



Report on the Status of Marine Protected Areas in Coral Reef Ecosystems Volume 1: MPAs Managed by U.S. States, Territories and Commonwealths

Report Development

U.S. CRTF National Action Strategy

Goal 5 : Improve the use of marine protected areas in coral reef ecosystems

Objective 1: Conduct and support nationwide, state and territory assessments of the effectiveness and gaps in the existing system of U.S. coral reef MPAs



Report Development

Data and Information

- **Primary source of data is National Inventory of Marine Managed Areas (2001-2006)**
- **NOAA and State and Territory MPA managers and practitioners as co-authors on each of 7 chapters**



Report Development

Focus

- **Inventory of MPAs managed by state and territory governments in 7 U.S. CRTF jurisdictions**
- **No federal sites**



Report Contents

MPA definition

“Any area of the marine environment that has been reserved by federal, state, tribal, territorial or local laws or regulations to provide lasting protection for part or all of the natural and cultural resources therein”

(Executive Order 13158, 2000)



Report Contents

7 jurisdictional chapters - organized by MPA types or designations in that jurisdiction

For each MPA type following info. provided:

- **Priority coral reef resources in each site**



USVI Marine Reserves and Wildlife Sanctuaries	Coral Reefs	Mangroves	Seagrass/ Algal Beds	Wetlands	Bays & Estuaries	Salt Ponds	Fish Spawning Areas	Commercial Finfish	Recreational Fisfish	Shellfish	Sea Turtles	Marine Mammals	Threatened or Endangered Birds
Cas Cay/ Mangrove Lagoon		x	x	x	x	x	x	x					
Compass Point Pond		x	x	x	x	x	x						x
Frank Bay			x		x	x	x	x	x	x			
Salt River Bay		x	x	x			x	x	x	x	x		x
St. James	x	x	x		x	x	x	x	x	x	x		

Report Contents

7 jurisdictional chapters - organized by MPA types or designations in that jurisdiction

For each MPA type following info. provided:

- **Priority coral reef resources in each site**
- **Enabling legislation and management agency**



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- **Goals, objectives, policies and protections**



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- **Goals, objectives, policies and protections**
- **Ongoing management activities**



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For each MPA type following info. provided:

- **Priority coral reef resources in each site**
- **Enabling legislation and management agency**
- **Goals, objectives, policies and protections**
- **Ongoing management activities**
- **Stakeholder involvement and public participation**



