UN Biodiversity Lab Data List

UNDP

2026-03-16

For any questions please contact support@unbiodiversitylab.org.

Table 1: UN Biodiversity Lab Data List

Category	Data Name	Sub-Categories	Tags	License	Citation(s)
Agriculture	Average income of small-scale food producers (constant PPP 2017 USD)	Agriculture; Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Target 10; Policy/Global Biodiversity Framework/Target 10/Component Indicators; Society; Society/Socioeconomic	NA	CC BY 4.0	Food and Agriculture Organization of the United Nations (FAO), 2021. FAOSTAT Main Database. Indicator 2.3.2 Average income of small-scale food producers, by sex and indigenous status.
Agriculture	CBAS - Global 30-m Cropping Intensity	Agriculture; Sustainable Development	DPG Open Data	CC BY 4.0	Zhang, M., Wu, B., Zeng, H., et al. (2021). GCI30: a global dataset of 30 m cropping intensity using multisource remote sensing imagery. Earth System Science Data, 13(10), 4799-4817.Liu, C., Zhang, Q., Tao, S., et al. (2020). A new framework to map fine resolution cropping intensity across the globe: Algorithm, validation, and implication. Remote Sensing of Environment, 251, 112095.Miao Zhang, Bingfang Wu. Global 30-m cropping intensity in 2020 (GCI30_2020), Beijing: International Research Center of Big Data for Sustainable Development Goals (CBAS), 2022. Doi: 10.12237/casearth.62ff4caa819aec75a535cbe7
Agriculture	Crop Suitability 2011-2100	Agriculture; Climate and Carbon; Climate and Carbon/Climate Change Adaptation	DPG Open Data; Time Series	CC BY 4.0	Zabel F., Putzenlechner B., Mauser W. (2014): Global agricultural land resources – a high resolution suitability evaluation and its perspectives until 2100 under climate change conditions. Online available: PLOS ONE. DOI: 10.1371/journal.pone.0107522
Agriculture	Crop Suitability Change 1981-2100	Agriculture; Climate and Carbon; Climate and Carbon/Climate Change Adaptation	DPG Open Data; Time Series	CC BY 4.0	Zabel F., Putzenlechner B., Mauser W. (2014): Global agricultural land resources – a high resolution suitability evaluation and its perspectives until 2100 under climate change conditions. Online available: PLOS ONE. DOI: 10.1371/journal.pone.0107522
Agriculture	Cropland nutrient budget	Agriculture; Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Target 07; Policy/Global Biodiversity Framework/Target 07/Component Indicators	NA	CC BY 4.0	Food and Agriculture Organization of the United Nations (FAO). 2021. Cropland Nutrient Balance - Cropland Nitrogen. Available at: https://www.fao.org/faostat/en/#data/ESB
Agriculture	Fertilizer (NPK) use per area of cropland (kg/ha)	Agriculture; Human Impact	NA	CC BY 3.0 IGO	Food and Agriculture Organization of the United Nations (FAO), 2025. FAOSTAT Fertilizers by Nutrient. Available at https://www.fao.org/faostat/en/#data/RFN

Table 1: UN Biodiversity Lab Data List *(continued)*

Category	Data Name	Sub-Categories	Tags	License	Citation(s)
Agriculture	Global Maps of Irrigated Areas (GMIA)	Agriculture; Human Impact; Water; Water/Freshwater	DPG Open Data	CC BY-NC-SA 3.0 IGO	Siebert, S., Henrich, V., Frenken, K., Burke, J. 2013. Global Map of Irrigation Areas version 5. Rheinische Friedrich-Wilhelms-University, Bonn, Germany / Food and Agriculture Organization of the United Nations, Rome, Italy.Siebert, S., Döll, P., Hoogeveen, J., Faures, J.-M., Frenken, K., Feick, S., 2005. Development and validation of the global map of irrigation areas. Hydrology and Earth System Sciences 9, 535–547. https://doi.org/10.5194/hess-9-535-2005Döll, P., & Siebert, S. 2000. A digital global map of irrigated areas. Icid Journal, 49(2), 55-66.
Agriculture	Increase in Soil Organic Carbon (SOC)	Agriculture; Climate and Carbon; Climate and Carbon/Climate Change Mitigation	DPG Open Data	CC BY 4.0	Zomer, R.J., Bossio, D.A., Sommer, R., Verchot, L.V., 2017. Global Sequestration Potential of Increased Organic Carbon in Cropland Soils. Scientific Reports 7, 15554. https://doi.org/10.1038/s41598-017-15794-8
Agriculture	Land Degradation in Arable Lands	Agriculture; Human Impact; Restoration	NA	Data use notification	European Commission, Joint Research Centre (JRC) (2021): Land degradation in global arable lands. European Commission, Joint Research Centre (JRC) [Dataset] PID: http://data.europa.eu/89h/jrc-esdac-130Prăvălie, R., Patriche, C., Borrelli, P., Panagos, P., Roșca, B., Dumitraşcu, M., Nita, I.A., Săvulescu, I., Birsan, M.V. and Bandoc, G. 2021. Arable lands under the pressure of multiple land degradation processes. A global perspective. Environmental Research, 194, art no .110697.
Agriculture	Production and yields by crop production system	Agriculture	NA	CC0	Frolking, Steve; Wisser, Dominik; Grogan, Danielle; Proussevitch, Alexander; Glidden, Stanley, 2020, "GAEZ+_2015 Crop Yield", https://doi.org/10.7910/DVN/XGGJAV, Harvard Dataverse, V2Grogan, D., Frolking, S., Wisser, D. et al. Global gridded crop harvested area, production, yield, and monthly physical area data circa 2015. Sci Data 9, 15 (2022). https://doi.org/10.1038/s41597-021-01115-2
Agriculture	Proportion of agricultural area under productive and sustainable agriculture	Agriculture; Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Target 10; Policy/Global Biodiversity Framework/Target 10/Headline Indicators; Sustainable Development	NA	CC BY-NC-SA 3.0 IGO	Official data: FAO (2024). SDG Indicator 2.4.1 - Proportion of agricultural area under productive and sustainable agriculture. UN SDG Database.Proxy data: FAO via Our World in Data (2024). Progress towards productive and sustainable agriculture.
Agriculture	Risk of pesticide pollution at the global scale	Agriculture; Human Impact	NA	CC BY 4.0	Tang F.H.M, Lenzen M., McBratney A., and Maggi F. (2021). Risk of pesticide pollution at the global scale, Nature Geoscience.Tang, Fiona; McBratney, Alex; maggi, federico; Lenzen, Manfred (2021). Global pesticide pollution risk data sets. figshare. Dataset. https://doi.org/10.6084/m9.figshare.10302218.v1
Biodiversity	Allen Coral Atlas	Biodiversity; Biodiversity/Ecosystem; Water; Water/Oceans	NA	CC BY 4.0	Allen Coral Atlas (2022). Imagery, maps and monitoring of the world's tropical coral reefs. doi.org/10.5281/zenodo.3833242

