



National Park Service
U.S. Department of the Interior

National Park Service

Natural Resource Damage Assessment Program

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NPS Organic Act Governing Legislation

“[NPS] purpose is to conserve the scenery and the natural and historic objects and the wild life therein and to provide for the enjoyment of the same in such manner and by such means as will leave them unimpaired for the enjoyment of future generations.”



NPS Photo

NPS Photo



NPS Resources

- **396 Park Units; 140 units are in coastal areas**

National Parks

National Historical Parks

National Monuments

National Historic Trails

Wild and Scenic Rivers

National Historic Sites

National Seashores

National Lakeshores

National Recreation Areas

National Battlefields

National Cemeteries

National Preserves

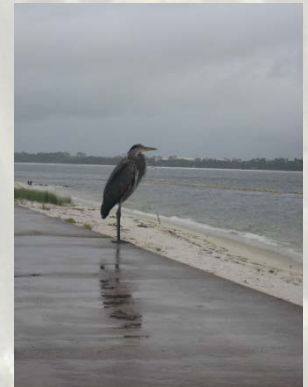
National Memorials





NPS Resources

- Within Park boundaries
 - Biological resources
 - Habitats
 - Waters
 - Cultural resources
 - Paleontological resources
- Human use





NPS NRDAR Team

- Resource Protection Branch (RPB) - Natural Resource Stewardship and Science Directorate, Environmental Quality Division
 - NPS National Spill Response Coordinator
 - Two Damage Assessment Case Managers
 - Two Restoration Project Managers
 - Two Economists
- Supports staff at individual Park units in damage assessment and restoration activities
- Provides policy and coordination NPS-wide





NPS Cases involving vessels

• Exxon Valdez, AK	March 1989	11M gal crude oil
• American Trader, CA	February 1990	416k gal crude oil
• S.S. Luckenbach, CA	~ 1992	457k gal bunker fuel
• Barge Berman, PR	January 1992	Vessel grounding/800k gal fuel oil
• Cape Mohican, CA	October 1996	40k gal fuel oil
• Igloo Moon, FL	July 1998	Vessel grounding/
• M/V Kure	November 1997	4.5k gal fuel oil
• New Carissa, OR	February 1999	70k gal bunker C
• M/V Stuyvesant	September 1999	2k fuel oil
• Voyager Eagle, VI	April 2002	Vessel grounding
• Vernat (Savannah River)	July 2006	532 barrels oil
• Cosco Busan, CA	November 2007	58k fuel oil
• Barge DM 932, LA	July 2008	420k gal oil
• M/V Brittania, FL	November 2009	Vessel grounding
• M/V Plattinum, FL	May 2009	Vessel grounding
• M/V Shogun, FL	July 2009	Vessel grounding



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Common Oil Spill Injuries

Beaches
Soil and vegetation
Wildlife

Historic Properties
Submerged vegetation
Response injuries





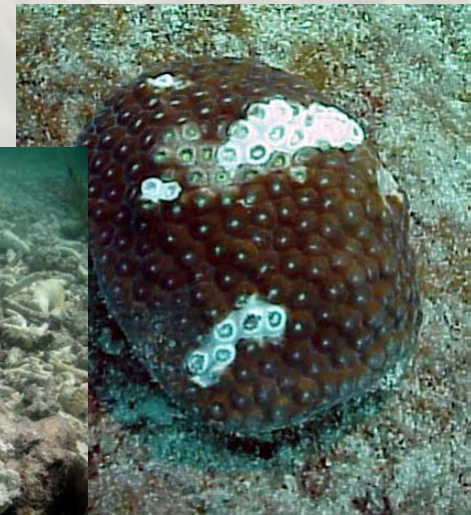
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Common Vessel Grounding Injuries

Fractures of Reef Substrate
Altered Topography
Loss of/fractured Biota



Tissue Toxicity
Surficial Injury to Epibiota
Rubble





Restoration Actions

Reattach Biota

- Diver reattaches a displaced stony coral using cement





Other Applicable Regulations within Park Units

- **Park System Resource Protection Act (PSRPA, 16 USC 19jj) - covers damages to natural and cultural resources and facilities.**
(example: vessel groundings with significant injury to coral reefs, damage to historic structures, damage to natural and historical resources, lost visitor use).
- **Archeological Resources Protection Act (ARPA)**
- **OPA cases can have PSRPA or NHPA components to settlement**





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Questions