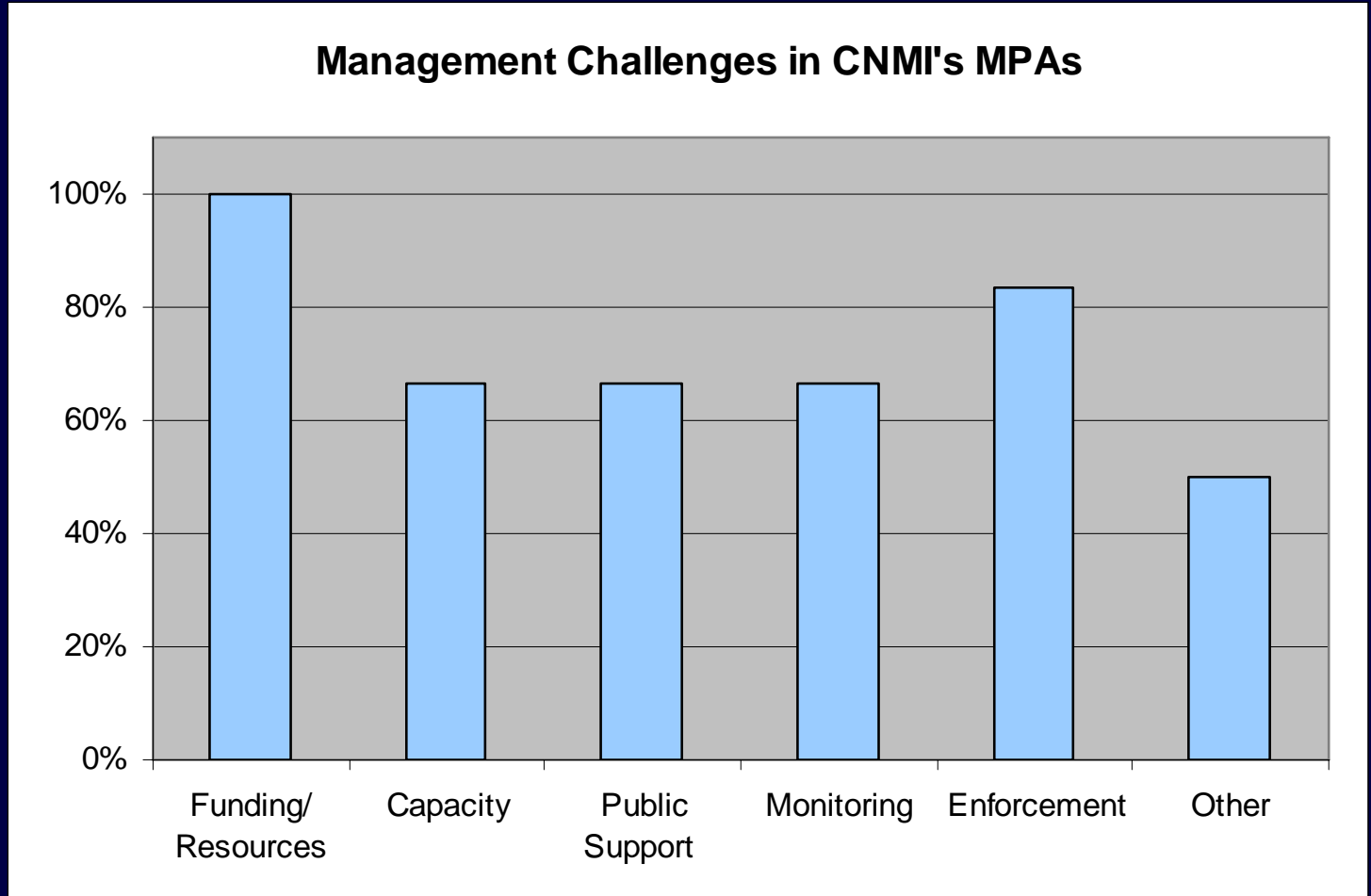
Report Contents

Additional info. on jurisdictional MPA efforts:

- **Challenges to effectiveness**



Challenges to Effectiveness



Percent of MPAs (out of 6 responses) that identified each issue as a challenge to effective MPA management



Report Contents

Additional info. on jurisdictional MPA efforts:

- **Challenges to effectiveness**
- **Working towards a network**



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- **Next steps/ recommendations**



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Additional info. on jurisdictional MPA efforts:

- **Challenges to effectiveness**
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- **Next steps/ recommendations**
- **National Classification Table**



National Classification

- 1. Conservation Focus – natural heritage, cultural heritage and/or sustainable production**
- 2. Level of Protection – uniform multiple use, zoned mult. use, zoned with no-take, no-take, no-impact, no access**
- 3. Permanence of Protection – permanent, conditional, temporary**



National Classification

4. Constancy of Protection – year round, seasonal, rotating

5. Ecological Scale of Protection – ecosystem, focal resource

For more information on MPA Classification system visit www.mpa.gov



Site Name	Conservation Focus	Level of Protection	Permanence of Protection	Constancy of Protection	Scale of Protection	Management Plan
Hanauma Bay MLCD	Natural Heritage	No-take	Permanent	Year-round	Ecosystem	No
Kailua Bay FMA	Sustainable Production	Zoned Multiple Use	Permanent	Year-round	Focal Resource	No
Kaho'olawe Island Reserve	Cultural Heritage	Zoned Multiple Use	Permanent	Year-round	Ecosystem	Yes

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Additional info. on jurisdictional MPA efforts:

- **Challenges to effectiveness**
- **Working towards a network**
- **Next steps/ recommendations**
- **National Classification Table**
- **Success stories**

