

Acadia National Park



Managing Coastal and Marine Resources

Acadia National Park

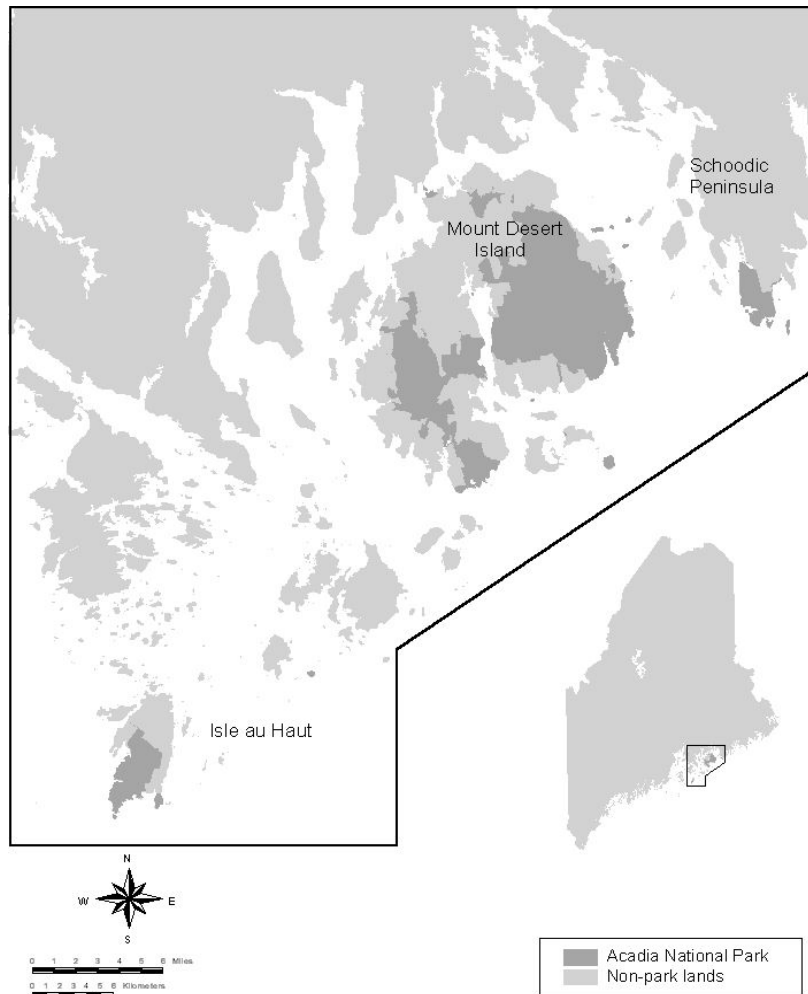
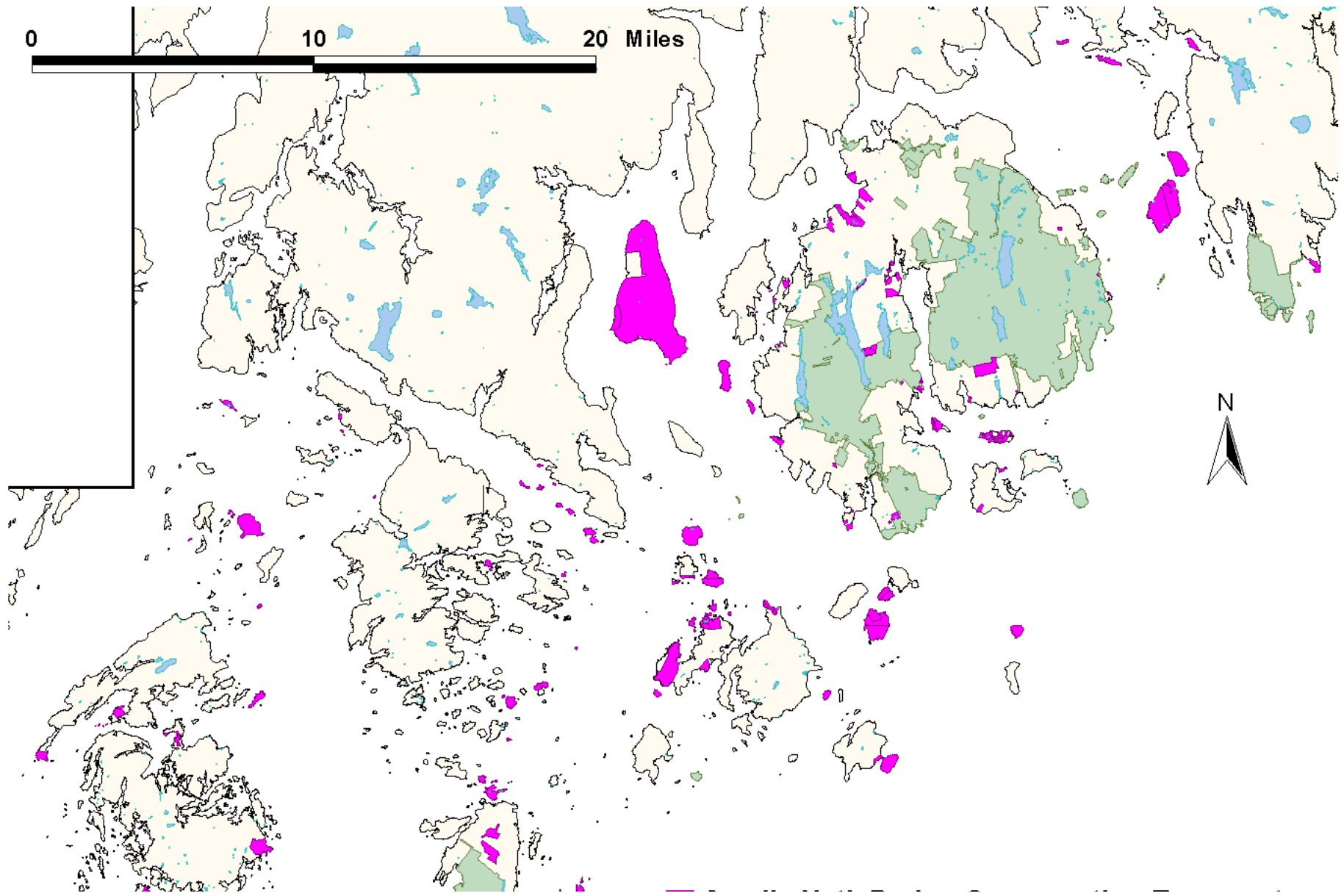


