

Appendix D: Key attributes and activities of MPAs in the existing network of MPAs in American Samoa as of January 2011

Data provided by Alice Lawrence

Table D.1. General description of MPA implementation and management.

MPA	Level of Government	Management Authority	Designation	Management Plan or Informal Rules	Laws & Regulations
Alofau CFMP Reserve	Territorial	DMWR ^a , village	2001	Cooperative Agreement	ASAC § 24.10
Amanave CFMP Reserve	Territorial	DMWR ^a , village	2009	Cooperative Agreement	ASAC § 24.10
Amaua & Auto CFMP Reserve	Territorial	DMWR ^a , village	2003	Cooperative Agreement	ASAC § 24.10
Aoa CFMP Reserve	Territorial	DMWR ^a , village	2005	Cooperative Agreement	ASAC § 24.10
Aua CFMP Reserve	Territorial	DMWR ^a , village	2002	Cooperative Agreement	ASAC § 24.10
Fagamalo CFMP Reserve	Territorial	DMWR ^a , village	2003	Cooperative Agreement	ASAC § 24.10
Fagamalo No-Take MPA	Territorial	DMWR ^b , village	2010	Cooperative Agreement; Management Plan being Finalized	ASAC § 24.1001, ASAC § 24.1008 (c)(1)
Leone Pala SMA	Territorial	ASCMP ^c , village	1994	None	ASCA § 24.0503, ASAC § 26.0221
Masausi CFMP Reserve	Territorial	DMWR ^a , village	2002	Cooperative Agreement	ASAC § 24.10
Matu'u & Faganeanea CFMP Reserve	Territorial	DMWR ^b , village	2005	Cooperative Agreement	ASAC § 24.10
Nu'uuli Pala SMA	Territorial	ASCMP ^c , village	1995	None	ASCA § 24.0503, ASAC § 26.0221
Ofu Vaoto Marine Park	Territorial	DPR, DMWR	1994	None	ASCA § 18.0214
Pago Pago Harbor SMA	Territorial	ASCMP ^c , village	1997	None	ASCA § 24.0503, ASAC § 26.0221
Poloa CFMP Reserve	Territorial	DMWR ^a , village	2001	Cooperative Agreement	ASAC § 24.10
Sailele CFMP Reserve	Territorial	DMWR ^a , village	2005	Cooperative Agreement	ASAC § 24.10
Alega Private Marine Reserve	Private	Alega village ^d	1985	Unwritten Agreement	Unwritten Rules
Vatia CFMP Reserve	Territorial	DMWR ^a , village	2001	Cooperative Agreement	ASAC § 24.10
Fagatele Bay NMS	Federal/ Territorial Co-Managed	NOAA ^e , AS DOC	1986	Management Plan (1986), Management Plan Review Process underway (2009)	16 USC 1431 et seq., Public Law 106-513, 15 CFR 922.100-104
NPSA - Ofu unit	Federal	NPS ^f	1988 (lease finalized in 1993)	Management Plan (1997)	16 USC 410qq-410qq-1
NPSA - Ta'u unit	Federal	NPS ^f	1988 (lease finalized in 1993)	Management Plan (1997)	16 USC 410qq-410qq-1
NPSA - Tutuila unit	Federal	NPS ^f	1988 (lease finalized in 1993)	Management Plan (1997)	16 USC 410qq-410qq-1
Rose Atoll MNM/NWR	Federal	USFWS ^g , NOAA	2009 (MNM), 1973 (NWR)	Management Plan Development Process underway	Presidential Proclamation 8337, 16 U.S.C. 668dd-ee, Public Law 105-57

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Table D.2. Conservation focus and management practices.