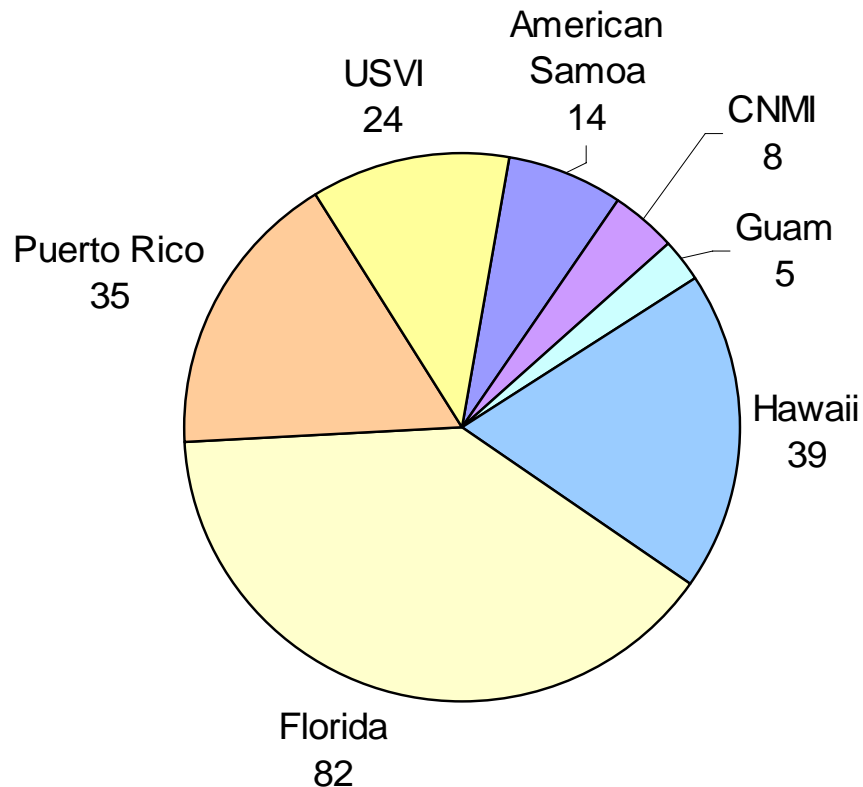




Key Findings

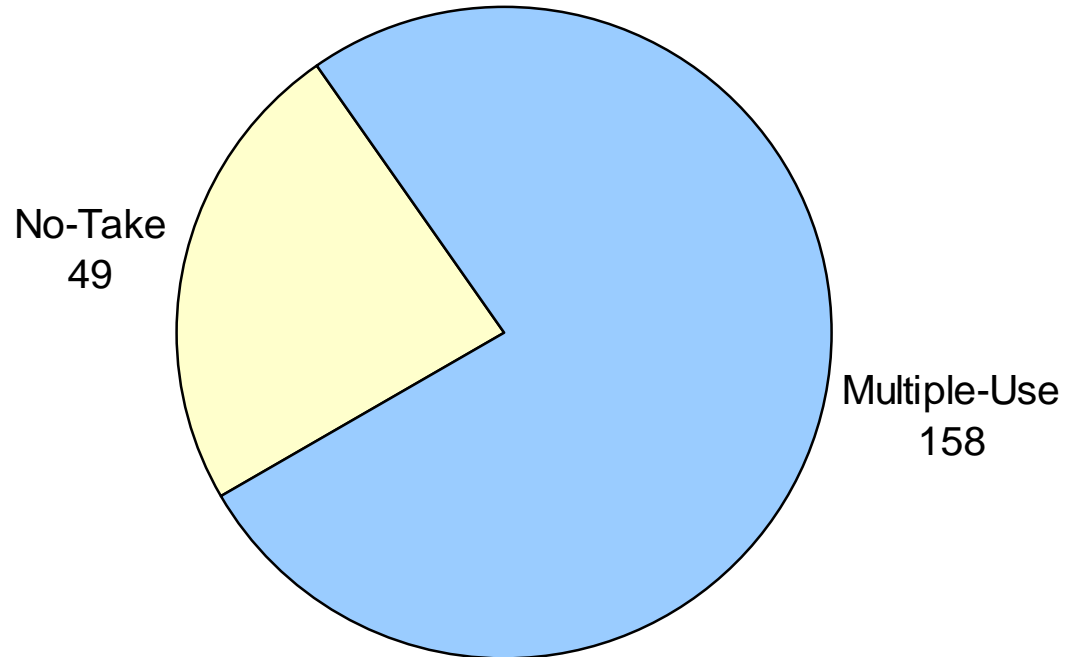
Report includes 207 MPAs found in the 7 coral reef jurisdictions