Table 1: UN Biodiversity Lab Data List *(continued)*

Category	Data Name	Sub-Categories	Tags	License	Citation(s)
Biodiversity	Areas of global significance for biodiversity conservation	Biodiversity; Biodiversity/Species; Nature Based Solutions	DPG Open Data; NatureMap	CC BY-SA 4.0	Jung, M., Arnell, A., de Lamo, X., García-Rangel, S., Lewis, M., Mark, J., Merow, C., Miles, L., et al. (2021). Areas of global importance for conserving terrestrial biodiversity, carbon, and water. Nature Ecology and Evolution DOI: 10.1038/s41559-021-01528-7
Biodiversity	Areas of global significance for biodiversity conservation and carbon storage.	Biodiversity; Biodiversity/Species; Climate and Carbon; Climate and Carbon/Climate Change Mitigation; Ecosystem Services; Nature Based Solutions	NatureMap DPG Open Data	CC BY-SA 4.0	Jung, M., Arnell, A., de Lamo, X., García-Rangel, S., Lewis, M., Mark, J., Merow, C., Miles, L., et al. (2021). Areas of global importance for conserving terrestrial biodiversity, carbon, and water. Nature Ecology and Evolution DOI: 10.1038/s41559-021-01528-7
Biodiversity	Areas of global significance for biodiversity conservation and water provision	Biodiversity; Ecosystem Services; Nature Based Solutions; Water	NatureMap; DPG Open Data	CC BY-SA 4.0	Jung, M., Arnell, A., de Lamo, X., García-Rangel, S., Lewis, M., Mark, J., Merow, C., Miles, L., et al. (2021). Areas of global importance for conserving terrestrial biodiversity, carbon, and water. Nature Ecology and Evolution DOI: 10.1038/s41559-021-01528-7
Biodiversity	Areas of global significance for biodiversity conservation, carbon storage, and water provision	Biodiversity; Biodiversity/Species; Climate and Carbon; Climate and Carbon/Climate Change Mitigation; Ecosystem Services; Nature Based Solutions; Water	NatureMap DPG Open Data	CC BY-SA 4.0	Jung, M., Arnell, A., de Lamo, X., García-Rangel, S., Lewis, M., Mark, J., Merow, C., Miles, L., et al. (2021). Areas of global importance for conserving terrestrial biodiversity, carbon, and water. Nature Ecology and Evolution DOI: 10.1038/s41559-021-01528-7
Biodiversity	Australian mammal species distributions	Biodiversity; Biodiversity/Species	DPG Open Data	Creative Commons Attribution 4.0 International License	Google LLC, "Australian mammal species distributions". Accessed: <date>
Biodiversity	Bioclimatic Ecosystem Resilience Index (BERI)	Biodiversity; Biodiversity/Ecosystem; Climate and Carbon; Climate and Carbon/Climate Change Adaptation; Climate and Carbon/Climate Change Mitigation; Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Goal A; Policy/Global Biodiversity Framework/Goal A/Complementary Indicators; Policy/Global Biodiversity Framework/Target 08; Policy/Global Biodiversity Framework/Target 08/Component Indicators	NA	CC BY-NC 4.0	Harwood, Tom; Ware, Chris; Hoskins, Andrew; Ferrier, Simon; Bush, Alex; Golebiewski, Maciej; Hill, Samantha; Ota, Noboru; Perry, Justin; Purvis, Andy; Williams, Kristen (2022): BERI v2: Bioclimatic Ecosystem Resilience Index: 30s global time series. v1. CSIRO. Data Collection. https://doi.org/10.25919/437m-8b91

Table 1: UN Biodiversity Lab Data List *(continued)*

Category	Data Name	Sub-Categories	Tags	License	Citation(s)
Biodiversity	Biodiversity Habitat Index	Biodiversity; Biodiversity/Species; Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Goal A; Policy/Global Biodiversity Framework/Goal A/Component Indicators; Protected and Conserved Areas	NA	CC BY-NC 4.0	Harwood, Tom; Ware, Chris; Hoskins, Andrew; Ferrier, Simon; Bush, Alex; Golebiewski, Maciej; Hill, Samantha; Ota, Noboru; Perry, Justin; Purvis, Andy; Williams, Kristen (2022): BHI v2: Biodiversity Habitat Index: 30s global time series. v1. CSIRO. Data Collection. https://doi.org/10.25919/3j75-f539
Biodiversity	Biodiversity Intactness Index	Biodiversity; Biodiversity/Species	DPG Open Data; Time Series	CC BY 4.0	Newbold, T., Hudson, L.N., Arnell, A.P., Contu, S., Palma, A.D., Ferrier, S., Hill, S.L.L., Hoskins, A.J., Lysenko, I., Phillips, H.R.P., Burton, V.J., Chang, C.W.T., Emerson, S., Gao, D., Pask-Hale, G., Hutton, J., Jung, M., Sanchez-Ortiz, K., Simmons, B.I., Whitmee, S., Zhang, H., Purvis, J.P.W.S.& A., 2016. Global map of the Biodiversity Intactness Index, from Newbold et al. (2016) Science. Natural History Museum Data Portal (data.nhm.ac.uk). https://doi.org/10.5519/0009936
Biodiversity	Chloris Global Biomass - Annual Changes in Stocks	Biodiversity; Biodiversity/Ecosystem; Climate and Carbon	chloris; biomass; vegetation; change; carbon; MODIS; ABG; Aboveground	Creative Commons Attribution Non Commercial Share Alike 4.0 International	Chloris Geospatial (2025). Global Annual Change in Biomass Stocks 2004 - 2019. Accessed through Planetary Computer on 12.01.2026.
Biodiversity	Chloris Global Biomass - Annual Stocks	Biodiversity; Biodiversity/Ecosystem; Climate and Carbon	chloris; biomass; vegetation; change; carbon; MODIS; ABG; Aboveground	Creative Commons Attribution Non Commercial Share Alike 4.0 International	Chloris Geospatial (2025). Global Aboveground Biomass Stocks 2003 - 2019. Accessed through Planetary Computer on 12.01.2026.
Biodiversity	Coastal Protection: Fringing Reefs Providing Protection to People - Economic Value (GDP/PPP)	Biodiversity; Ecosystem Services; Water; Biodiversity/Ecosystem; Water/Oceans	Mapping Ocean Wealth Explorer	The Nature Conservancy	Burke L, Spalding M. 2022. Shoreline protection by the world's coral reefs: Mapping the benefits to people, assets, and infrastructure. Marine Policy 146:105311.
Biodiversity	Coastal Protection: Barrier Reefs Providing Protection to People	Biodiversity; Biodiversity/Ecosystem; Ecosystem Services; Water; Water/Oceans	Mapping Ocean Wealth Explorer	The Nature Conservancy	Burke L, Spalding M. 2022. Shoreline protection by the world's coral reefs: Mapping the benefits to people, assets, and infrastructure. Marine Policy 146:105311.
Biodiversity	Coastal Protection: Barrier Reefs Providing Protection to People - Economic Value (GDP/PPP)	Biodiversity; Ecosystem Services; Water; Water/Oceans; Biodiversity/Ecosystem	Mapping Ocean Wealth Explorer	The Nature Conservancy	Burke L, Spalding M. 2022. Shoreline protection by the world's coral reefs: Mapping the benefits to people, assets, and infrastructure. Marine Policy 146:105311.