MPA	Primary Conservation Focus	Protection Focus	Level of Protection	Permanence	Constancy	Fishing Restriction	Vessel Restrictions	Anchoring Restrictions
Alofau CFMP Reserve	Cultural Heritage	Ecosystem	Uniform Multi-Use	Conditional	Year Round	Commercial, Recreational Prohibited ^a	Unrestricted	Unrestricted
Amanave CFMP Reserve	Cultural Heritage	Ecosystem	Uniform Multi-Use	Conditional	Year Round	Commercial, Recreational Prohibited ^a	Unrestricted	Unrestricted
Amaua & Auto CFMP Reserve	Cultural Heritage	Ecosystem	Uniform Multi-Use	Conditional	Year Round	Commercial, Recreational Prohibited ^a	Unrestricted	Unrestricted
Aoa CFMP Reserve	Cultural Heritage	Ecosystem	Uniform Multi-Use	Conditional	Year Round	Commercial, Recreational Prohibited ^a	Unrestricted	Unrestricted
Aua CFMP Reserve	Cultural Heritage	Ecosystem	Uniform Multi-Use	Conditional	Year Round	Commercial, Recreational Prohibited ^a	Unrestricted	Unrestricted
Fagamalo CFMP Reserve	Cultural Heritage	Ecosystem	Uniform Multi-Use	Conditional	Year Round	Commercial, Recreational Prohibited ^a	Unrestricted	Unrestricted
Fagamalo No-Take MPA	Natural Heritage	Ecosystem	No Take	Conditional	Year Round	All Fishing Prohibited	Unrestricted	TBD
Leone Pala SMA	Natural Heritage	Ecosystem	Uniform Multi-Use	Permanent	Year Round	Commercial, Recreational Restricted	Unrestricted	Unrestricted
Masaui CFMP Reserve	Cultural Heritage	Ecosystem	Uniform Multi-Use	Conditional	Year Round	Commercial, Recreational Prohibited ^a	Unrestricted	Unrestricted
Matu'u & Faganeanea CFMP Reserve	Cultural Heritage	Ecosystem	Uniform Multi-Use	Conditional	Year Round	Commercial, Recreational Prohibited ^a	Unrestricted	Unrestricted
Nu'uuli Pala SMA	Natural Heritage	Ecosystem	Uniform Multi-Use	Permanent	Year Round	Commercial, Recreational Restricted	Unrestricted	Unrestricted
Ofu Vaoto Marine Park	Natural Heritage	Ecosystem	Uniform Multi-Use	Permanent	Year Round	Commercial, Recreational Restricted	Presently Unknown	Presently Unknown
Pago Pago Harbor SMA	Natural Heritage	Ecosystem	Uniform Multi-Use	Permanent	Year Round	Commercial, Recreational Restricted	Unrestricted	Unrestricted
Poloa CFMP Reserve	Cultural Heritage	Ecosystem	Uniform Multi-Use	Conditional	Year Round	Commercial, Recreational Prohibited ^a	Unrestricted	Unrestricted
Sailele CFMP Reserve	Cultural Heritage	Ecosystem	Uniform Multi-Use	Conditional	Year Round	Commercial, Recreational Prohibited ^a	Unrestricted	Unrestricted
Alega Private Marine Reserve	Sustainable Production	Ecosystem	Uniform Multi-Use	Permanent	Year Round	All Fishing Restricted ^b	Restricted	Restricted
Vatia CFMP Reserve	Cultural Heritage	Ecosystem	Uniform Multi-Use	Conditional	Year Round	Commercial, Recreational Prohibited ^a	Unrestricted	Unrestricted
Fagatele Bay NMS	Natural, Cultural Heritage	Ecosystem	Zoned Multi-Use	Permanent	Year Round	Commercial, Recreational Restricted	Unrestricted	Restricted
NPSA - Ofu unit	Natural, Cultural Heritage	Ecosystem	Uniform Multi-Use	Permanent*	Year Round	Commercial, Recreational Restricted ^c	Unrestricted	Unrestricted
NPSA - Ta'u unit	Natural, Cultural Heritage	Ecosystem	Uniform Multi-Use	Permanent*	Year Round	Commercial, Recreational Restricted ^c	Unrestricted	Unrestricted
NPSA - Tutuila unit	Natural, Cultural Heritage	Ecosystem	Uniform Multi-Use	Permanent*	Year Round	Commercial, Recreational Restricted ^c	Unrestricted	Unrestricted
Rose Atoll MNM/NWR	Natural Heritage	Ecosystem	Zoned w/ No Take Areas	Permanent	Year Round	Commercial, Recreational Restricted	Restricted	Restricted

