

# Biodiversity Assessment Report - New PNMS Footprint

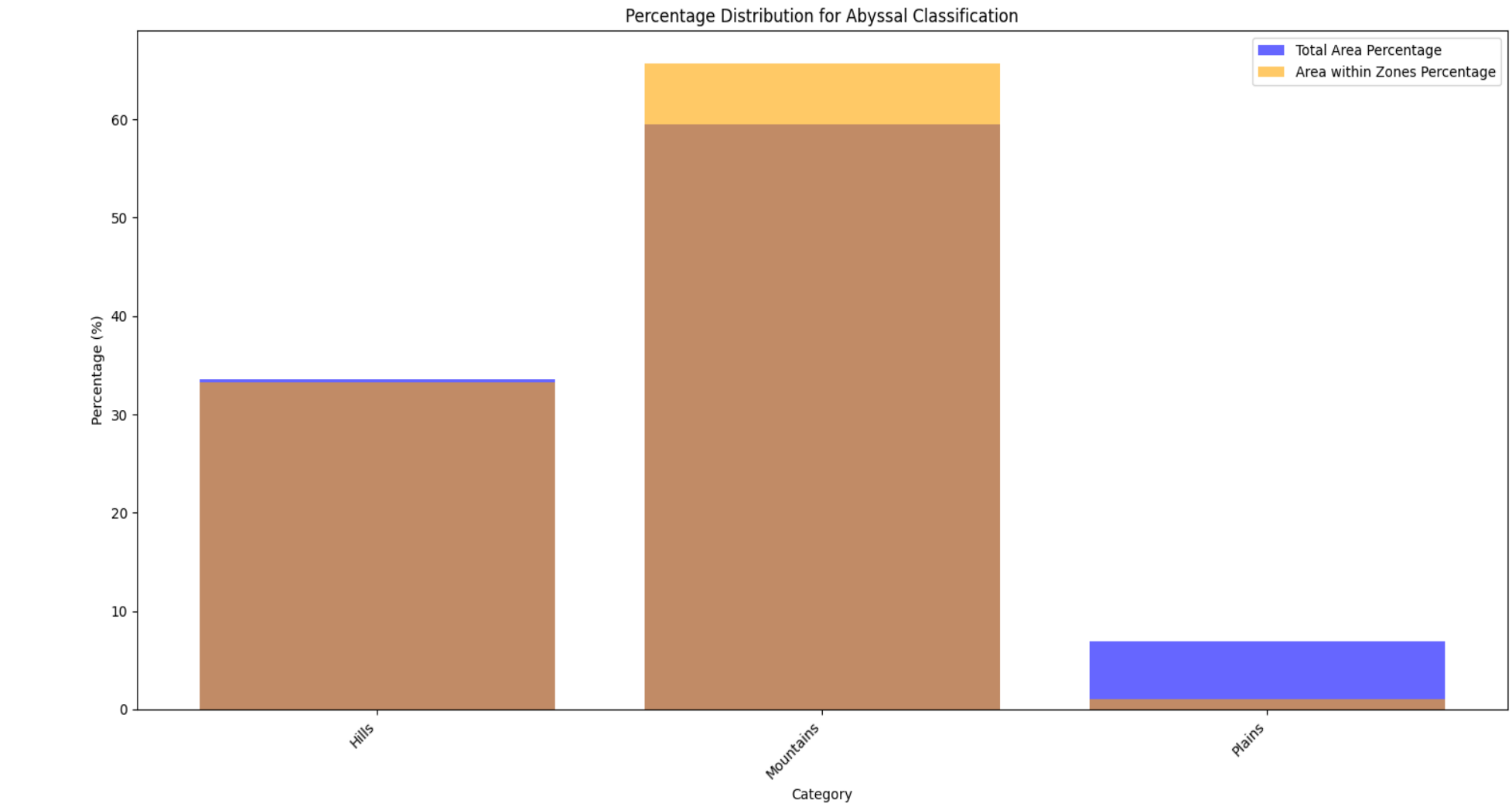
## Overall Summary

Biodiversity Layer	Total Area (sq.km)	Area within Zone (sq.km)	Percentage within Zone (%)	Percentage of Zone (%)
Abyssal Classification	600284.5886217562	196059.24368362257	32.6610490090661	99.60772122626271
Basins	321238.50848300825	92987.62869557888	28.94660080906751	47.2422805605985
Bridges	25.267593395849982	0.0	0.0	0.0
Canyons	3348.2194303510764	336.20494051044193	10.041305461129507	0.17080861560037602
Escarpments	135555.9455901616	49024.70405508326	36.1656612269181	24.90695650442661
Ridges	81454.44494279267	30627.001564895225	37.60015992547156	15.560020412989223
Shelf Classification	3044.4438054624025	0.0	0.0	0.0
Slopes	13076.410564610496	0.0	0.0	0.0
Trenches	9798.657026560615	2106.3099282061207	21.49590420908372	1.0701088518092163
Hadal	14100.179880525853	483.4748578370493	3.4288559573966126	0.24562896374858645
Rift Valleys	4558.681573774551	3476.8199350397153	76.26810249352286	1.7663952198152737
Seamounts	40770.27123331922	8923.98347791513	21.888457466581844	4.533821725489993
Bioregions	627043.768483426	196542.8274239839	31.3443554186567	99.85340550767916
Spreading Ridges	36410.260181007834	23733.018345638287	65.18222673403966	12.057538480791298