Table 1: UN Biodiversity Lab Data List *(continued)*

Category	Data Name	Sub-Categories	Tags	License	Citation(s)
Biodiversity	Coastal Protection: Barrier Reefs Providing Protection to People - Infrastructure/NTL	Biodiversity; Biodiversity/Ecosystem; Water; Water/Oceans; Ecosystem Services	Mapping Ocean Wealth Explorer	The Nature Conservancy	Burke L, Spalding M. 2022. Shoreline protection by the world's coral reefs: Mapping the benefits to people, assets, and infrastructure. Marine Policy 146:105311.
Biodiversity	Coastal Protection: Coral Reef 1 in 25-year Storm – Built Capital Protected	Biodiversity; Ecosystem Services; Water; Biodiversity/Ecosystem; Water/Oceans	Mapping Ocean Wealth Explorer	The Nature Conservancy	Beck MW, Losada IJ, Menéndez P, Reguero BG, Díaz-Simal P, Fernández F. 2018. The global flood protection savings provided by coral reefs. Nature Communications 9:2186. Nature Publishing Group.
Biodiversity	Coastal Protection: Coral Reef Annual Expected Benefits – Built Capital Protected	Biodiversity; Ecosystem Services; Water; Biodiversity/Ecosystem; Water/Oceans	Mapping Ocean Wealth Explorer	The Nature Conservancy	Beck MW, Losada IJ, Menéndez P, Reguero BG, Díaz-Simal P, Fernández F. 2018. The global flood protection savings provided by coral reefs. Nature Communications 9:2186. Nature Publishing Group.
Biodiversity	Coastal Protection: Coral Reef Annual Expected Benefits – People Protected	Biodiversity; Ecosystem Services; Water; Biodiversity/Ecosystem; Water/Oceans	Mapping Ocean Wealth Explorer	The Nature Conservancy	Beck MW, Losada IJ, Menéndez P, Reguero BG, Díaz-Simal P, Fernández F. 2018. The global flood protection savings provided by coral reefs. Nature Communications 9:2186. Nature Publishing Group.
Biodiversity	Coastal Protection: Economic Values GDP/PPP Protected from Flooding per Decade	Biodiversity; Ecosystem Services; Water; Biodiversity/Ecosystem; Water/Oceans	Mapping Ocean Wealth Explorer	The Nature Conservancy	Burke L, Spalding M. 2022. Shoreline protection by the world's coral reefs: Mapping the benefits to people, assets, and infrastructure. Marine Policy 146:105311.
Biodiversity	Coastal Protection: Fringing Reefs Providing Protection to People (no. of People)	Biodiversity; Ecosystem Services; Water; Biodiversity/Ecosystem; Water/Oceans	Mapping Ocean Wealth Explorer	The Nature Conservancy	Burke L, Spalding M. 2022. Shoreline protection by the world's coral reefs: Mapping the benefits to people, assets, and infrastructure. Marine Policy 146:105311.
Biodiversity	Coastal Protection: Fringing Reefs Providing Protection to People - Infrastructure/NTL	Biodiversity; Ecosystem Services; Water; Biodiversity/Ecosystem; Water/Oceans	Mapping Ocean Wealth Explorer	The Nature Conservancy	Burke L, Spalding M. 2022. Shoreline protection by the world's coral reefs: Mapping the benefits to people, assets, and infrastructure. Marine Policy 146:105311.
Biodiversity	Coastal Protection: Infrastructure NTL Protected from Flooding per Decade	Biodiversity; Ecosystem Services; Water; Biodiversity/Ecosystem; Water/Oceans	Mapping Ocean Wealth Explorer	The Nature Conservancy	Burke L, Spalding M. 2022. Shoreline protection by the world's coral reefs: Mapping the benefits to people, assets, and infrastructure. Marine Policy 146:105311.
Biodiversity	Coastal Protection: Mangrove Annual Expected Benefit ($ Millions)	Biodiversity; Water; Water/Oceans; Ecosystem Services; Biodiversity/Ecosystem	Mapping Ocean Wealth Explorer	The Nature Conservancy	The Nature Conservancy. 2018. Mapping Ocean Wealth Explorer. http://maps.oceanwealth.org/
Biodiversity	Coastal Protection: Mangrove Annual Expected Benefit to People (No.)	Biodiversity; Ecosystem Services; Water; Biodiversity/Ecosystem; Water/Oceans	Mapping Ocean Wealth Explorer	The Nature Conservancy	The Nature Conservancy. 2018. Mapping Ocean Wealth Explorer. http://maps.oceanwealth.org/
Biodiversity	Coastal Protection: Number of People Avoiding Damage from Flooding per Decade	Biodiversity; Ecosystem Services; Water; Biodiversity/Ecosystem; Water/Oceans	Mapping Ocean Wealth Explorer	The Nature Conservancy	Burke L, Spalding M. 2022. Shoreline protection by the world's coral reefs: Mapping the benefits to people, assets, and infrastructure. Marine Policy 146:105311.

