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|  | **Method** | **Description** |
| **Field Methods** | Acoustics | Used active or passive acoustics such as echosounders, hydrophones, etc. |
| Biologging | Relied on Instruments attached to animals to record position, environmental data, or a combination of the two |
| Experiment | Field or lab-based, a study that conducted an experiment related to hotspots |
| Fishery | Analyzed observer data, bycatch records, or other fishery dependent data |
| Paleontology | A study that used paleontology to identify hotspots |
| Radar | A study that used radar to identify hotspots |
| Social Survey | A study that interviewed participants |
| Survey | A study that used any form of field-based survey from ships, aircraft, drones, gliders, or personnel ashore |
| **Non-Field-Methods** | Database | Utilized a previously existing collection of data such as stranding network databases |
| Lab | A study largely carried out in lab with samples usually collected from the field |
| Model | A study that built or used previously existing models primarily to identify hotspots |
| Review | A literature review |
| Satellite | A study that used satellite imagery |

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| **Taxa** | **Description** |
| Fish | Bony and cartilaginous fishes |
| Invertebrates | Crustaceans, mollusks, worms, and other miscellaneous invertebrates |
| Krill | Euphausiids |
| Mammals | Cetaceans, pinnipeds, fissipeds, sirenians, and jaguars |
| Microbes | Microscopic organisms |
| Misc. | A mixture of many taxa usually from a global scale study |
| None | Studies that focused on the physical environment, pollution, etc. |
| Plankton | Phyto- and zooplankton |
| Plants & Seaweed | Mangroves and macroalgae |
| Reptiles | Sea turtles and sea snakes |
| Seabirds | Seabirds and shorebirds |

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| **Driver** | **Components** |
| Distance to physical features | land, icebergs, river mouth, shelf break, fronts, feeding areas, tidal channels, ice, edge of slope, |
| Circulation | wind, upwelling, currents, eddies, SSH, SSHA, MLD, shear stress, tide, waves, wave exposure, thermal stratification, current velocity, gulfstream north wall, SLA, swell, ekman transport, forcing, wind stress, gravitational sinking |
| Bathymetry & Topography | depth, slope, seamounts, aspect, canyons, shelf break, rugosity, islands, jetties, fjords, icebergs |
| Substrate | grain size, bottom type, reef structure, rhizome layer depth, roughness |
| Fishing | fishing pressure, gear type, wood debris |
| Hydrology & Climate | precipitation, monsoons, PDO, ENSO, El Niño, La Niña, alkalinity, pH, sedimentation, ice coverage, cloud coverage, climate |
| Water biogeochemistry | iron, silica, nitrates, particulate organic carbon, carbon cycling, POC, PIC, sediment organic content, aragonite saturation, pCO2 |
| Physical habitat structure | habitat complexity, type, wave exposure, canopy height, land area, reef area, structure |
| Shipping | traffic, vessel density, vessel speed, vessel type, visitation rate, proximity, ballast water, vessel track, vessel disturbance |
| Human activity | human impact, anthropogenic mortality, population, aquaculture, recreation, consumer demand, economic value, subsistence value, disturbance, live trade, plastic production, tourism, reclamation, desalinization, dredging, urban areas, climate change, Intrinsic importance, pristineness, threat type |
| Temperature | SST, temperature, isothermality |
| Salinity | salinity, density |
| Pollution | litter, oil, heavy metal, fishing gear, eutrophication, oil release rates, dumping, ship breakage, agriculture, deforestation, sewage, PCB exposure, heavy metal effluent, bulk discharge, noise |
| Primary Productivity | chl-a, NPTZ, nitrogen fixation, HAB |
| Species attributes | range size, life history, taxanomic group, social group size, wean size, taxa, behavior, body length, body shape, migratory behavior, enzymatic responses, colony location, colony size, physiological status, trophic level, ecological niche, dispersal mechanisms, sensitivity, diet, physiology, disease, DVM, Jansen-connell effects, intraspecific interactions, recruitment, nest distribution, abundance, distribution, body size, habitat, mortality, biomass, capture success, predator avoidance, grazing pressure |
| Misc water properties | Light (day length, light), pressure |

Use this table

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| Fishing | fishing pressure, gear type, wood debris |
| Hydrology & Climate | precipitation, monsoons, PDO, ENSO, El Niño, La Niña, alkalinity, pH, sedimentation, ice coverage, cloud coverage, climate |
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| Light | day length, light |