# Table S6. Source of data.

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| --- | --- | --- |
| Variable | Source | URL |
| Climate Change Data |  |  |
| All parameters analyzed here (Table S1) | CMIP5 | <http://esgf.org/wiki/Cmip5Status/P2PArchiveView> |
| Data for the test of accuracy |  |  |
| Temperature | WorldOcean database | <http://www.nodc.noaa.gov/OC5/WOA09/netcdf_data.html> |
| Oxygen | WorldOcean database | <http://www.nodc.noaa.gov/OC5/WOA09/netcdf_data.html> |
| Carbon Flux | Lutz et al [[1](#_ENREF_1)] |  |
| Primary carbon concentration | Ocean Color | <http://oceancolor.gsfc.nasa.gov/cgi/l3> |
|  pH (calculated with the software CO2Sys (ver 16) using the following variables |
|  Alkalinity | Global Ocean Data Analysis Project | <http://cdiac3.ornl.gov/las/servlets/dataset?lastvar=1> |
|  Total carbon | Global Ocean Data Analysis Project | <http://cdiac3.ornl.gov/las/servlets/dataset?lastvar=1> |
|  Salinity | WorldOcean database | http://www.nodc.noaa.gov/OC5/WOA09/netcdf\_data.html |
|  Phospate | WorldOcean database | http://www.nodc.noaa.gov/OC5/WOA09/netcdf\_data.html |
|  Silicate | WorldOcean database | http://www.nodc.noaa.gov/OC5/WOA09/netcdf\_data.html |
|  Depth | WorldOcean database | <http://www.nodc.noaa.gov/OC5/WOA09/netcdf_data.html> |
|  Software | CO2Sys (ver 16)  | http://www.ecy.wa.gov/programs/eap/models/co2sys\_ver16.zip, http://cdiac.esd.ornl.gov/oceans/co2rprt.html#phscales |
|  |  |  |
|  |  |  |
| Marine Habitats |  |  |
| Canyons | Harris & Whiteway | <http://oceanids.geoiq.grida.no/overlays/6574> |
| Coral reefs | UNEP-WCMC | [http://data.unep-wcmc.org/datasets](http://www.nceas.ucsb.edu/globalmarine/ecosystems) |
| Deep water | Halpern et al [[2](#_ENREF_2)] | <http://www.nceas.ucsb.edu/globalmarine/ecosystems> |
| Hard deep | Halpern et al [[2](#_ENREF_2)] | <http://www.nceas.ucsb.edu/globalmarine/ecosystems> |
| Hard shelf | Halpern et al [[2](#_ENREF_2)] | <http://www.nceas.ucsb.edu/globalmarine/ecosystems> |
| Hard slope | Halpern et al [[2](#_ENREF_2)] | <http://www.nceas.ucsb.edu/globalmarine/ecosystems> |
| Mangroves | United States Geological Survey | [http://data.unep-wcmc.org/datasets](http://www.nceas.ucsb.edu/globalmarine/ecosystems) |
| Rocky reefs | Halpern et al [[2](#_ENREF_2)] | <http://www.nceas.ucsb.edu/globalmarine/ecosystems> |
| Seagrasses | UNEP-WCMC | [http://data.unep-wcmc.org/datasets](http://www.nceas.ucsb.edu/globalmarine/ecosystems) |
| Seamounts | Halpern et al [[2](#_ENREF_2)] | <http://www.nceas.ucsb.edu/globalmarine/ecosystems> |
| Shoft shallow | Halpern et al [[2](#_ENREF_2)] | <http://www.nceas.ucsb.edu/globalmarine/ecosystems> |
| Soft deep | Halpern et al [[2](#_ENREF_2)] | <http://www.nceas.ucsb.edu/globalmarine/ecosystems> |
| Soft shelf | Halpern et al [[2](#_ENREF_2)] | <http://www.nceas.ucsb.edu/globalmarine/ecosystems> |
| Soft slope | Halpern et al [[2](#_ENREF_2)] | <http://www.nceas.ucsb.edu/globalmarine/ecosystems> |
| Surface water | Halpern et al [[2](#_ENREF_2)] | <http://www.nceas.ucsb.edu/globalmarine/ecosystems> |
| Vents | Halpern et al [[2](#_ENREF_2)] | <http://www.nceas.ucsb.edu/globalmarine/ecosystems> |
| Biodiversity Hotspot |  |  |
| All coastal species | Tittensor et al [[3](#_ENREF_3)] | <http://www.mathstat.dal.ca/~derekt/publications/global_patterns_and_predictors_of_marine_biodiversity_across_taxa.zip> |