Number of MPAs in Coral Reef Ecosystems by Jurisdiction
(n = 207)



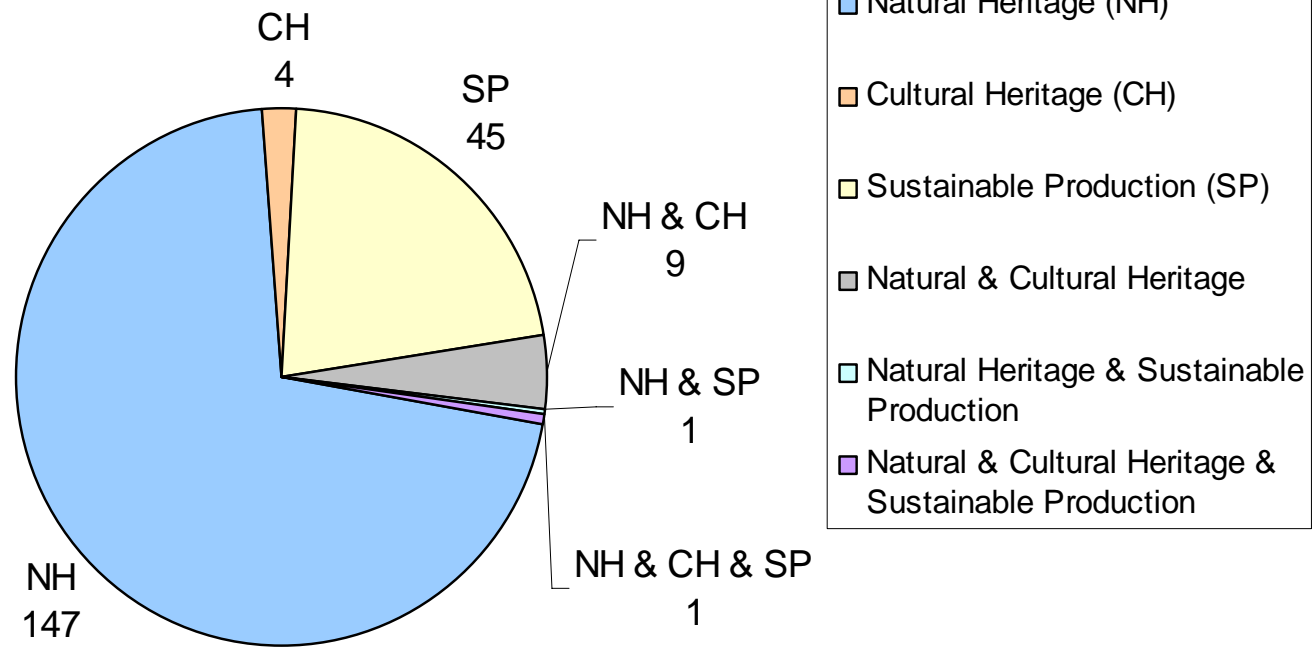
29% of sites offer no-take protection (49 sites)

Level of Marine Resource Protection (n = 207)



