

their value for acquisition or restoration as protected wetlands.

- Conduct research, development, and evaluation in key areas. Research and monitoring should be part of any long-term effort to protect and restore wetlands, now and as the climate changes. Congress could encourage agencies to incorporate research on wetlands into their U.S. Global Change Research Program efforts (see ch. 3). Congress could also direct the Department of the Interior to include an assessment of wetlands and periodic monitoring for the effects of climate change in the proposed National Biological Survey (see ch. 5).

CHAPTER 4 REFERENCES

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WETLANDS-FIRST STEPS

- Revise the Clean Water Act
 - Make the *wetland* protection mandate specific in Section 404 or elsewhere.
 - Ensure that more land is set aside for protection or restoration than is destroyed.
 - Establish uniform standards for mitigation activities.
- Develop and implement priority plans to coordinate wetland protection across agencies
 - Build on existing plans under various agencies (i.e., the U.S. Army Corps of Engineers, the Fish and Wildlife Service, the Environmental Protection Agency, and the U.S. Department of Agriculture).
 - Direct agencies to use the priority plan in issuing permits (under Section 404 of the Clean Water Act) and acquiring land and easements (through the Swampbuster and wetlands Reserve Program and other programs).
 - Coordinate planning and management for wetlands at the watershed level.
- Ensure that all Federal policies and incentives are consistent with wetland protection
 - Extend the Coastal Barrier Resources Act to include coastal wetlands.
 - Require the Fish and Wildlife service to issue Volume 2 of *The Impact of Federal Programs* a report mandated in the 1986 Emergency wetlands Resources Act.
 - Restore the wetlands Reserve Program at least to authorized levels; target wetlands in high-priority areas.
 - Restore tax incentives to private landowners who grant conservation easements.

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