a – The reserve is closed to all fishing apart from when it is opened for subsistence fishing at certain times of the year.

b – Only subsistence fishing with traditional methods by villagers/relatives is allowed.

c – Only subsistence fishing with traditional methods is allowed.

* 50 year renewable lease and permanent federal funding.

Table D.3. Biological and socio-economic monitoring/assessment and community involvement.

MPA	Biophysical Assessments/ Monitoring	Socio-economic Assessments/ Monitoring	Community/Stakeholder Engagement	Community Power to Take/Enforce Man- agement Decisions?
Alofau CFMP Reserve	Baseline Assessment; Biannual Monitoring Program	Future Plans to Design and Implement Socio- economic Monitoring	Involved in Management Planning, Involved in Site Management, Existence of Collab- orative Management Mechanisms	Yes
Amanave CFMP Reserve	Baseline Assessment; Biannual Monitoring Program	Future Plans to Design and Implement Socio- economic Monitoring	Involved in Management Planning, Involved in Site Management, Existence of Collab- orative Management Mechanisms	Yes
Amaua & Auto CFMP Reserve	Baseline Assessment; Biannual Monitoring Program	Future Plans to Design and Implement Socio- economic Monitoring	Involved in Management Planning, Involved in Site Management, Existence of Collab- orative Management Mechanisms	Yes
Aoa CFMP Reserve	Baseline Assessment; Biannual Monitoring Program	Future Plans to Design and Implement Socio- economic Monitoring	Involved in Management Planning, Involved in Site Management, Existence of Collab- orative Management Mechanisms	Yes
Aua CFMP Reserve	Baseline Assessment; Biannual Monitoring Program	Future Plans to Design and Implement Socio- economic Monitoring	Involved in Management Planning, Involved in Site Management, Existence of Collab- orative Management Mechanisms	Yes
Fagamalo CFMP Reserve	Baseline Assessment; Biannual Monitoring Program	Future Plans to Design and Implement Socio- economic Monitoring	Involved in Management Planning, Involved in Site Management, Existence of Collab- orative Management Mechanisms	Yes
Fagamalo No-Take MPA	Baseline Assessment	Baseline Assessment; Monitoring Program in Development	Involved in Management Planning, Involved in Site Management	Yes
Leone Pala SMA	Presently Unknown	Presently Unknown	Involved in Management Planning	No
Masaui CFMP Reserve	Baseline Assessment; Biannual Monitoring Program	Future Plans to Design and Implement Socio- economic Monitoring	Involved in Management Planning, Involved in Site Management, Existence of Collab- orative Management Mechanisms	Yes
Matu'u & Faga- neanea CFMP Reserve	Baseline Assessment; Biannual Monitoring Program	Future Plans to Design and Implement Socio- economic Monitoring	Involved in Management Planning, Involved in Site Management, Existence of Collab- orative Management Mechanisms	Yes
Nu'uuli Pala SMA	Presently Unknown	Presently Unknown	Involved in Management Planning	No
Ofu Vaoto Marine Park	Presently Unknown	Presently Unknown	Presently Unknown	Presently Unknown
Pago Pago Harbor SMA	Presently Unknown	Presently Unknown	Involved in Management Planning	No
Poloa CFMP Reserve	Baseline Assessment; Biannual Monitoring Program	Future Plans to Design and Implement Socio- economic Monitoring	Involved in Management Planning, Involved in Site Management, Existence of Collab- orative Management Mechanisms	Yes
Sailele CFMP Reserve	Baseline Assessment; Biannual Monitoring Program	Future Plans to Design and Implement Socio- economic Monitoring	Involved in Management Planning, Involved in Site Management, Existence of Collab- orative Management Mechanisms	Yes
Alega Private Marine Reserve	Fish Catch Monitoring by Tisa; DMWR Key Reef Spe- cies Program Monitoring Site	None	Village Community Designated and Manages the Reserve	Yes
Vatia CFMP Reserve	Baseline Assessment; Biannual Monitoring Program	Future Plans to Design and Implement Socio- economic Monitoring	Involved in Management Planning, Involved in Site Management, Existence of Collab- orative Management Mechanisms	Yes
Fagatele Bay NMS	NOAA Biogeographic Assess- ment in 2008, 2010; Long-term Monitoring Program in Place	Baseline Assessment; Monitoring Program in Development	Involved in Management Planning, Existence of Collaborative Management Mechanisms	Some
NPSA - Ofu unit	Baseline Assessment; Annual Monitoring Program	Occasional Assessments	Involved in Management Planning, Existence of Collaborative Management Mechanisms	Some
NPSA - Ta'u unit	Baseline Assessment; Annual Monitoring Program	Occasional Assessments	Involved in Management Planning, Existence of Collaborative Management Mechanisms	Some
NPSA - Tutuila unit	Baseline Assessment; Annual Monitoring Program	Occasional Assessments	Involved in Management Planning, Existence of Collaborative Management Mechanisms	Some
Rose Atoll MNM/ NWR	Baseline Assessment; Regular Monitoring Program	Occasional Assessments	Some - Involved in Management Planning Process; Meetings held in Manu'a and Tutuila, November 2009	No