Table 1: UN Biodiversity Lab Data List *(continued)*

Category	Data Name	Sub-Categories	Tags	License	Citation(s)
Biodiversity	Coral Reef Connectivity	Biodiversity; Biodiversity/Ecosystem; Ecosystem Services; Water; Water/Oceans	DPG Open Data	CC BY 4.0	Beyer, Hawthorne L., Kennedy, Emma V., Wood, Sally, Puotinen, Marji, Skirving, William, and Hoegh-Guldberg, Ove(2019). 50 Reefs Global Coral Ocean Warming, Connectivity and Cyclone Dataset. The University of Queensland. Data Collection. https://doi.org/10.14264/uql.2019.782. Accessed through UN Biodiversity Lab (date) and Resource Watch. www.resourcewatch.org.Wood, S., Paris, C.B., Ridgwell, A. & Hendy, E.J. (2014) Modelling dispersal and connectivity of broadcast spawning corals at the global scale. Global Ecology and Biogeography, 23(1), 1–11.
Biodiversity	Coral Reef Tourism - Highest Value Reefs	Biodiversity; Biodiversity/Ecosystem; Ecosystem Services; Water; Water/Oceans	Mapping Ocean Wealth Explorer	The Nature Conservancy	Burke L, Spalding M. 2022. Shoreline protection by the world's coral reefs: Mapping the benefits to people, assets, and infrastructure. Marine Policy 146:105311.
Biodiversity	Coral Reef Tourism - Total Value	Biodiversity; Ecosystem Services; Water; Biodiversity/Ecosystem; Water/Oceans	Mapping Ocean Wealth Explorer	The Nature Conservancy	Burke L, Spalding M. 2022. Shoreline protection by the world's coral reefs: Mapping the benefits to people, assets, and infrastructure. Marine Policy 146:105311.
Biodiversity	Coral Reef Tourism - Total Visitation Value	Biodiversity; Ecosystem Services; Biodiversity/Ecosystem; Water; Water/Oceans	Mapping Ocean Wealth Explorer	The Nature Conservancy	Burke L, Spalding M. 2022. Shoreline protection by the world's coral reefs: Mapping the benefits to people, assets, and infrastructure. Marine Policy 146:105311.
Biodiversity	EDGE species richness country level	Biodiversity; Biodiversity/Species; Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Goal A; Policy/Global Biodiversity Framework/Goal A/Component Indicators	NA	CC BY 4.0	Pipins, S., Baillie, J. E., Bowmer, A., Pollock, L. J., Owen, N., & Gumbs, R. (2024). Advancing EDGE Zones to identify spatial conservation priorities of tetrapod evolutionary history. Nature Communications, 15(1), 7672.
Biodiversity	EDGE zones	Biodiversity; Biodiversity/Species; Boundaries; Boundaries/Biogeographical Regions; Human Impact	NA	CC BY 4.0	Pipins, S., Baillie, J. E., Bowmer, A., Pollock, L. J., Owen, N., & Gumbs, R. (2024). Advancing EDGE Zones to identify spatial conservation priorities of tetrapod evolutionary history. Nature Communications, 15(1), 7672.
Biodiversity	Ecological Intactness Index	Biodiversity; Biodiversity/Ecosystem; Human Impact; Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Goal A; Policy/Global Biodiversity Framework/Goal A/Component Indicators	NA	CC BY 3.0	Beyer, HL, Venter, O, Grantham, HS, Watson, JEM. Substantial losses in ecoregion intactness highlights urgency of globally coordinated action. Conservation Letters. 2020; 13:e12692. https://doi.org/10.1111/conl.12692
Biodiversity	Established alien species richess	Biodiversity; Biodiversity/Species; Human Impact	NA	CC BY 4.0 LEGAL CODE	Dawson, W., Moser, D., van Kleunen, M. et al. Global hotspots and correlates of alien species richness across taxonomic groups. Nat Ecol Evol 1, 0186 (2017). https://doi.org/10.1038/s41559-017-0186

Table 1: UN Biodiversity Lab Data List *(continued)*

Category	Data Name	Sub-Categories	Tags	License	Citation(s)
Biodiversity	Evolutionarily Distinct and Globally Endangered Species	Biodiversity; Biodiversity/Species; Human Impact	NA	CC BY 4.0	Pipins, S., Baillie, J. E., Bowmer, A., Pollock, L. J., Owen, N., & Gumbs, R. (2024). Advancing EDGE Zones to identify spatial conservation priorities of tetrapod evolutionary history. Nature Communications, 15(1), 7672.
Biodiversity	Forest Biodiversity Intactness Index	Biodiversity; Biodiversity/Ecosystem	DPG Open Data; NatureMap	CC BY-SA 2.0	Hill, Samantha L. L., Ricardo Gonzalez, Katia Sanchez-Ortiz, Emma Caton, Felipe Espinoza, Tim Newbold, Jason Tylianakis, Jörn P. W. Scharlemann, Adriana De Palma, and Andy Purvis. “Worldwide Impacts of Past and Projected Future Land-Use Change on Local Species Richness and the Biodiversity Intactness Index.” BioRxiv, May 1, 2018, 311787. https://doi.org/10.1101/311787. Hudson, Lawrence N., Tim Newbold, Sara Contu, Samantha L. L. Hill, Igor Lysenko, Adriana De Palma, Helen R. P. Phillips, et al. “The Database of the PREDICTS (Projecting Responses of Ecological Diversity In Changing Terrestrial Systems) Project.” Ecology and Evolution 7, no. 1 (2017): 145–88. https://doi.org/10.1002/ece3.2579. Lesiv, Myroslava, Dmitry Schepaschenko, Marcel Buchhorn, Linda See, Martina Duerauer, Ivelina Georgieva, Martin Jung, et al. “Methodology for Generating a Global Forest Management Layer.” Zenodo, July 7, 2020. https://doi.org/10.5281/zenodo.3933966. Newbold, Tim, Lawrence N. Hudson, Andrew P. Arnell, Sara Contu, Adriana De Palma, Simon Ferrier, Samantha L. L. Hill, et al. “Has Land Use Pushed Terrestrial Biodiversity beyond the Planetary Boundary? A Global Assessment.” Science 353, no. 6296 (July 15, 2016): 288–91. https://doi.org/10.1126/science.aaf2201. Scholes, R. J., and R. Biggs. “A Biodiversity Intactness Index.” Nature 434, no. 7029 (March 2005): 45–49. https://doi.org/10.1038/nature03289. Steffen, Will, Katherine Richardson, Johan Rockström, Sarah E. Cornell, Ingo Fetzer, Elena M. Bennett, Reinette Biggs, et al. “Planetary Boundaries: Guiding Human Development on a Changing Planet.” Science 347, no. 6223 (February 13, 2015). https://doi.org/10.1126/science.1259855.
Biodiversity	Forest Integrity Project: Forest Canopy Height	Biodiversity; Biodiversity/Ecosystem	DPG Open Data	CC BY 4.0	Hansen, M.C., Potapov, P.V., Goetz, S.J., Turubanova, S., Tyukavina, A., Krylov, A., Kommareddy, A., Egorov, A., 2016. Mapping tree height distributions in Sub-Saharan Africa using Landsat 7 and 8 data. Remote Sensing of Environment, Landsat 8 Science Results 185, 221–232.
Biodiversity	Forest Integrity Project: Forest Connectivity	Biodiversity; Climate and Carbon; Biodiversity/Ecosystem	DPG Open Data	CC BY 4.0	Jantz, P., et al. In Prep. Forest Spatial Morphology Database 1.0.
Biodiversity	Forest Integrity Project: Forest Fragmentation - 2000	Biodiversity; Biodiversity/Ecosystem; Restoration	DPG Open Data	CC BY 4.0	Jantz, P., et al. In Prep. Forest Spatial Morphology Database 1.0. Hansen, M.C., et al. 2013. High-Resolution Global Maps of 21st-Century Forest Cover Change. Science 342, 850–853. DOI: 10.1126/science.1244693.Potapov, P., et al., 2017. The last frontiers of wilderness: Tracking loss of intact forest landscapes from 2000 to 2013. Science Advances 3, e1600821. 10.1126/sciadv.1600821.