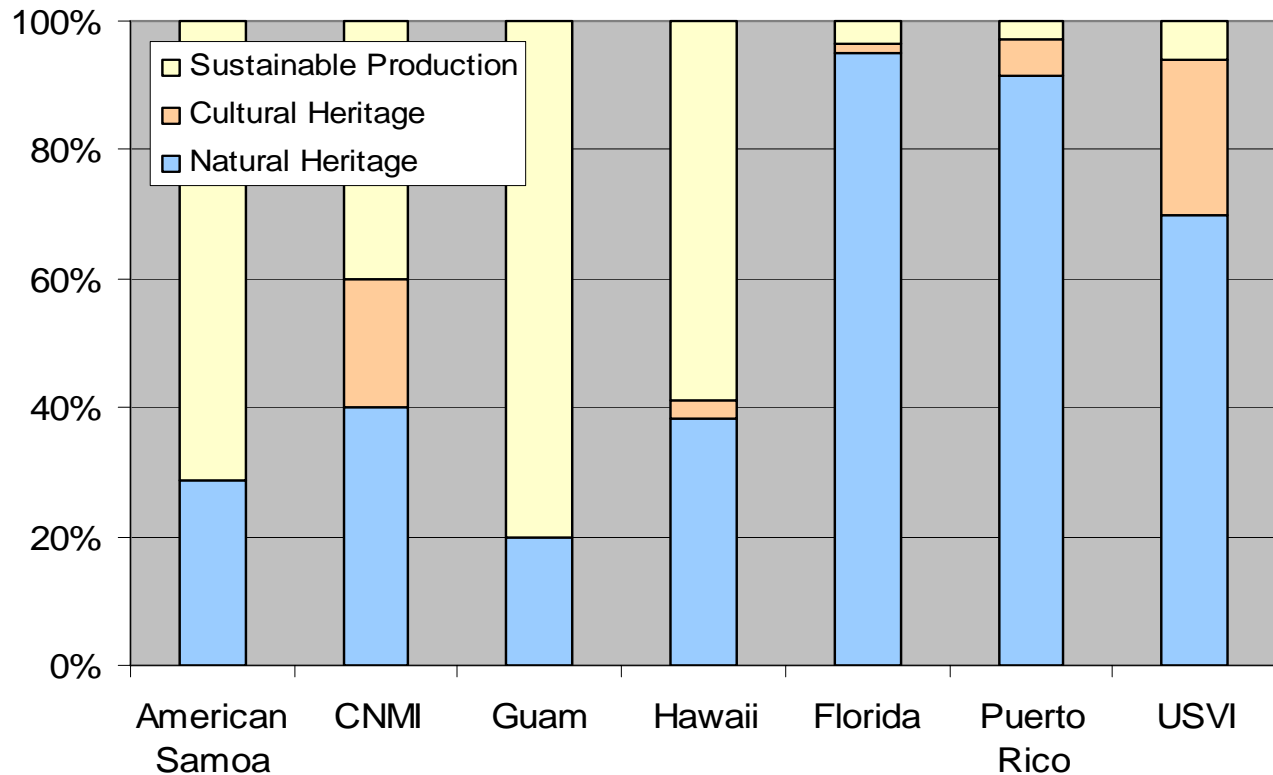
Majority (71%) of sites have a natural heritage conservation focus

Number of Coral Reef MPAs by Conservation Focus
(n = 207)



Majority of sustainable production sites located in the Pacific region

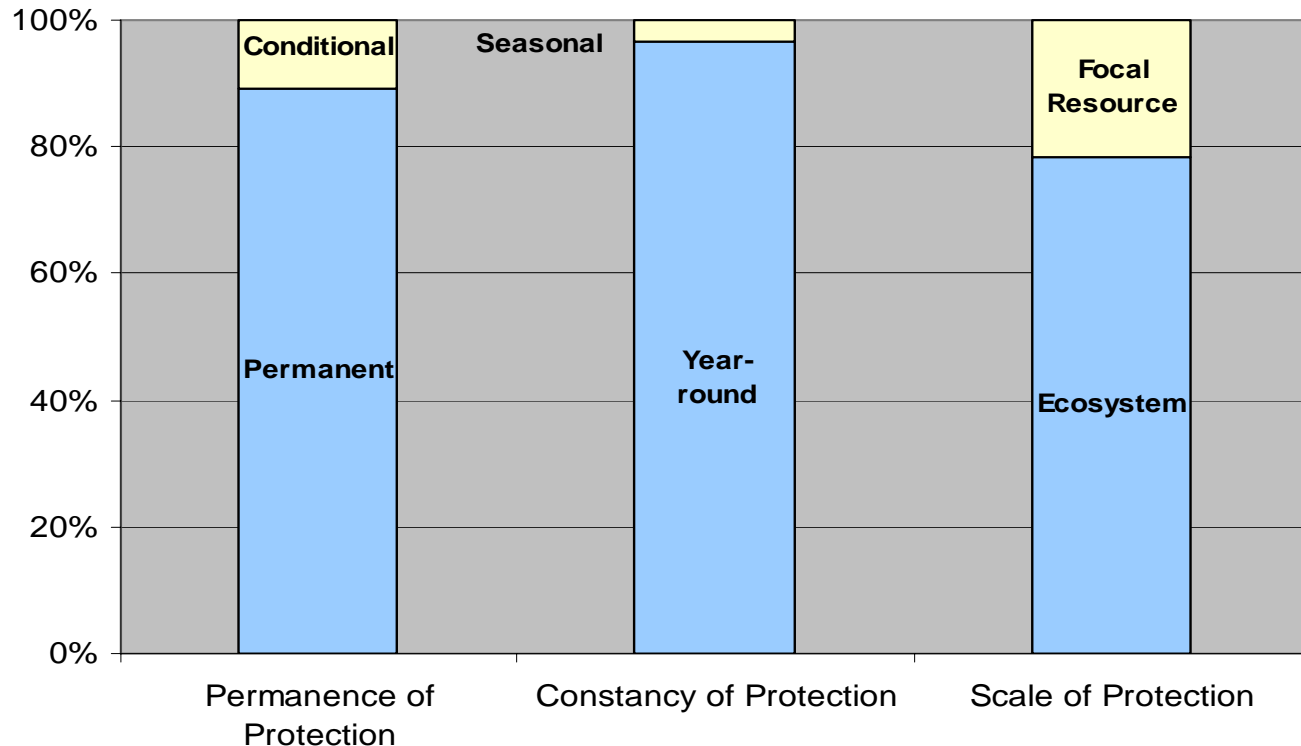
Percent (%) of Coral Reef MPAs within each Jurisdiction by Conservation Focus (n = 207)