Table D.4. Current and future projects.

MPA	Existing Projects/Activities	Collaborative Work	Future Projects/Activities
Alofau CFMP Reserve	Education & Outreach; Monitoring; Village Beach & Underwater Clean Ups; Community Reef Monitoring	w/ No-Take MPA Program on Education & Outreach Programs, Socio-economic Assessments, MPA Designation Work, VMPA Awareness, and Enforcement Partnerships	Regular Biological Monitoring; Socio-economic Surveys; Education & Outreach; Training and Capacity Building; Enforcement Activities (e.g. Boat Patrols)
Amanave CFMP Reserve	Education & Outreach; Monitoring; Village Beach & Underwater Clean Ups; Community Reef Monitoring	w/ No-Take MPA Program on Education & Outreach Programs, Socio-economic Assessments, MPA Designation Work, VMPA Awareness, and Enforcement Partnerships	Regular Biological Monitoring; Socio-economic Surveys; Education & Outreach; Training and Capacity Building; Enforcement Activities (e.g. Boat Patrols)
Amaua & Auto CFMP Reserve	Education & Outreach; Monitoring; Village Beach & Underwater Clean Ups; Community Reef Monitoring	w/ No-Take MPA Program on Education & Outreach Programs, Socio-economic Assessments, MPA Designation Work, VMPA Awareness, and Enforcement Partnerships	Regular Biological Monitoring; Socio-economic Surveys; Education & Outreach; Training and Capacity Building; Enforcement Activities (e.g. Boat Patrols)
Aoa CFMP Reserve	Education & Outreach; Monitoring; Village Beach & Underwater Clean Ups; Community Reef Monitoring	w/ No-Take MPA Program on Education & Outreach Programs, Socio-economic Assessments, MPA Designation Work, VMPA Awareness, and Enforcement Partnerships	Regular Biological Monitoring; Socio-economic Surveys; Education & Outreach; Training and Capacity Building; Enforcement Activities (e.g. Boat Patrols)
Aua CFMP Reserve	Education & Outreach; Monitoring; Village Beach & Underwater Clean Ups; Community Reef Monitoring	w/ No-Take MPA Program on Education & Outreach Programs, Socio-economic Assessments, MPA Designation Work, VMPA Awareness, and Enforcement Partnerships	Regular Biological Monitoring; Socio-economic Surveys; Education & Outreach; Training and Capacity Building; Enforcement Activities (e.g. Boat Patrols)