Figure 1: Acadia National Park

Park Setting

- ~37,500 acres in size
- Majority of park fee lands located on 19 islands
- 19 towns located within park boundary
- 10,000 year-round and 40,000 summer residents
- 2.7 million visitors to the park in 2015
- 65 miles of marine shoreline
- 206 easements – 12,500 acres, including 122 islands

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Jurisdiction



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Conservation Easements

- Protect scenic, ecological, and cultural resources
- Preserve open, natural, or traditional appearance of shorefront
- Limit year-round and seasonal residential and commercial development consistent with island's natural qualities and traditional land uses



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Issues for management:

- Increased use of the intertidal zone
- Commercial harvesting – rockweed, clams, worms
- Commercial aquaculture leases - adjacent to easements
- Climate change



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Intertidal Zone



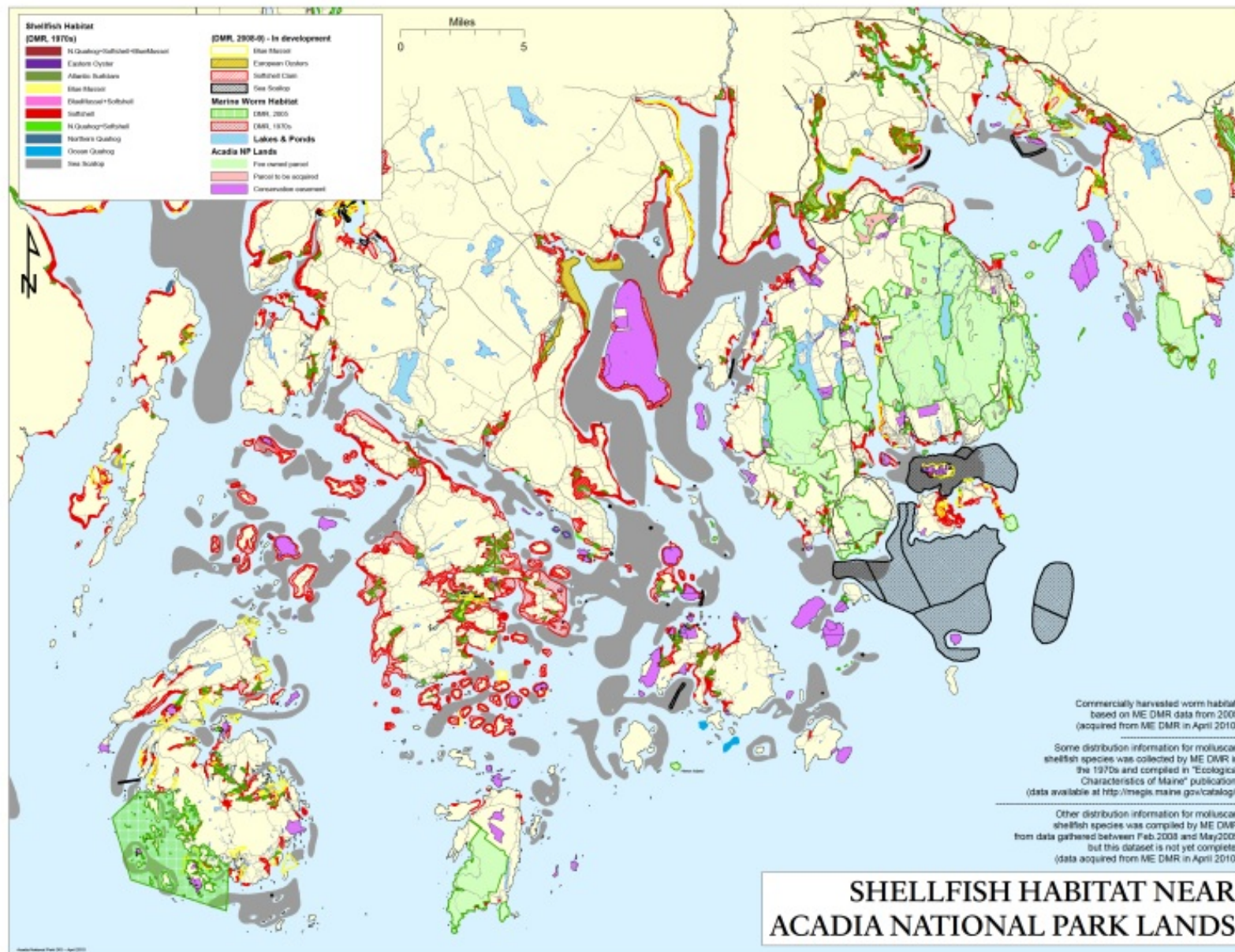
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Climate Change

- Warming temperatures
- Sea level rise
- More intense storms and more frequent heavy rainfall events
- Changes in species ranges
- Ocean acidification
- Invasive species