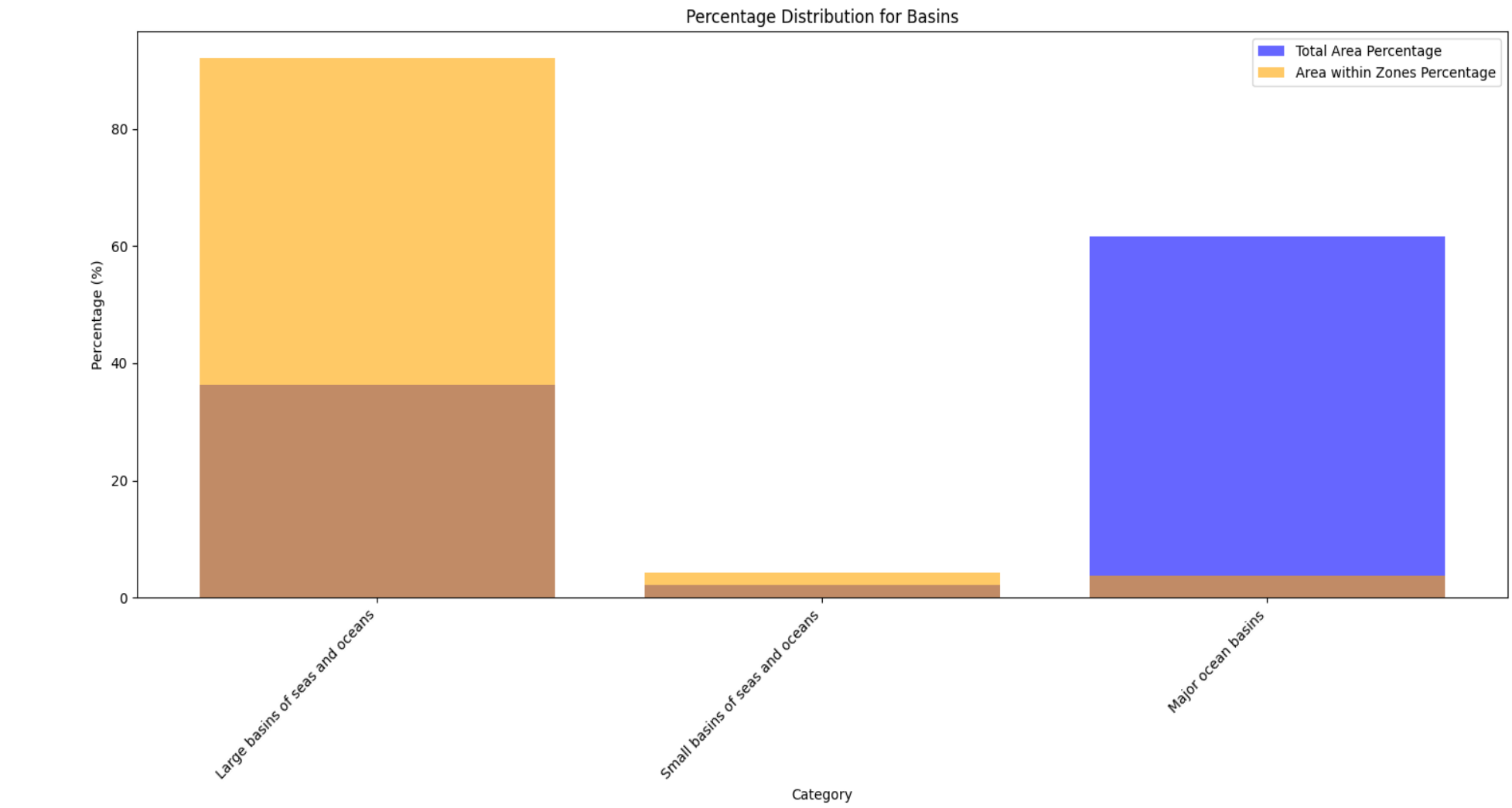
## Category Summary

Layer	Category	Total Area (sq.km)	Area within Zone (sq.km)	Percentage within Zone (%)	Percentage of Zone (%)
Abyssal Classification	Hills	201582.2434378854	65114.51861090523	32.30171343487866	33.08137222054953
Abyssal Classification	Mountains	357038.16024377034	128849.92914014465	36.08855956802249	65.46208982895988
Abyssal Classification	Plains	41664.184940100546	2094.7959325726492	5.027809701748108	1.0642591767532932
Basins	Large basins of seas and oceans	116314.01773673244	85523.52518832326	73.52813259524659	43.450149532313844
Basins	Small basins of seas and oceans	6803.097440691463	4039.6232645467508	59.3791769082197	2.052326941765663
Basins	Major ocean basins	198121.39330558438	3424.48024270889	1.7284757519481695	1.739804086519003
Canyons	blind	2683.6337085098035	336.20494051044193	12.527974270271534	0.17080861560037602
Canyons	shelf incising	664.5857218412732	0.0	0.0	0.0
Shelf Classification	high	2409.116100217259	0.0	0.0	0.0
Shelf Classification	medium	635.3277052451435	0.0	0.0	0.0
Bioregions	Palau Abyssal Range	23724.038419358312	939.0986823787935	3.958426747498895	0.4771082352499725
Bioregions	FSM - Palau Sea Mount Range	5631.789795682361	161.5489105737455	2.868518116524835	0.08207477773811417
Bioregions	Mussau Trench, Ayu Seamounts and associated trough and abyss	78406.82200305832	23316.90681947308	29.738364881774682	11.84613339670262
Bioregions	West Caroline and South Sorol Trough	46135.70267536435	46135.70267536436	100.00000000000003	23.439201969385692