Fagamalo CFMP Reserve	Education & Outreach; Monitoring; Village Beach & Underwater Clean Ups; Community Reef Monitoring	w/ No-Take MPA Program on Education & Outreach Programs, Socio-economic Assessments, MPA Designation Work, VMPA Awareness, and Enforcement Partnerships	Regular Biological Monitoring; Socio-economic Surveys; Education & Outreach; Training and Capacity Building; Enforcement Activities (e.g. Boat Patrols)
Fagamalo No-Take MPA	Education & Outreach; Biological Assessments; Learning Exchange; Current Surveys; Drop Cam Surveys; Larval Dispersal Modeling	w/ CFMP on Education & Outreach Programs, Socio-economic Assessments and MPA Designation Work; w/ Fishery Staff for Drop Cam Work; w/ EPA on Current Surveys and Modeling	MPA Designation Process; Education & Outreach; Engagement Workshops; Monitoring Training; Socio-economic Surveys; Modeling; Mapping; Network Development; Improve Enforcement
Leone Pala SMA	Presently Unknown	Presently Unknown	Presently Unknown
Masaui CFMP Reserve	Education & Outreach; Monitoring; Village Beach & Underwater Clean Ups; Community Reef Monitoring	w/ No-Take MPA Program on Education & Outreach Programs, Socio-economic Assessments, MPA Designation Work, VMPA Awareness, and Enforcement Partnerships	Regular Biological Monitoring; Socio-economic Surveys; Education & Outreach; Training and Capacity Building; Enforcement Activities (e.g. Boat Patrols)
Matu'u & Faganeanea CFMP Reserve	Education & Outreach; Monitoring; Village Beach & Underwater Clean Ups; Community Reef Monitoring	w/ No-Take MPA Program on Education & Outreach Programs, Socio-economic Assessments, MPA Designation Work, VMPA Awareness, and Enforcement Partnerships	Regular Biological Monitoring; Socio-economic Surveys; Education & Outreach; Training and Capacity Building; Enforcement Activities (e.g. Boat Patrols)
Nu'uuli Pala SMA	Presently Unknown	Presently Unknown	Presently Unknown
Ofu Vaoto Marine Park	Presently Unknown	Presently Unknown	Presently Unknown
Pago Pago Harbor SMA	Presently Unknown	Presently Unknown	Presently Unknown
Poloa CFMP Reserve	Education & Outreach; Monitoring; Village Beach & Underwater Clean Ups; Community Reef Monitoring	w/ No-Take MPA Program on Education & Outreach Programs, Socio-economic Assessments, MPA Designation Work, VMPA Awareness, and Enforcement Partnerships	Regular Biological Monitoring; Socio-economic Surveys; Education & Outreach; Training and Capacity Building; Enforcement Activities (e.g. Boat Patrols)

Table D.4. cont. Current and future projects.