Table 1: UN Biodiversity Lab Data List *(continued)*

Category	Data Name	Sub-Categories	Tags	License	Citation(s)
Biodiversity	Forest Integrity Project: Forest Fragmentation - 2012	Biodiversity; Biodiversity/Ecosystem; Restoration	DPG Open Data	CC BY 4.0	Jantz, P., et al. In Prep. Forest Spatial Morphology Database 1.0. Hansen, M.C., et al. 2013. High-Resolution Global Maps of 21st-Century Forest Cover Change. Science 342, 850–853. DOI: 10.1126/science.1244693.Potapov, P., et al., 2017. The last frontiers of wilderness: Tracking loss of intact forest landscapes from 2000 to 2013. Science Advances 3, e1600821. 10.1126/sciadv.1600821.
Biodiversity	Forest Integrity Project: Forest Structural Condition Index (SCI)	Biodiversity; Biodiversity/Ecosystem	DPG Open Data	CC BY 4.0	Hansen, A., Barnett, K., Jantz, P., Phillips, L., Goetz, S.J., Hansen, M., Venter, O., Watson, J.E.M., Burns, P., Atkinson, S., Rodríguez-Buritica, S., Ervin, J., Virnig, A., Supples, C., Camargo, R.D., 2019. Global humid tropics forest structural condition and forest structural integrity maps. Sci Data 6, 1–12. https://doi.org/10.1038/s41597-019-0214-3
Biodiversity	Forest Integrity Project: Forest Structural Integrity Index (FSII)	Biodiversity; Biodiversity/Ecosystem	DPG Open Data	CC BY 4.0	Hansen, A., Barnett, K., Jantz, P., Phillips, L., Goetz, S.J., Hansen, M., Venter, O., Watson, J.E.M., Burns, P., Atkinson, S., Rodríguez-Buritica, S., Ervin, J., Virnig, A., Supples, C., Camargo, R.D., 2019. Global humid tropics forest structural condition and forest structural integrity maps. Sci Data 6, 1–12. https://doi.org/10.1038/s41597-019-0214-3
Biodiversity	Forest Landscape Integrity Index (FLII)	Biodiversity; Biodiversity/Ecosystem; Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Goal A; Policy/Global Biodiversity Framework/Goal A/Complementary Indicators	DPG Open Data	CC BY 4.0	Grantham, H.S., Duncan, A., Evans, T.D. et al. Anthropogenic modification of forests means only 40% of remaining forests have high ecosystem integrity. Nat Commun 11, 5978 (2020). https://doi.org/10.1038/s41467-020-19493-3
Biodiversity	GEBCO Grid 2025 - a continuous terrain model of the global oceans and land	Biodiversity; Biodiversity/Ecosystem; Water; Water/Oceans	bathymetry ocean; sea; seabed; seafloor; oceanography; hydrography; marine geology; marine; topography; DEM; Digital Elevation Model	Terms of Use	GEBCO Bathymetric Compilation Group 2025 (2025). The GEBCO_2025 Grid - a continuous terrain model of the global oceans and land. NERC EDS British Oceanographic Data Centre NOC. doi:10.5285/37c52e96-24ea-67ce-e063-7086abc05f29

Table 1: UN Biodiversity Lab Data List *(continued)*

Category	Data Name	Sub-Categories	Tags	License	Citation(s)
Biodiversity	Global Critical Habitat Screening Layer - Drill	Biodiversity; Biodiversity/Ecosystem; Biodiversity/Species	NA	CC BY-NC 4.0	UNEP-WCMC. (2023). Global Critical Habitat Screening Layer - Drill (Version 2.0) [Data set]. UNEP-WCMC. https://doi.org/10.34892/D3XM-QM60UNEP-WCMC (2017). Screening for Critical Habitat. UNEP-WCMC. Cambridge, UK. Available at: https://resources.unep-wcmc.org/products/WCMC_RT299Other cited reference(s): UNEP-WCMC (2017) Global Critical Habitat screening layer (Version 1.0). Cambridge (UK): UN Environment Programme World Conservation Monitoring Centre. Data DOI:https://doi.org/10.34892/nc6d-0z73.C.S. Martin, M.J. Tolley, E. Farmer, C.J. Mcowen, J.L. Geffert, J.P.W. Scharlemann, H.L. Thomas, J.H. van Bochove, D. Stanwell-Smith, J.M. Hutton, B. Lascelles, J.D. Pilgrim, J.M.M. Ekstrom, D.P. Tittensor, A global map to aid the identification and screening of critical habitat for marine industries, Marine Policy, Volume 53, 2015, Pages 45-53, ISSN 0308-597X, https://doi.org/10.1016/j.marpol.2014.11.007.Brauneder KM, Montes C, Blyth S, Bennun L, Butchart SHM, Hoffmann M, et al. (2018) Global screening for Critical Habitat in the terrestrial realm. PLoS ONE 13(3): e0193102. https://doi.org/10.1371/journal.pone.0193102
Biodiversity	Global Distribution of Modelled Mangrove Biomass	Biodiversity; Biodiversity/Ecosystem	NA	NA	Hutchison J, Manica A, Swetnam R, Balmford A, Spalding M (2014) Predicting global patterns in mangrove forest biomass. Conservation Letters 7(3): 233–240. doi: 10.1111/conl.12060;
Biodiversity	Global Distribution of Saltmarshes	Biodiversity; Biodiversity/Ecosystem; Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Goal A; Policy/Global Biodiversity Framework/Goal A/Complementary Indicators; Water; Water/Oceans	NA	CC BY-NC 3.0	Mcowen C, Weatherdon LV, Bochove J, Sullivan E, Blyth S, Zockler C, Stanwell-Smith D, Kingston N, Martin CS, Spalding M, Fletcher S (2017). A global map of saltmarshes. Biodiversity Data Journal 5: e11764. Paper DOI: https://doi.org/10.3897/BDJ.5.e11764; Data URL: http://data.unep-wcmc.org/datasets/43 (v.6)
Biodiversity	Global Distribution of Seagrasses	Biodiversity; Biodiversity/Ecosystem; Water; Water/Oceans	NA	UNEP-WCMC General Data License (excluding WDPA)	UNEP-WCMC, Short FT (2017). Global distribution of seagrasses (version 5.0). Fourth update to the data layer used in Green and Short (2003). Cambridge (UK): UN Environment World Conservation Monitoring Centre. URL: http://data.unep-wcmc.org/datasets/7
Biodiversity	Global Distribution of Warm-Water Coral Reefs	Biodiversity; Biodiversity/Ecosystem; Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Goal A; Policy/Global Biodiversity Framework/Goal A/Complementary Indicators; Water; Water/Oceans	NA	UNEP-WCMC General Data License (excluding WDPA)	UNEP-WCMC, WorldFish Centre, WRI, TNC (2018). Global distribution of warm-water coral reefs, compiled from multiple sources including the Millennium Coral Reef Mapping Project. Version 4.0. Includes contributions from IMaRS-USF and IRD (2005), IMaRS-USF (2005) and Spalding et al. (2001). Cambridge (UK): UN Environment World Conservation Monitoring Centre. URL: http://data.unep-wcmc.org/datasets/1