Bioregions	Yap Trench and Patches	28570.824533415136	12481.95371158184	43.6877616079421	6.341445281042955
Bioregions	West Caroline and Mussau Ridge	25553.630786661386	1185.5453256659005	4.6394398336722364	0.6023152292201371
Bioregions	Palau Trench and Philippines, Indonesia Border	101296.68487340423	5575.156239275225	5.503789434217703	2.832453079186157
Bioregions	East Emden Deep	9186.983631959985	0.0	0.0	0.0
Bioregions	South Challenger Deep	9329.40808040983	5438.78073517502	58.29716835514499	2.7631676278129755
Bioregions	North Mussau Trench, South Palau and Micronesia	56088.25348665153	30703.748363956078	54.741851377603126	15.5990115547596
Bioregions	North Palau and Yap Trenches and Miklukho-Maklaya Seamount	155842.77730815363	46887.87201073632	30.086650674880627	23.82134091914913
Bioregions	Manokwari Abyss	3030.558080661014	223.36710761611442	7.370494201760833	0.1134814567705133
Bioregions	North Palau and Mariana Deep	1011.2655518538245	0.0	0.0	0.0
Bioregions	North of Yap Trench and Northwest Micronesia	6592.413411513879	401.2624707241759	6.08673099935385	0.2038610349173444
Bioregions	Northern Micronesia Patches	329.9006342147602	328.2032181701913	99.48547657429967	0.16674334781078992
Bioregions	West Palau to South Philippine Trench	20186.7994927928	0.0	0.0	0.0
Bioregions	Yap Island non contiguous	6956.1420878798335	4378.408521198868	62.94305760124813	2.2244464846453997
Bioregions	Sonsorol and East Kayangel	35081.31582206	12956.009208759977	36.931366184996165	6.582288747137799
Bioregions	Sonsorol and Tobi Ridge	14088.457808330795	5429.263423334231	38.53696051901292	2.7583323661499732

