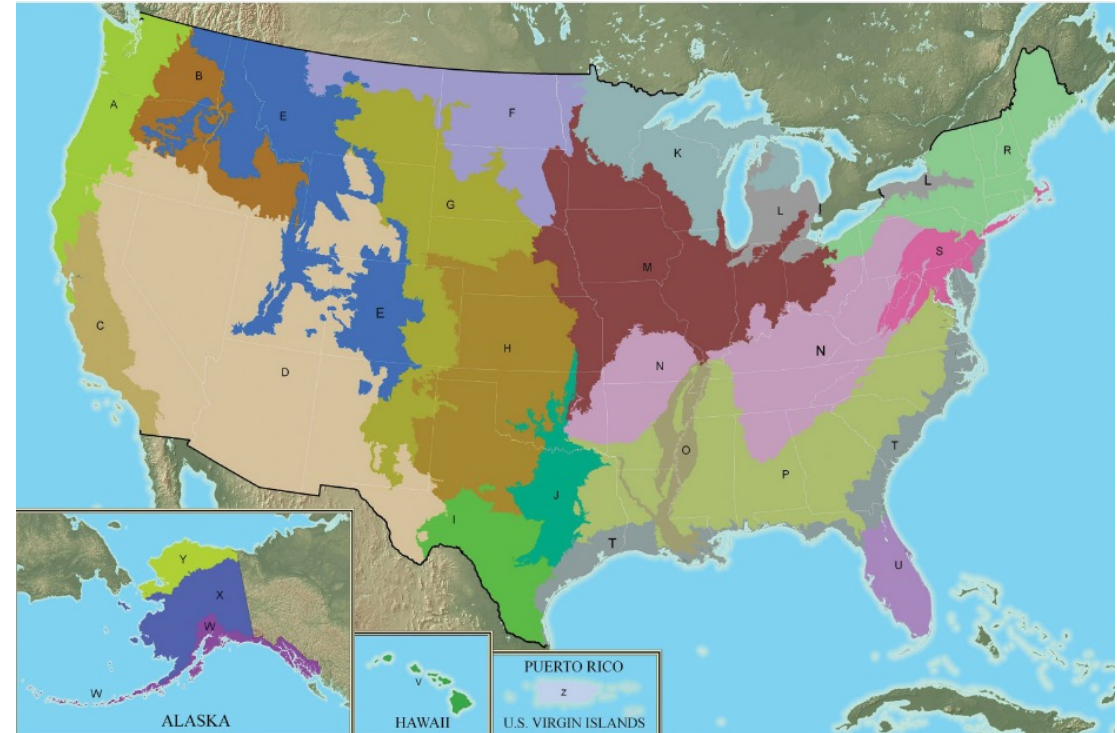
- Agency regional boundaries (e.g., FWS regions, USACE districts)
- EPA Ecoregions
- USGS Hydrologic Unit Maps