Table 1: UN Biodiversity Lab Data List *(continued)*

Category	Data Name	Sub-Categories	Tags	License	Citation(s)
Biodiversity	Global Forest Cover	Biodiversity; Biodiversity/Ecosystem; Land Cover and Land Use	DPG Open Data	CC BY 4.0	Hansen, M.C., Potapov, P.V., Moore, R., Hancher, M., Turubanova, S.A., Tyukavina, A., Thau, D., Stehman, S.V., Goetz, S.J., Loveland, T.R., Kommareddy, A., Egorov, A., Chini, L., Justice, C.O., Townshend, J.R.G., 2013. High-Resolution Global Maps of 21st-Century Forest Cover Change. Science 342, 850–853. https://doi.org/10.1126/science.1244693
Biodiversity	Global Habitats	Biodiversity; Biodiversity/Ecosystem; Biodiversity/Species; Land Cover and Land Use	DPG Open Data; NatureMap	CC BY 4.0	Jung, M., P. R. Dahal, S. H. M. Butchart, P. F. Donald, X. De Lamo, M. Lesiv, V. Kapos, C. Rondinini, and P. Visconti. 2020. A global map of terrestrial habitat types. Scientific Data 7:256. https://doi.org/10.5281/zenodo.3666245
Biodiversity	Global Intertidal Change	Biodiversity; Biodiversity/Ecosystem; Water; Water/Oceans	DPG Open Data	CC BY 4.0	Murray N. J., Phinn S. R., DeWitt M., Ferrari R., Johnston R., Lyons M. B., Clinton N., Thau D. & Fuller R. A. (2019) The global distribution and trajectory of tidal flats. Nature. 565:222-225. http://dx.doi.org/10.1038/s41586-018-0805-8
Biodiversity	Global Lakes and Wetlands Database v2	Biodiversity; Biodiversity/Ecosystem	Lakes; Wetlands; Inland Surface Water; Global	CC BY 4.0	The development and characteristics of GLWD v2.0 are fully described in Lehner et al. (2025). Citations and acknowledgements of the database should be made as follows:Lehner, B., Anand, M., Fluet-Chouinard, E., Tan, F., Aires, F., Allen, G.H., Bousquet, P., Canadell, J.G., Davidson, N., Ding, M., Finlayson, C.M., Gumbricht, T., Hilarides, L., Hugelius, G., Jackson, R.B., Korver, M.C., Liu, L., McIntyre, P.B., Matthews, E., Nagy, S., Olefeldt, D., Pavelsky, T.M., Pekel, J.-F., Poulter, B., Prigent, C., Wang, J., Worthington, T.A., Yamazaki, D., Zhang, X., Thieme, M. (2025). Mapping the world's inland surface waters: an upgrade to the Global Lakes and Wetlands Database (GLWD v2). Earth System Science Data. [For journal volume, pages, and DOI see reference information at https://doi.org/10.6084/m9.figshare.28519994]
Biodiversity	Global Mangrove Watch (SDG 6.6.1 Indicator)	Biodiversity; Biodiversity/Ecosystem; Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Goal A; Policy/Global Biodiversity Framework/Goal A/Complementary Indicators	DPG Open Data	CC BY 4.0	Bunting, P., Rosenqvist, A., Lucas, R.M., Rebelo, L.-M., Hilarides, L., Thomas, N., Hardy, A., Itoh, T., Shimada, M., Finlayson, C.M., 2018. The Global Mangrove Watch—A New 2010 Global Baseline of Mangrove Extent. Remote Sensing 10, 1669. https://doi.org/10.3390/rs10101669
Biodiversity	Global Potential Habitats	Biodiversity; Biodiversity/Ecosystem; Biodiversity/Species	DPG Open Data; NatureMap	CC BY 4.0	Jung, M. (2020). A layer of global potential habitats (Version 004) [Data set]. Zenodo. https://doi.org/10.5281/zenodo.4038749

Table 1: UN Biodiversity Lab Data List *(continued)*

Category	Data Name	Sub-Categories	Tags	License	Citation(s)
Biodiversity	Global Wetlands: Tropical and Subtropical Wetlands Distribution	Biodiversity; Biodiversity/Ecosystem; Water	DPG Open Data	CC BY 4.0	Gumbricht T, Román-Cuesta RM, Verchot LV, Herold M, Wittmann F, Householder E, Herold N, Murdiyarso D. 2022, April 18. Tropical and Subtropical Wetlands Distribution. Center for International Forestry Research (CIFOR). Available from https://data.cifor.org/dataset.xhtml?persistentId=doi:10.17528/ related publication:Gumbricht, T., Roman-Cuesta, R.M., Verchot, L., Herold, M., Wittmann, F., Householder, E., Herold, N., Murdiyarso, D., 2017. An expert system model for mapping tropical wetlands and peatlands reveals South America as the largest contributor. Global Change Biology 23, 3581–3599. https://doi.org/10.1111/gcb.13689
Biodiversity	Global Wind Atlas: Power Density	Biodiversity; Society; Society/Socioeconomic	DPG Open Data	CC BY 4.0	[Data/information/map obtained from the] "Global Wind Atlas 3.0, a free, web-based application developed, owned and operated by the Technical University of Denmark (DTU). The Global Wind Atlas 3.0 is released in partnership with the World Bank Group, utilizing data provided by Vortex, using funding provided by the Energy Sector Management Assistance Program (ESMAP). For additional information: https://globalwindatlas.info"
Biodiversity	Global map of number of invasive alien species	Biodiversity; Biodiversity/Species; Human Impact	NA	CC BY 4.0	Turbelin, A.J., Malamud, B.D. and Francis, R.A. (2017), Mapping the global state of invasive alien species: patterns of invasion and policy responses. Global Ecol. Biogeogr., 26: 78-92. https://doi.org/10.1111/geb.12517
Biodiversity	High Biodiversity Areas	Biodiversity; Biodiversity/Species	DPG Open Data; Global Safety Net	CC BY 4.0	Dinerstein, E., Joshi, A.R., Vynne, C., Lee, A.T.L., Pharand-Deschênes, F., França, M., Fernando, S., Birch, T., Burkart, K., Asner, G.P., Olson, D., 2020. A "Global Safety Net" to reverse biodiversity loss and stabilize Earth's climate. Science Advances 6, eabb2824. https://doi.org/10.1126/sciadv.abb2824
Biodiversity	Human Impact on Forests	Biodiversity; Human Impact; Restoration; Biodiversity/Ecosystem	DPG Open Data; NatureMap	CC BY 4.0	Lesiv, M., Schepaschenko, D., Buchhorn, M. et al. Global forest management data for 2015 at a 100 m resolution. Sci Data 9, 199 (2022).Lesiv, M., Schepaschenko, D., Buchhorn, M., See, L., Duerauer, M., Georgieva, I., ... Blyshchyk, I. (2020). Methodology for generating a global forest management layer. Zenodo. http://doi.org/10.5281/zenodo.3933966
Biodiversity	Human Industrial Index 2017-2023 (Preview)	Biodiversity; Human Impact	Time Series	NA	NA