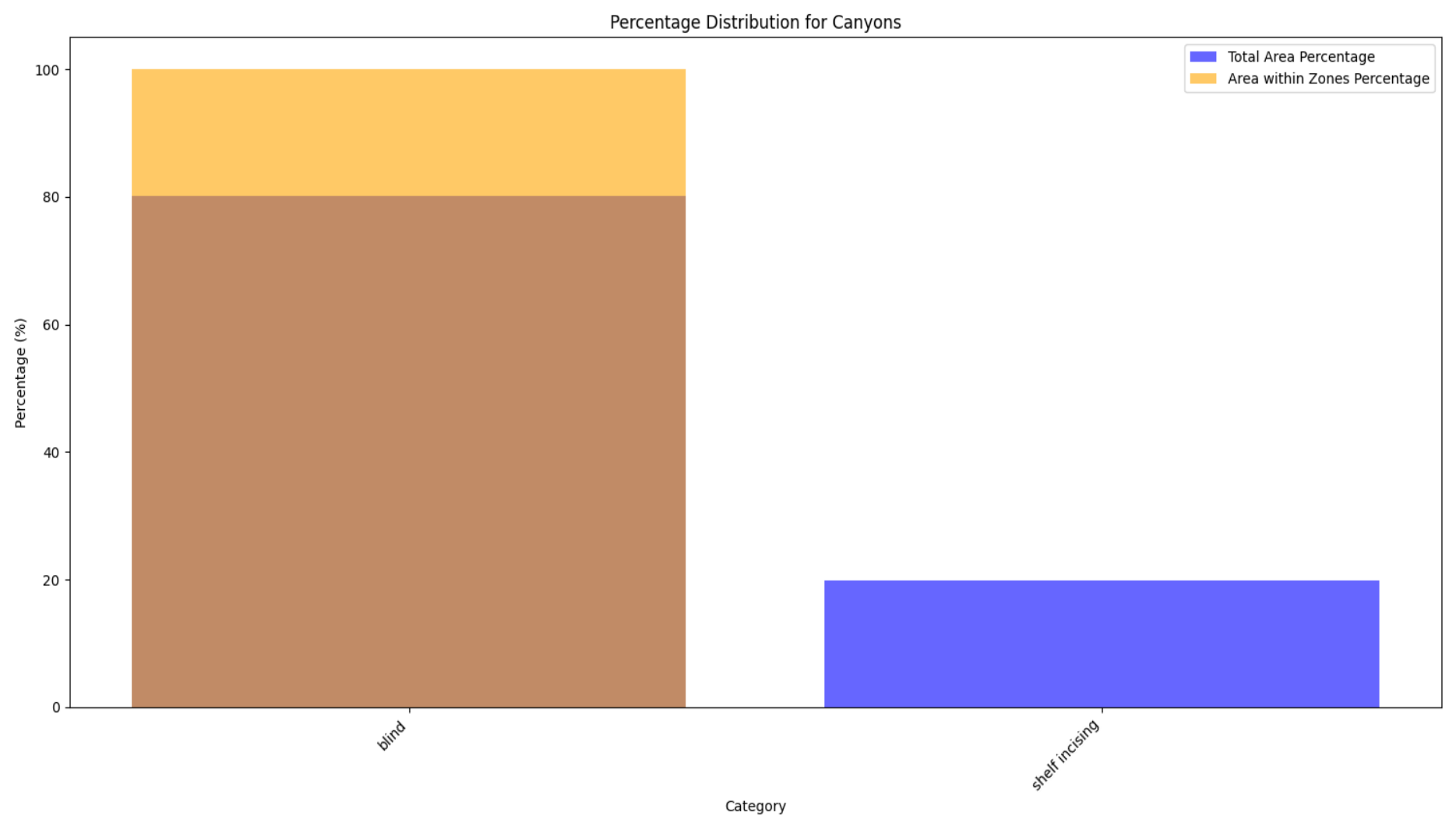
### Percentage Distribution for Abyssal Classification