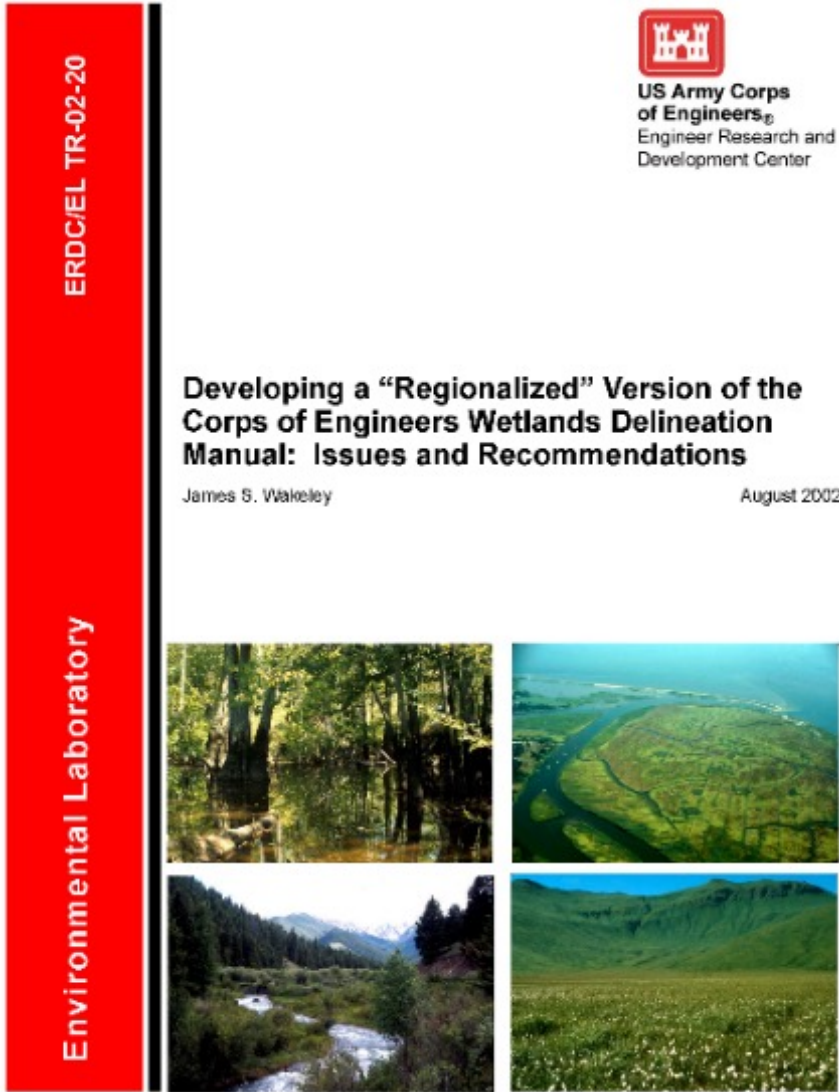
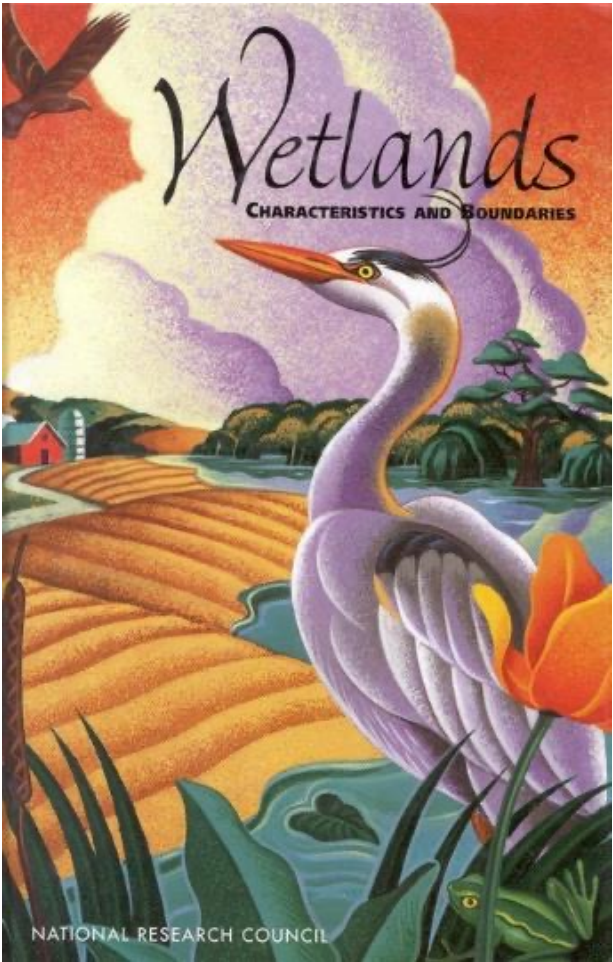
# REGIONALIZATION | NRC REPORT



- Agency regional boundaries (e.g., FWS regions, USACE districts)
- EPA Ecoregions
- USGS Hydrologic Unit Maps
- USDA Land Resource Regions