Report on the Status of MPAs in Coral Reef Ecosystems

Most sites are permanent (86%), year-round (97%) & provide protection at an ecosystem scale (78%)

Percent (%) of Coral Reef MPAs by Permanence, Constancy, and Scale (n = 207)

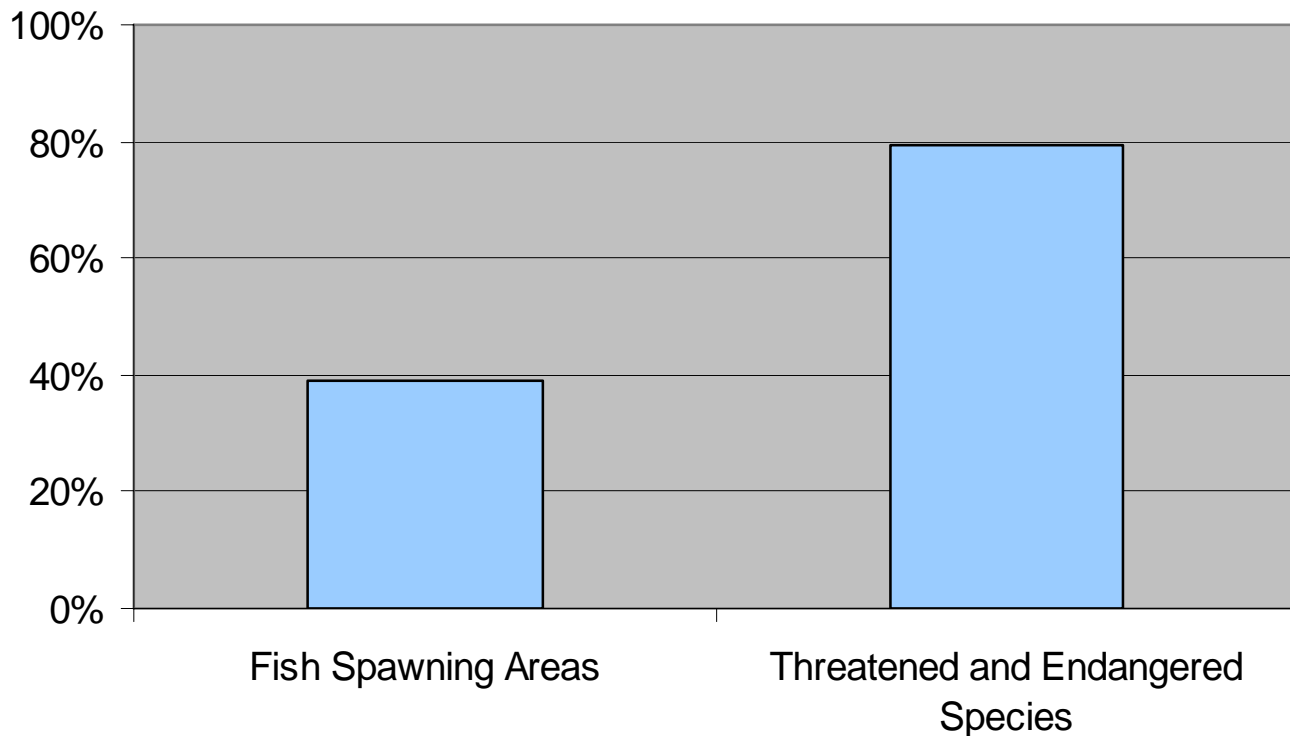