Table 1: UN Biodiversity Lab Data List *(continued)*

Category	Data Name	Sub-Categories	Tags	License	Citation(s)
Biodiversity	IUCN Global Ecosystem Typology - Anthropogenic marine biome (M4)	Biodiversity; Biodiversity/Ecosystem	NA	CC BY 4.0 LEGAL CODE	Keith, D. A., J. R. Ferrer-Paris, E. Nicholson, M. Bishop, B. A, Polidoro, E. Ramirez-Llodra, M. G. Tozer, J. L. Nel, R. Mac Nally, E. J. Gregr, K. E. Watermeyer, F. Essl, D. Faber-Langendoen, J. Franklin, C. E. R. Lehmann, A. Etter, D. J. Roux, J. S. Stark, J. A. Rowland, N. A. Brummitt, U. C. Fernandez-Arcaya, I. M. Suthers, S. K. Wiser, I. Donohue, L. J. Jackson, R. T. Pennington, N. Pettorelli, A. Andrade, A. Lindgaard, T. Tahvanainen, A. Terauds, M. A. Chadwick, N. J. Murray, J. Moat, P. Pliscoff, I. Zager, and R. T. Kingsford (2022) A function-based typology for Earth's ecosystems Nature 610, 513–518. DOI:10.1038/s41586-022-05318-4.Keith, David A., Ferrer-Paris, Jose R., Nicholson, Emily, & Kingsford, Richard T. (eds.) (2020). Indicative distribution maps for Ecosystem Functional Groups - Level 3 of IUCN Global Ecosystem Typology (Version 2.1.1) [Data set]. Zenodo. DOI: 10.5281/zenodo.3546513
Biodiversity	IUCN Global Ecosystem Typology - Anthropogenic shorelines biome (MT3)	Biodiversity; Biodiversity/Ecosystem	NA	CC BY 4.0 LEGAL CODE	Keith, D. A., J. R. Ferrer-Paris, E. Nicholson, M. Bishop, B. A, Polidoro, E. Ramirez-Llodra, M. G. Tozer, J. L. Nel, R. Mac Nally, E. J. Gregr, K. E. Watermeyer, F. Essl, D. Faber-Langendoen, J. Franklin, C. E. R. Lehmann, A. Etter, D. J. Roux, J. S. Stark, J. A. Rowland, N. A. Brummitt, U. C. Fernandez-Arcaya, I. M. Suthers, S. K. Wiser, I. Donohue, L. J. Jackson, R. T. Pennington, N. Pettorelli, A. Andrade, A. Lindgaard, T. Tahvanainen, A. Terauds, M. A. Chadwick, N. J. Murray, J. Moat, P. Pliscoff, I. Zager, and R. T. Kingsford (2022) A function-based typology for Earth's ecosystems Nature 610, 513–518. DOI:10.1038/s41586-022-05318-4.Keith, David A., Ferrer-Paris, Jose R., Nicholson, Emily, & Kingsford, Richard T. (eds.) (2020). Indicative distribution maps for Ecosystem Functional Groups - Level 3 of IUCN Global Ecosystem Typology (Version 2.1.1) [Data set]. Zenodo. DOI: 10.5281/zenodo.3546513
Biodiversity	IUCN Global Ecosystem Typology - Anthropogenic subterranean freshwaters biome (SF2)	Biodiversity; Biodiversity/Ecosystem	NA	CC BY 4.0 LEGAL CODE	Keith, D. A., J. R. Ferrer-Paris, E. Nicholson, M. Bishop, B. A, Polidoro, E. Ramirez-Llodra, M. G. Tozer, J. L. Nel, R. Mac Nally, E. J. Gregr, K. E. Watermeyer, F. Essl, D. Faber-Langendoen, J. Franklin, C. E. R. Lehmann, A. Etter, D. J. Roux, J. S. Stark, J. A. Rowland, N. A. Brummitt, U. C. Fernandez-Arcaya, I. M. Suthers, S. K. Wiser, I. Donohue, L. J. Jackson, R. T. Pennington, N. Pettorelli, A. Andrade, A. Lindgaard, T. Tahvanainen, A. Terauds, M. A. Chadwick, N. J. Murray, J. Moat, P. Pliscoff, I. Zager, and R. T. Kingsford (2022) A function-based typology for Earth's ecosystems Nature 610, 513–518. DOI:10.1038/s41586-022-05318-4.Keith, David A., Ferrer-Paris, Jose R., Nicholson, Emily, & Kingsford, Richard T. (eds.) (2020). Indicative distribution maps for Ecosystem Functional Groups - Level 3 of IUCN Global Ecosystem Typology (Version 2.1.1) [Data set]. Zenodo. DOI: 10.5281/zenodo.3546513