# REGIONALIZATION | USACE RECOMMENDATIONS

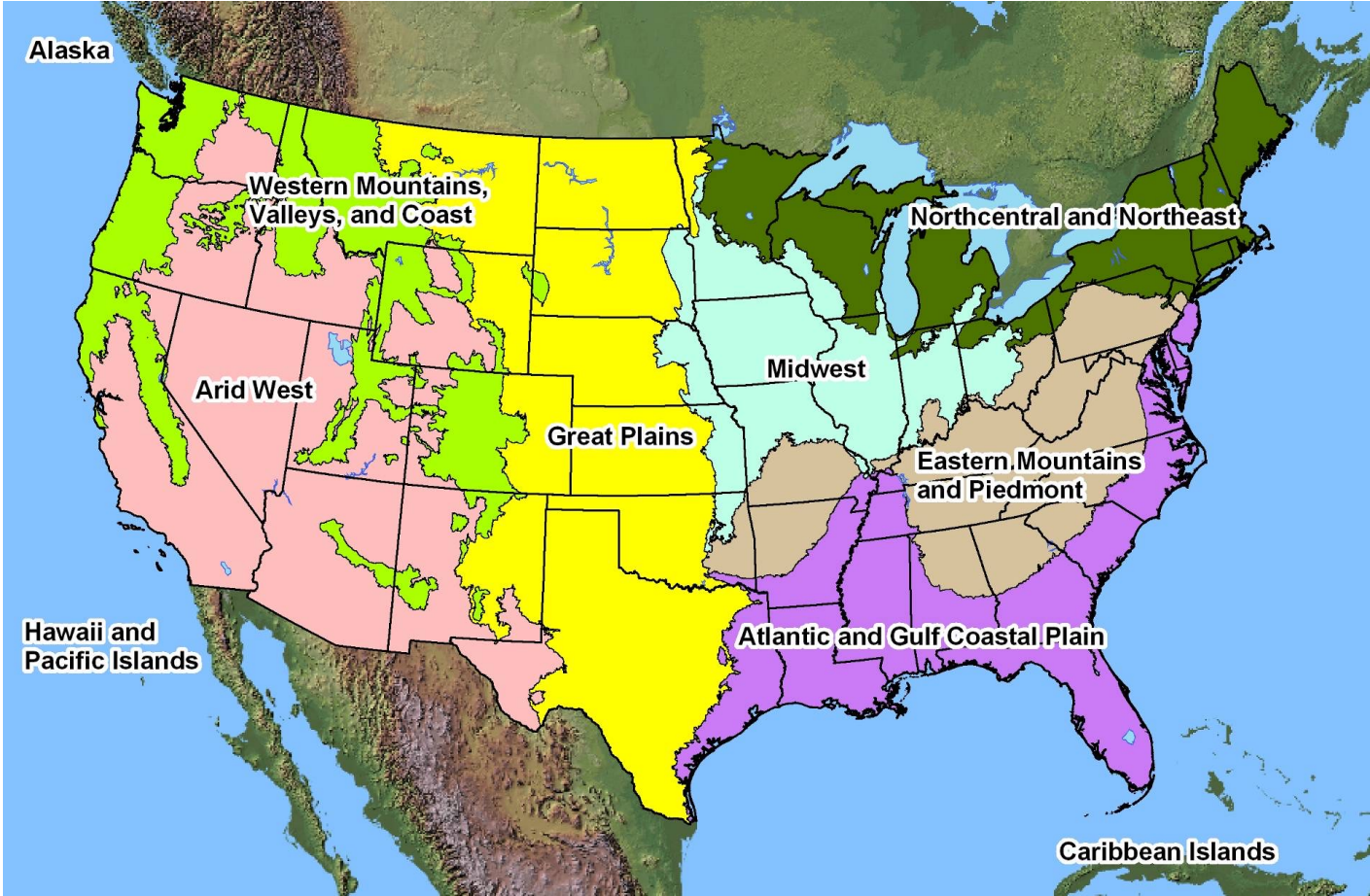


# REGIONALIZATION | USACE RECOMMENDATIONS

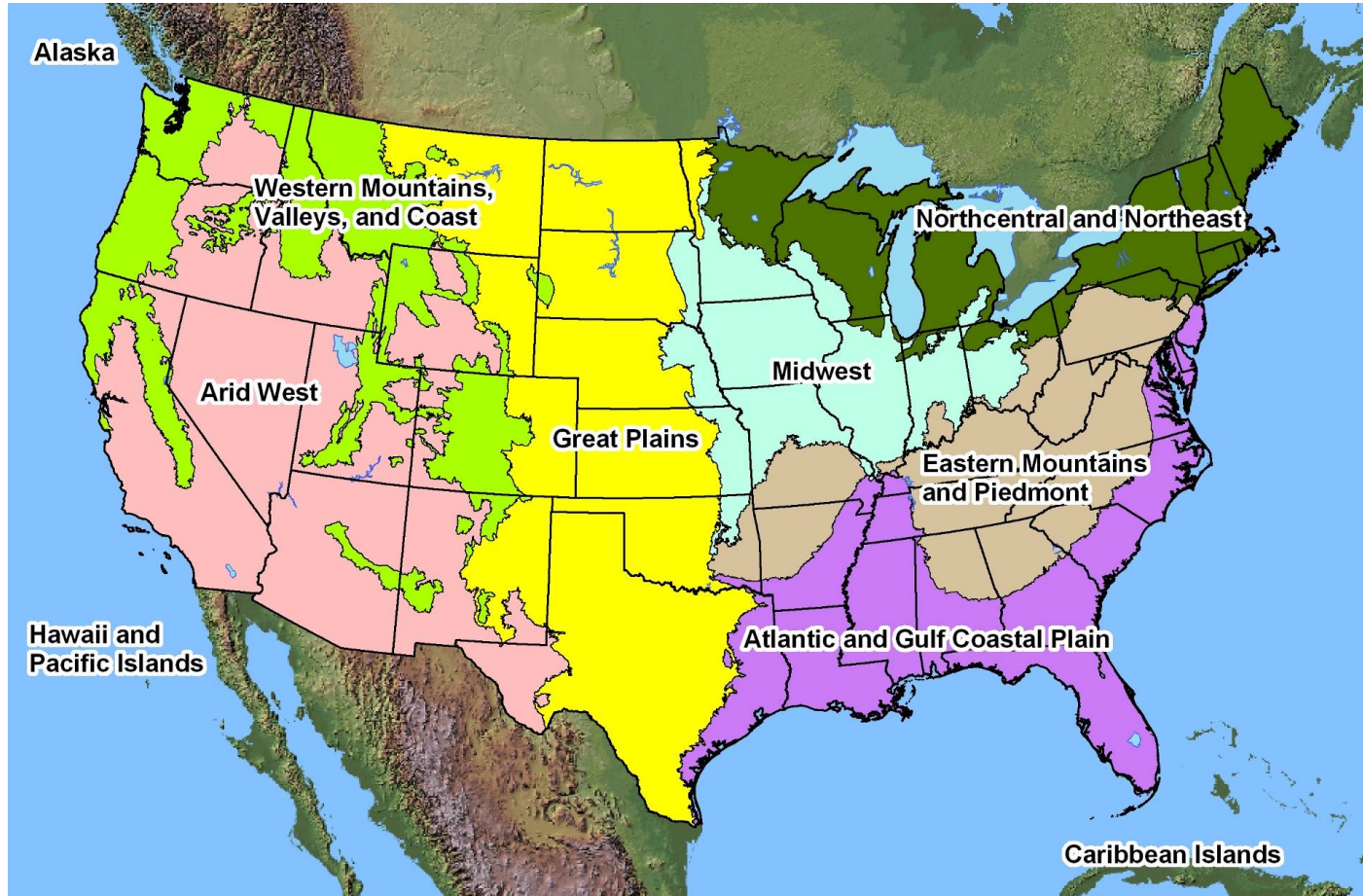
- Move from national hydric soil indicators in 1987 Manual to NTCHS' LRR-based *Field Indicators of Hydric Soils in the United States*
- Current NWPL regions (FWS office boundaries) should be replaced with the same regional classification system as soils and hydrology