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Ecosystems

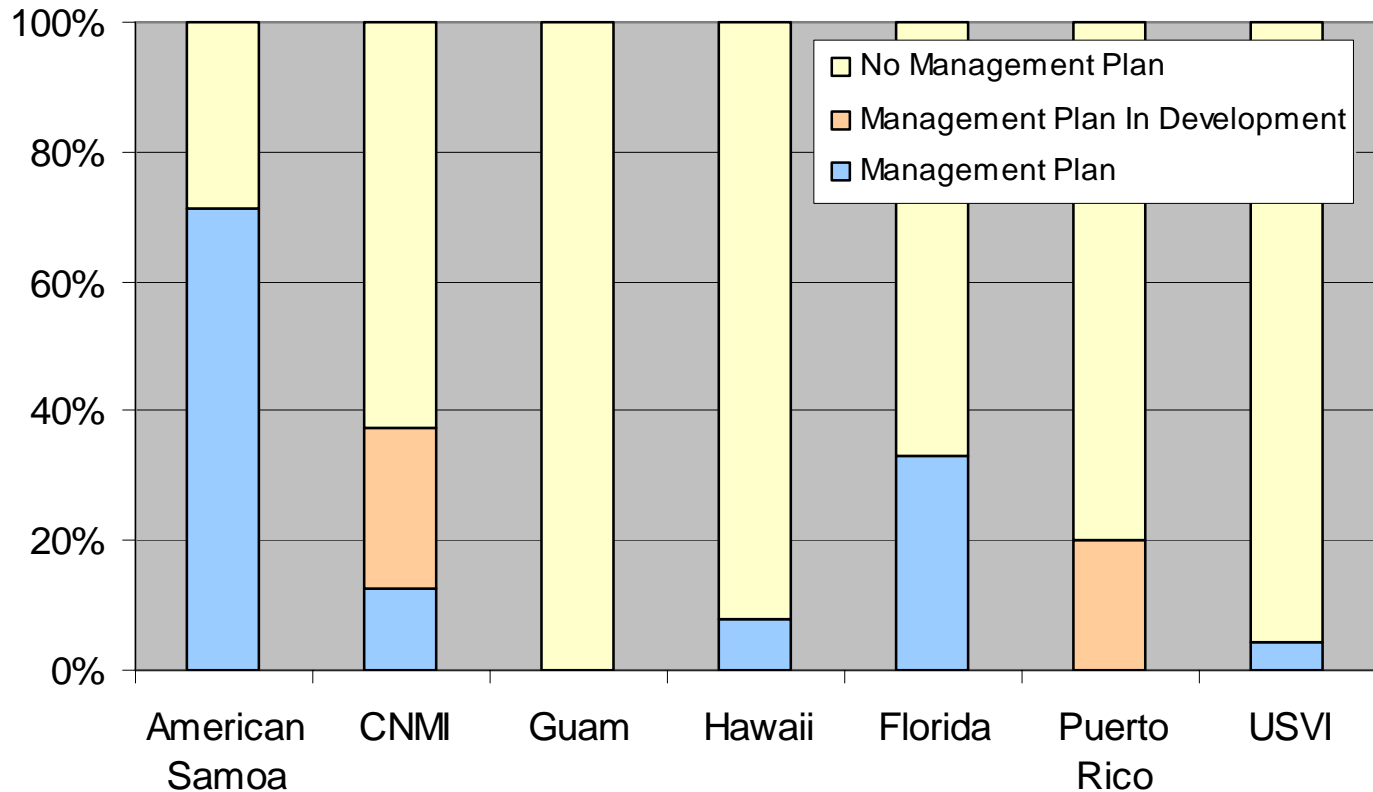
Key resources for protection found in many sites

Percent (%) of Coral Reef MPAs with Fish Spawning Areas and Threatened and Endangered Species (n = 207)