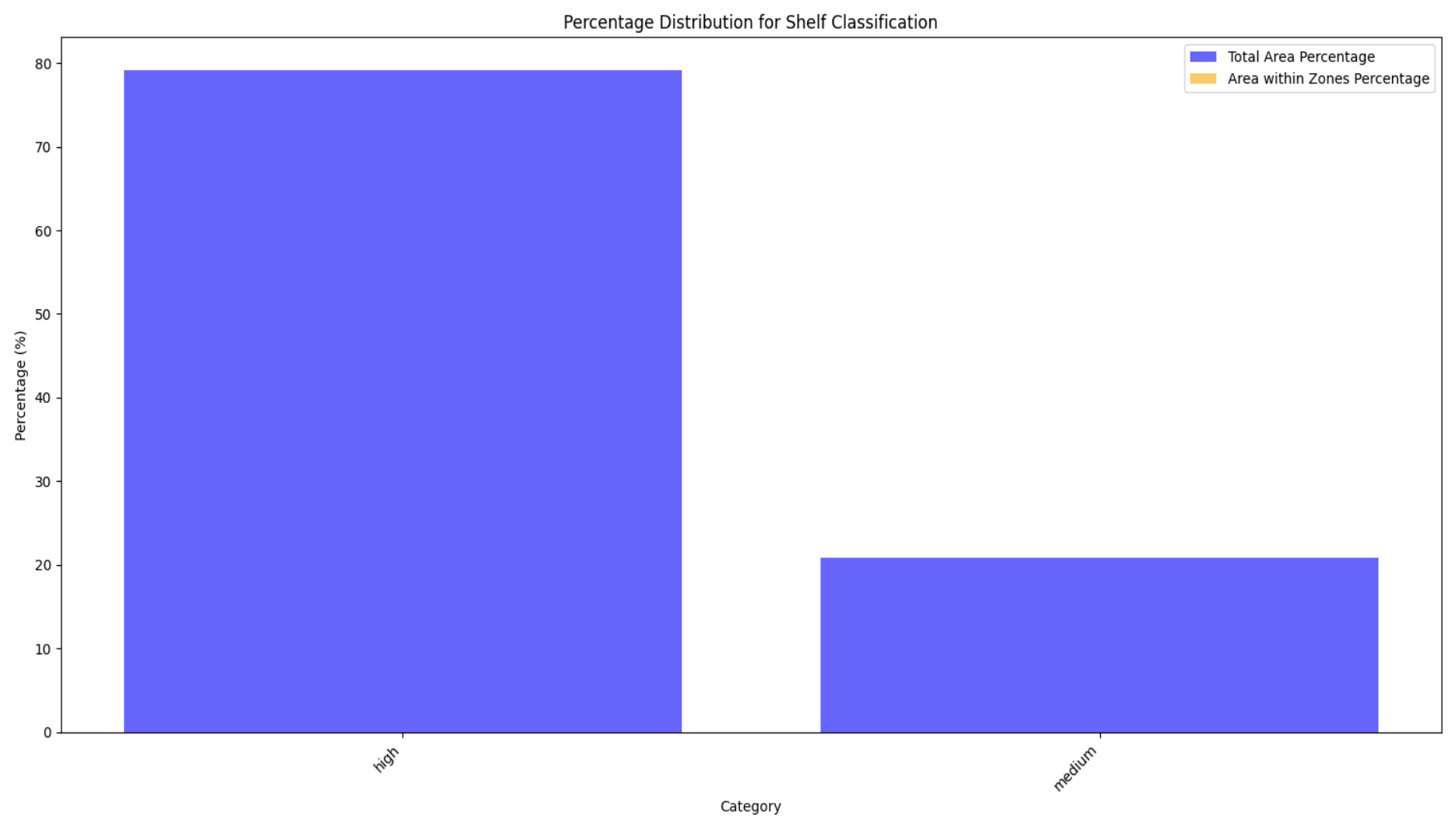
**Percentage Distribution for Basins**



**Percentage Distribution for Canyons**



**Percentage Distribution for Shelf Classification**



**Percentage Distribution for Bioregions**

