



Benefits of Refuges and Managed Wetlands

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Wetlands are...



Wetlands are...



Understanding wetland value

- Identify and quantify their many benefits to humans and nature
- Collect rich human experiences
- Cultural and ethical beliefs in stewardship of these remaining lands, public trust



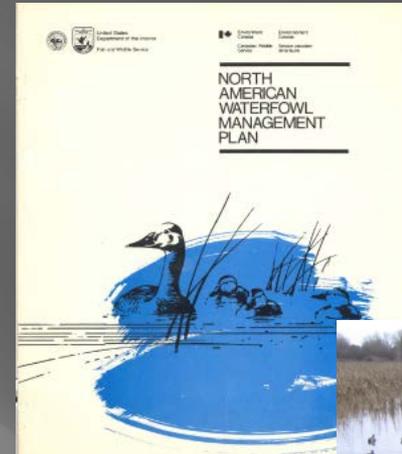
Wetlands benefit our ecosystems

- Food, water, rest, nesting along the Flyway
- Habitat stronghold for wetland-dependent flora and fauna, especially in dry years
- Preservation and recovery of listed species
- Supports biodiversity
- May improve water quality for downstream fish by removing salts and filtering contaminants



Wetlands benefit us

- Regulatory compliance and relief
- Water management flexibility
- Flood control
- Water quality
- Recreation
- Economic benefits
- Education



THEY CAME TO SHOOT
A HISTORY OF CALIFORNIA DUCK CLUBS
AND WETLAND CONSERVATION



Frank A. Hall



All this...with very little water

- Refuges need barely 4% of California's overall developed water supply, on average
- Most of that water returns to the system to supply other uses
- Peak water demand in winter offsets peak agricultural irrigation demand in summer.