MPA	Existing Projects/Activities	Collaborative Work	Future Projects/Activities
Sailele CFMP Reserve	Education & Outreach; Monitoring; Village Beach & Underwater Clean Ups; Community Reef Monitoring	w/ No-Take MPA Program on Education & Outreach Programs, Socio-economic Assessments, MPA Designation Work, VMPP Awareness, and Enforcement Partnerships	Regular Biological Monitoring; Socio-economic Surveys; Education & Outreach; Training and Capacity Building; Enforcement Activities (e.g. Boat Patrols)
Alega Private Marine Reserve	Education & Outreach; Fish Catch Monitoring; Turtle Nest Monitoring; Annual Palolo Worm Festival & Fishing Events; Practicing of Traditional Fishing Methods	w/ DMWR's Marine Monitoring Program, Marine Mammal Monitoring Program	REEF Fish ID program to be Implemented using Observations by Visitors to the Reserve; Traditional Knowledge Documentation Project
Vatia CFMP Reserve	Education & Outreach; Monitoring; Village Beach & Underwater Clean Ups; Community Reef Monitoring	w/ No-Take MPA Program on Education & Outreach Programs, Socio-economic Assessments, MPA Designation Work, VMPP Awareness, and Enforcement Partnerships	Regular Biological Monitoring; Socio-economic Surveys; Education & Outreach; Training and Capacity Building; Enforcement Activities (e.g. Boat Patrols)
Fagatele Bay NMS	Management Plan Review and Possible Additional Sanctuary Unit Designation Process; Biogeographic Assessment; Community Engagement; Scientific Research; Maritime Heritage Study	w/ ASCC Internship Program; w/ LBJ Hospital to open a Hyperbaric Chamber on Island; w/ Sea Education Association (S.E.A.) on Oceanographic Research, Education, and Cultural Exchange; w/ Hawaiian Islands Humpback Whale NMS and DMWR on Humpback Whale and Cetacean Research; w/ NCCOS on Biogeographic Assessment of the Samoan Archipelago; w/ Le Tausagi: Enviro-Discoveries Camps; w/ ASG - Preserve America Initiatives; w/ University of Hawaii - Research and Monitoring	Renovate Sanctuary Offices and Visitor's Center; Proposed Plans to Expand to Include Additional Units at Tutuila: Larsen Bay and Aunu'u, Manu'a: Ta'u, Rose Atoll, and Swains island; International Exchange Program; Education Workshop; Climate Change Strategy
NPSA - Ofu unit	Siapo Educational DVD; Natural History of AS Publication; Research Papers; New NP Ranger on Ofu	w/ DMWR, NOAA, FWS, DOI-insular office, Office of Samoan Affairs, PISED, Coast Guard, Territorial EMS/LBJ Hospital, Territorial Historic Preservation Office, ASCC, Land Grant, Sea Grant, and the Villages of Vatia, Fagasa, Pago Pago, Sili, Ofu, Olosega, Ta'u, Fiti'uta, and Faleasou on Various Projects	Research; Annual Monitoring; Education & Outreach; Encourage Climate Change Research on Impacts to Coral Reefs at Ofu Field Station
NPSA - Ta'u unit	Siapo Educational DVD; Natural History of AS Publication; Research Papers	w/ DMWR, NOAA, FWS, DOI-insular office, Office of Samoan Affairs, PISED, Coast Guard, Territorial EMS/LBJ Hospital, Territorial Historic Preservation Office, ASCC, Land Grant, Sea Grant, and the Villages of Vatia, Fagasa, Pago Pago, Sili, Ofu, Olosega, Ta'u, Fiti'uta, and Faleasou on Various Projects	Research; Annual Monitoring; Education & Outreach
NPSA - Tutuila unit	Siapo Educational DVD; Natural History of AS Publication; Research Papers	w/ DMWR, NOAA, FWS, DOI-insular office, Office of Samoan Affairs, PISED, Coast Guard, Territorial EMS/LBJ Hospital, Territorial Historic Preservation Office, ASCC, Land Grant, Sea Grant, and the Villages of Vatia, Fagasa, Pago Pago, Sili, Ofu, Olosega, Ta'u, Fiti'uta, and Faleasou on Various Projects	Research; Annual Monitoring; Education & Outreach
Rose Atoll MNM/NWR	Planning Review Updates; Public Consultations	w/ DMWR on Research and Monitoring Work; Currently w/ FBNMS and NMFS to Develop Management Plans for the MNM	Collaborate w/ NMFS and DMWR on Monitoring Efforts