Ocean Uses and Marine Renewable Energy

Ben Best 2017-12-28 13:00

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Atlantic Islands

Map of Ocean Use

Plot of Ocean Use by Depth (m)

Table of Ocean Use by Depth (m)

Table 1: Area (km²) of Ocean Use by Depth (m) bin for Atlantic Islands region. Width of gray horizontal bars from left of cell indicate percent area occupied in given depth bin.

Ocean Use Area (km²) by Depth (m) 0 - 60 60 - 200 200 - 1,000 Total Rank Category Layer Component Total Area 6,340 1,069 10,486 17,895 0 Governance: Marine Marine National Protected Areas Protected 66 17 24 107 5 Monuments (MPAs) Areas Governance: Marine Marine National Estuarine 7 Protected Areas Protected Research Reserve 2 0 0 2 (MPAs) Areas System Governance: Marine Marine National Marine 3 Protected Areas Protected 97 28 31 156 Fisheries Service (MPAs) Areas Governance: Marine Marine National Park Protected Areas Protected 0 0 11 6 11 Service (MPAs) Areas Governance: Marine Marine Protected Areas Protected Puerto Rico 879 135 2,328 1 (MPAs) Areas Governance: Marine Marine Protected Areas Protected U S Virgin Islands 101 11 29 142 4 (MPAs) Areas Living Resources: Essential 2 Biological Occurrence: Fish MPA 782 77 1,045 1,905 Fishes Habitat

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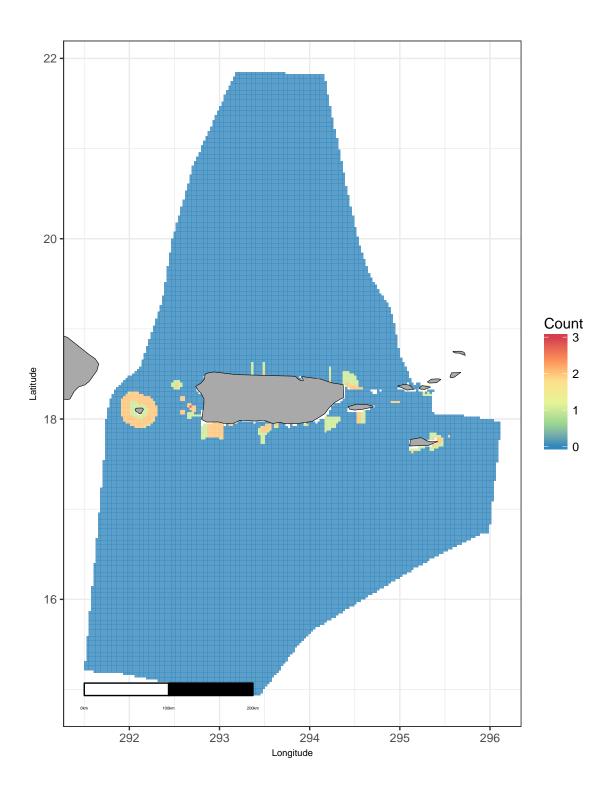


Figure 1: Map of cumulative ocean use in Atlantic Islands region.

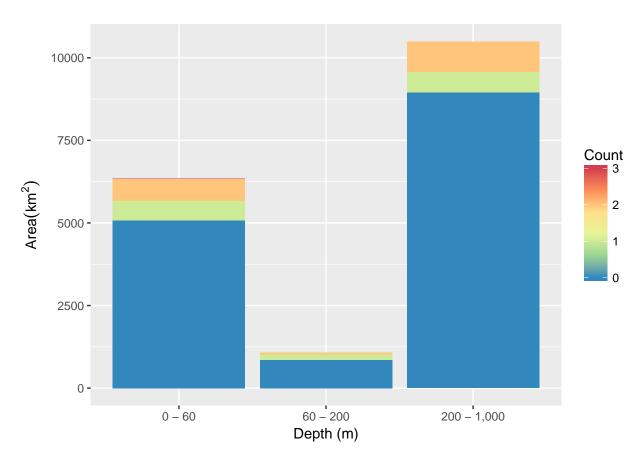


Figure 2: Area of Cumulative Ocean Use by Depth (m) for Atlantic Islands region. Cumulative use are counted and summarized by Depth (m) and area.