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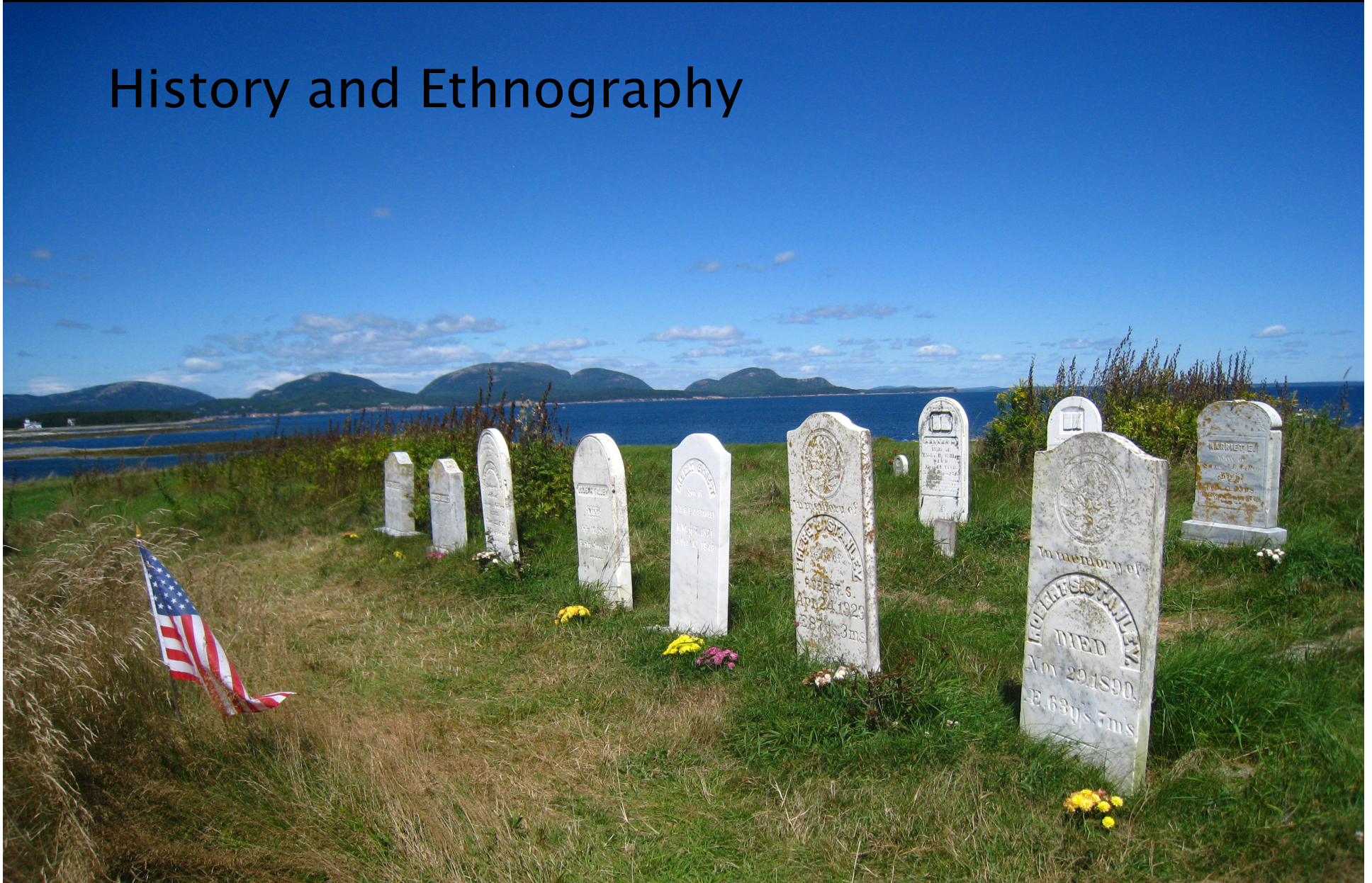
Islands



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History and Ethnography



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National parks as premier places for science



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Facilitate and promote use of science
to make management decisions

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Improve science literacy -
include science into park
visitor and staff experiences

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