# REGIONALIZATION | USACE WETLAND DELINEATION REGIONS

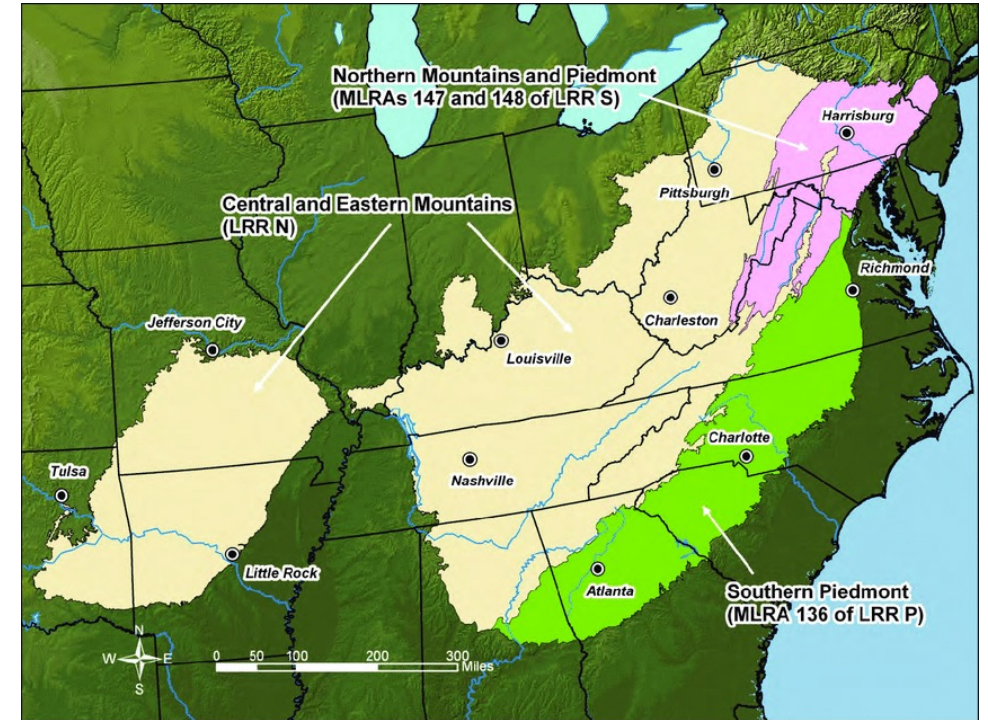
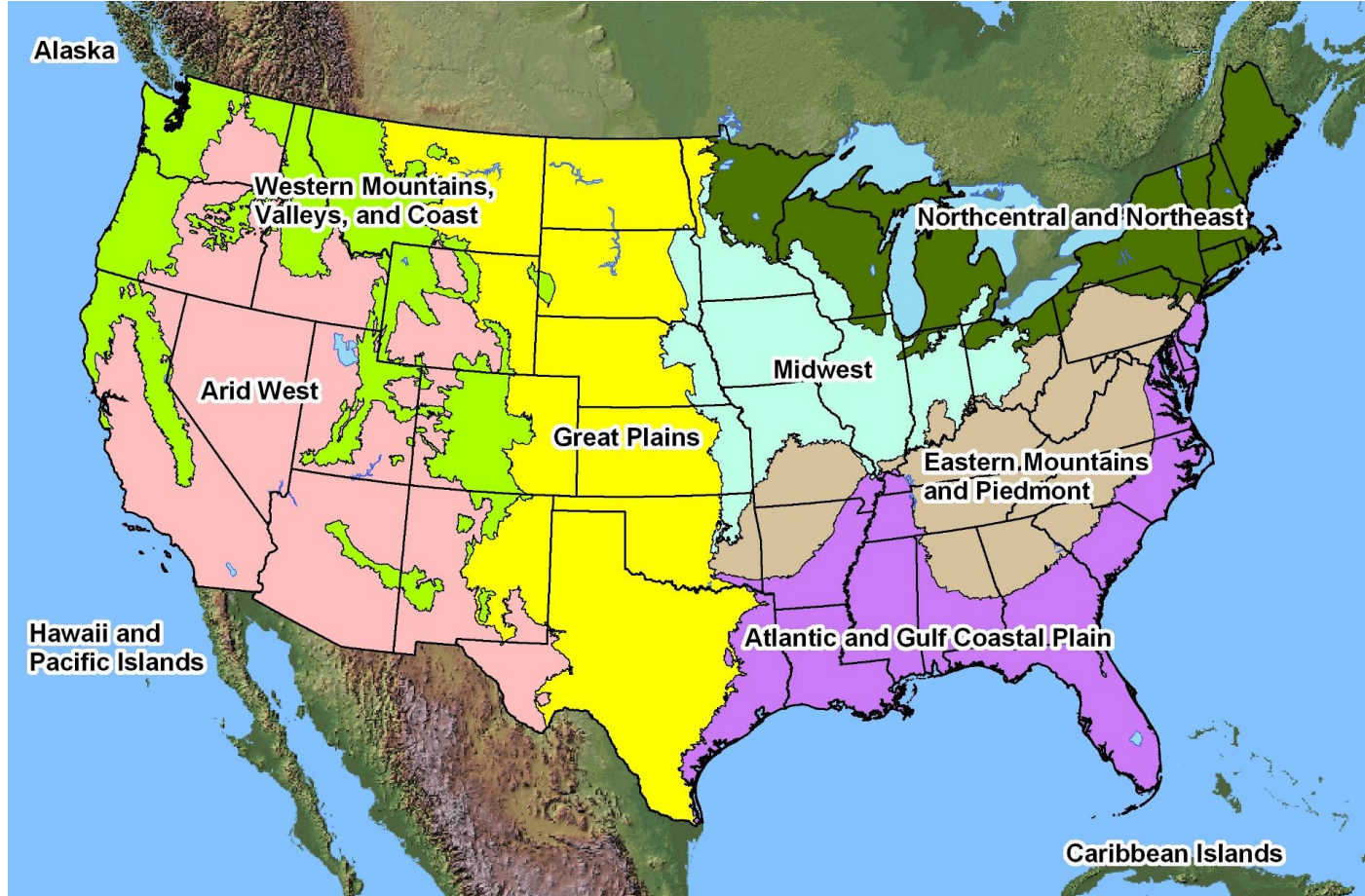


# REGIONALIZATION | USACE WETLAND DELINEATION REGIONS



- Accounts for anthropogenic influences
- Aligns with NCHS' *Field Indicators of Hydric Soils*
- Provide meaningful regionalization without being overly specific

# REGIONALIZATION | USACE WETLAND DELINEATION REGIONS



# NRC WETLANDS CHARACTERISTICS AND BOUNDARIES



## ERDC DEVELOPING A REGIONALIZED MANUAL



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