| All taxa | Tittensor et al [[3](#_ENREF_3)] | <http://www.mathstat.dal.ca/~derekt/publications/global_patterns_and_predictors_of_marine_biodiversity_across_taxa.zip> |
| Cetaceans | Tittensor et al [[3](#_ENREF_3)] | <http://www.mathstat.dal.ca/~derekt/publications/global_patterns_and_predictors_of_marine_biodiversity_across_taxa.zip> |
| Coastal fishes | Tittensor et al [[3](#_ENREF_3)] | <http://www.mathstat.dal.ca/~derekt/publications/global_patterns_and_predictors_of_marine_biodiversity_across_taxa.zip> |
| Coral reefs | Tittensor et al [[3](#_ENREF_3)] | <http://www.mathstat.dal.ca/~derekt/publications/global_patterns_and_predictors_of_marine_biodiversity_across_taxa.zip> |
| Euphausiids | Tittensor et al [[3](#_ENREF_3)] | <http://www.mathstat.dal.ca/~derekt/publications/global_patterns_and_predictors_of_marine_biodiversity_across_taxa.zip> |
| Forams | Tittensor et al [[3](#_ENREF_3)] | <http://www.mathstat.dal.ca/~derekt/publications/global_patterns_and_predictors_of_marine_biodiversity_across_taxa.zip> |
| Mangroves | Tittensor et al [[3](#_ENREF_3)] | <http://www.mathstat.dal.ca/~derekt/publications/global_patterns_and_predictors_of_marine_biodiversity_across_taxa.zip> |
| Non-oceanic sharks | Tittensor et al [[3](#_ENREF_3)] | <http://www.mathstat.dal.ca/~derekt/publications/global_patterns_and_predictors_of_marine_biodiversity_across_taxa.zip> |
| Non-squid cephalopod | Tittensor et al [[3](#_ENREF_3)] | <http://www.mathstat.dal.ca/~derekt/publications/global_patterns_and_predictors_of_marine_biodiversity_across_taxa.zip> |
| Oceanic sharks | Tittensor et al [[3](#_ENREF_3)] | <http://www.mathstat.dal.ca/~derekt/publications/global_patterns_and_predictors_of_marine_biodiversity_across_taxa.zip> |
| Oceanic species | Tittensor et al [[3](#_ENREF_3)] | <http://www.mathstat.dal.ca/~derekt/publications/global_patterns_and_predictors_of_marine_biodiversity_across_taxa.zip> |
| Pinnipeds | Tittensor et al [[3](#_ENREF_3)] | <http://www.mathstat.dal.ca/~derekt/publications/global_patterns_and_predictors_of_marine_biodiversity_across_taxa.zip> |
| Seagrasses | Tittensor et al [[3](#_ENREF_3)] | <http://www.mathstat.dal.ca/~derekt/publications/global_patterns_and_predictors_of_marine_biodiversity_across_taxa.zip> |
| Squids | Tittensor et al [[3](#_ENREF_3)] | <http://www.mathstat.dal.ca/~derekt/publications/global_patterns_and_predictors_of_marine_biodiversity_across_taxa.zip> |
| Tunas and Bill fishes | Tittensor et al [[3](#_ENREF_3)] | <http://www.mathstat.dal.ca/~derekt/publications/global_patterns_and_predictors_of_marine_biodiversity_across_taxa.zip> |
|  |  |  |
| Socio-economic data |  |  |
| Gridded human population(counts of people in 2000) | Center for International Earth Science Information Network (CIESIN) | http://sedac.ciesin.columbia.edu/data/set/gpw-v3-population-count/data-download |
| Work Force | World Bank | <http://databank.worldbank.org/databank/download/WDIandGDF_excel.zip> |
| Gross Domestic Product | World Bank | <http://databank.worldbank.org/databank/download/WDIandGDF_excel.zip> |
| Animal Food Supply | FAO | <http://faostat3.fao.org/home/index.html#DOWNLOAD> |
| Ocean Jobs, revenues and food | Halper et al [[4](#_ENREF_4)] | ftp://ohi.nceas.ucsb.edu/pub/data/2012/index.html |
|  |  |  |
| Data for RCPs in Fig. S1 |  RCP Concentrations Calculation and Data | <http://www.pik-potsdam.de/~mmalte/rcps/> |

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