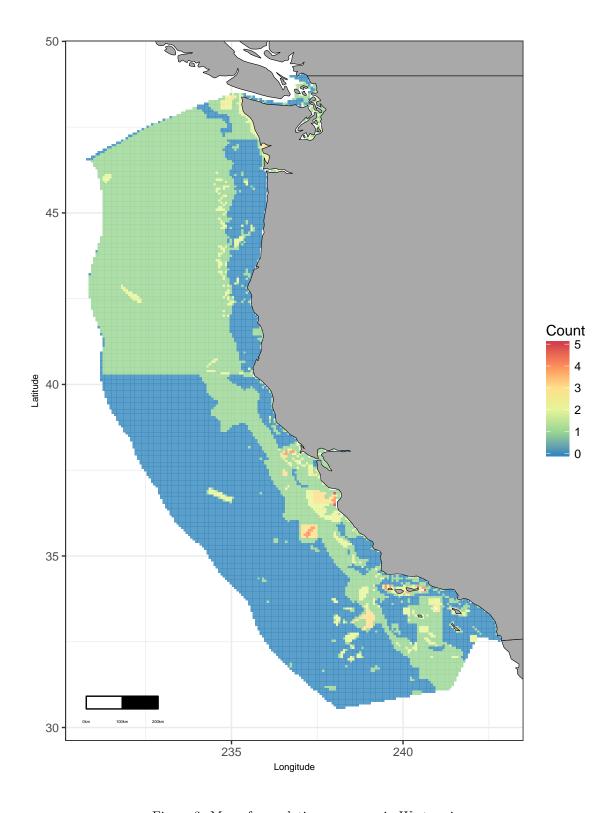


Figure 3: Map of cumulative ocean use in West region.

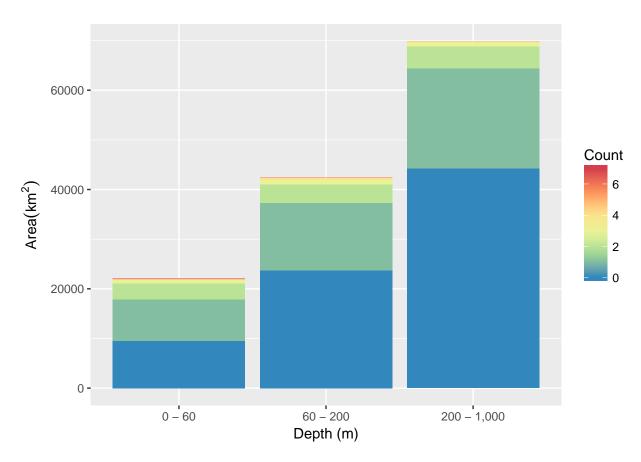


Figure 4: Area of Cumulative Ocean Use by Depth (m) for West region. Cumulative use are counted and summarized by Depth (m) and area.

West

Map of Ocean Use

Plot of Ocean Use by Depth (m)

Table of Ocean Use by Depth (m)

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Table 2: Area (km²) of Ocean Use by Depth (m) bin for West region. Width of gray horizontal bars from left of cell indicate percent area occupied in given depth bin.

	Ocean Use	Area (km²) by Depth (m)													
Category	Layer	Component		0 - 60		60 - 200	20	00 - 1,000		Total	Rank				
	Total Area			22,032		42,357		69,766		134,156	0				
Governance: Commercial Leases	Active Oil & Gas Leases			118	I	355		394		867	8				
Governance: Marine Protected Areas (MPAs)	Marine Protected Areas	Bureau of Ocean Energy Management		26		100		100		227	12				
Governance: Marine Protected Areas (MPAs)	Marine Protected Areas	National Estuarine Research Reserve System		45		0		0		45	14				
Governance: Marine Protected Areas (MPAs)	Marine Protected Areas	National Marine Fisheries Service	ı	919		5,157		15,047		21,123	2				
Governance: Marine Protected Areas (MPAs)	Marine Protected Areas	National Marine Sanctuaries		5,758		11,132		7,556		24,446	1				
Governance: Marine Protected Areas (MPAs)	Marine Protected Areas	National Park Service	I	357		81		2		440	11				
Governance: Marine Protected Areas (MPAs)	Marine Protected Areas	National Wildlife Refuge System	I	195		9		2		206	13				
Governance: Marine Protected Areas (MPAs)	Marine Protected Areas	State MPA		2,512	ı	2,205		355	ı	5,071	5				
Living Resources: Biological Occurrence: Fishes	Essential Fish Habitat	Canopy Kelp	ı	818		27		1		847	9				
Living Resources: Biological Occurrence: Fishes	Essential Fish Habitat	Estuaries		3,307	I	968		77	ı	4,352	6				
Living Resources: Biological Occurrence: Fishes	Essential Fish Habitat	Groundfish		2,256	I	1,052	ı	2,322	I	5,630	4				
Living Resources: Biological Occurrence: Fishes	Essential Fish Habitat	Rocky Reefs	ı	951	ı	3,540	ı	4,813	ı	9,304	3				
Living Resources: Biological Occurrence: Fishes	Essential Fish Habitat	Seagrass	I	504		1		0		505	10				
Ocean Uses: Transportation: Commercial Shipping	Shipping Lanes			215	I	971	I	1,256	ı	2,442	7				