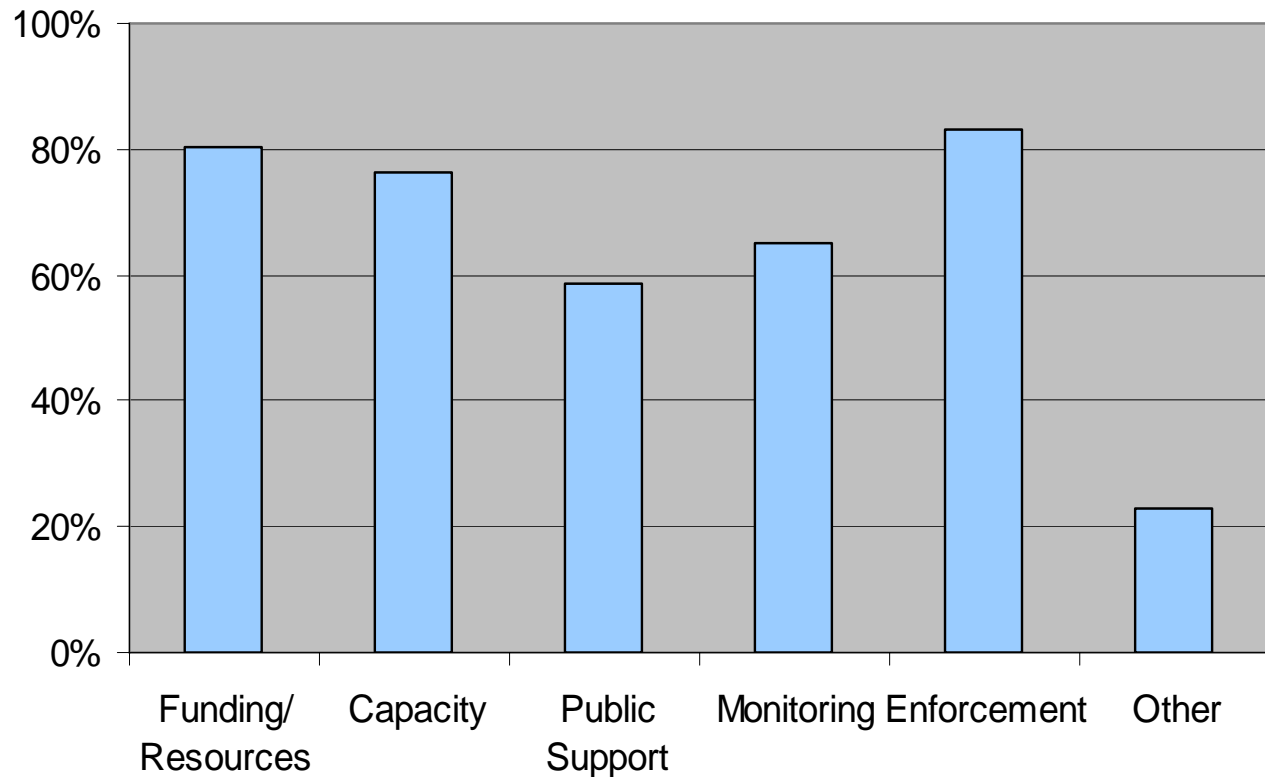
20% of sites (42) have approved management plans

Percent (%) of Coral Reef MPAs with Management Plans by Jurisdiction (n = 207)



5 main challenges to MPA effectiveness

Percent (%) of Coral Reef MPAs that identified each issue as a Management Challenge (n = 126)



Recommendations

- **Support the development of management plans**



Recommendations

- **Support the development of management plans**
- **Address main challenges to effectiveness**



Recommendations

- **Support the development of management plans**
- **Address main challenges to effectiveness**
- **Evaluate management effectiveness**



Recommendations

- **Support the development of management plans**
- **Address main challenges to effectiveness**
- **Evaluate management effectiveness**
- **Support the development of MPA networks**



Next Steps

- **Complete assessment of federally managed sites**
- **Complete geospatial assessment to look at amount and types of coral reef ecosystem and related habitats that are protected**



Acknowledgements

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Full Report & Information

www.coralreef.gov (under news and announcements)

www.coralreef.noaa.gov

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