Table 1: UN Biodiversity Lab Data List *(continued)*

Category	Data Name	Sub-Categories	Tags	License	Citation(s)
Biodiversity	IUCN Global Ecosystem Typology - Anthropogenic subterranean voids biome (S2)	Biodiversity; Biodiversity/Ecosystem	NA	CC BY 4.0 LEGAL CODE	Keith, D. A., J. R. Ferrer-Paris, E. Nicholson, M. Bishop, B. A, Polidoro, E. Ramirez-Llodra, M. G. Tozer, J. L. Nel, R. Mac Nally, E. J. Gregr, K. E. Watermeyer, F. Essl, D. Faber-Langendoen, J. Franklin, C. E. R. Lehmann, A. Etter, D. J. Roux, J. S. Stark, J. A. Rowland, N. A. Brummitt, U. C. Fernandez-Arcaya, I. M. Suthers, S. K. Wiser, I. Donohue, L. J. Jackson, R. T. Pennington, N. Pettorelli, A. Andrade, A. Lindgaard, T. Tahvanainen, A. Terauds, M. A. Chadwick, N. J. Murray, J. Moat, P. Pliscoff, I. Zager, and R. T. Kingsford (2022) A function-based typology for Earth's ecosystems Nature 610, 513–518. DOI:10.1038/s41586-022-05318-4.Keith, David A., Ferrer-Paris, Jose R., Nicholson, Emily, & Kingsford, Richard T. (eds.) (2020). Indicative distribution maps for Ecosystem Functional Groups - Level 3 of IUCN Global Ecosystem Typology (Version 2.1.1) [Data set]. Zenodo. DOI: 10.5281/zenodo.3546513
Biodiversity	IUCN Global Ecosystem Typology - Artificial wetlands biome (F3)	Biodiversity; Biodiversity/Ecosystem	NA	CC BY 4.0 LEGAL CODE	Keith, D. A., J. R. Ferrer-Paris, E. Nicholson, M. Bishop, B. A, Polidoro, E. Ramirez-Llodra, M. G. Tozer, J. L. Nel, R. Mac Nally, E. J. Gregr, K. E. Watermeyer, F. Essl, D. Faber-Langendoen, J. Franklin, C. E. R. Lehmann, A. Etter, D. J. Roux, J. S. Stark, J. A. Rowland, N. A. Brummitt, U. C. Fernandez-Arcaya, I. M. Suthers, S. K. Wiser, I. Donohue, L. J. Jackson, R. T. Pennington, N. Pettorelli, A. Andrade, A. Lindgaard, T. Tahvanainen, A. Terauds, M. A. Chadwick, N. J. Murray, J. Moat, P. Pliscoff, I. Zager, and R. T. Kingsford (2022) A function-based typology for Earth's ecosystems Nature 610, 513–518. DOI:10.1038/s41586-022-05318-4.Keith, David A., Ferrer-Paris, Jose R., Nicholson, Emily, & Kingsford, Richard T. (eds.) (2020). Indicative distribution maps for Ecosystem Functional Groups - Level 3 of IUCN Global Ecosystem Typology (Version 2.1.1) [Data set]. Zenodo. DOI: 10.5281/zenodo.3546513
Biodiversity	IUCN Global Ecosystem Typology - Brackish tidal biome (MFT1)	Biodiversity; Biodiversity/Ecosystem	NA	CC BY 4.0 LEGAL CODE	Keith, D. A., J. R. Ferrer-Paris, E. Nicholson, M. Bishop, B. A, Polidoro, E. Ramirez-Llodra, M. G. Tozer, J. L. Nel, R. Mac Nally, E. J. Gregr, K. E. Watermeyer, F. Essl, D. Faber-Langendoen, J. Franklin, C. E. R. Lehmann, A. Etter, D. J. Roux, J. S. Stark, J. A. Rowland, N. A. Brummitt, U. C. Fernandez-Arcaya, I. M. Suthers, S. K. Wiser, I. Donohue, L. J. Jackson, R. T. Pennington, N. Pettorelli, A. Andrade, A. Lindgaard, T. Tahvanainen, A. Terauds, M. A. Chadwick, N. J. Murray, J. Moat, P. Pliscoff, I. Zager, and R. T. Kingsford (2022) A function-based typology for Earth's ecosystems Nature 610, 513–518. DOI:10.1038/s41586-022-05318-4.Keith, David A., Ferrer-Paris, Jose R., Nicholson, Emily, & Kingsford, Richard T. (eds.) (2020). Indicative distribution maps for Ecosystem Functional Groups - Level 3 of IUCN Global Ecosystem Typology (Version 2.1.1) [Data set]. Zenodo. DOI: 10.5281/zenodo.3546513

Table 1: UN Biodiversity Lab Data List *(continued)*

Category	Data Name	Sub-Categories	Tags	License	Citation(s)
Biodiversity	IUCN Global Ecosystem Typology - Deep sea floors biome (M3)	Biodiversity; Biodiversity/Ecosystem	NA	CC BY 4.0 LEGAL CODE	Keith, D. A., J. R. Ferrer-Paris, E. Nicholson, M. Bishop, B. A, Polidoro, E. Ramirez-Llodra, M. G. Tozer, J. L. Nel, R. Mac Nally, E. J. Gregr, K. E. Watermeyer, F. Essl, D. Faber-Langendoen, J. Franklin, C. E. R. Lehmann, A. Etter, D. J. Roux, J. S. Stark, J. A. Rowland, N. A. Brummitt, U. C. Fernandez-Arcaya, I. M. Suthers, S. K. Wiser, I. Donohue, L. J. Jackson, R. T. Pennington, N. Pettorelli, A. Andrade, A. Lindgaard, T. Tahvanainen, A. Terauds, M. A. Chadwick, N. J. Murray, J. Moat, P. Pliscoff, I. Zager, and R. T. Kingsford (2022) A function-based typology for Earth's ecosystems Nature 610, 513–518. DOI:10.1038/s41586-022-05318-4.Keith, David A., Ferrer-Paris, Jose R., Nicholson, Emily, & Kingsford, Richard T. (eds.) (2020). Indicative distribution maps for Ecosystem Functional Groups - Level 3 of IUCN Global Ecosystem Typology (Version 2.1.1) [Data set]. Zenodo. DOI: 10.5281/zenodo.3546513
Biodiversity	IUCN Global Ecosystem Typology - Deserts and semi-deserts biome (T5)	Biodiversity; Biodiversity/Ecosystem	NA	CC BY 4.0 LEGAL CODE	Keith, D. A., J. R. Ferrer-Paris, E. Nicholson, M. Bishop, B. A, Polidoro, E. Ramirez-Llodra, M. G. Tozer, J. L. Nel, R. Mac Nally, E. J. Gregr, K. E. Watermeyer, F. Essl, D. Faber-Langendoen, J. Franklin, C. E. R. Lehmann, A. Etter, D. J. Roux, J. S. Stark, J. A. Rowland, N. A. Brummitt, U. C. Fernandez-Arcaya, I. M. Suthers, S. K. Wiser, I. Donohue, L. J. Jackson, R. T. Pennington, N. Pettorelli, A. Andrade, A. Lindgaard, T. Tahvanainen, A. Terauds, M. A. Chadwick, N. J. Murray, J. Moat, P. Pliscoff, I. Zager, and R. T. Kingsford (2022) A function-based typology for Earth's ecosystems Nature 610, 513–518. DOI:10.1038/s41586-022-05318-4.Keith, David A., Ferrer-Paris, Jose R., Nicholson, Emily, & Kingsford, Richard T. (eds.) (2020). Indicative distribution maps for Ecosystem Functional Groups - Level 3 of IUCN Global Ecosystem Typology (Version 2.1.1) [Data set]. Zenodo. DOI: 10.5281/zenodo.3546513
Biodiversity	IUCN Global Ecosystem Typology - Intensive land-use biome (T7)	Biodiversity; Biodiversity/Ecosystem	NA	CC BY 4.0 LEGAL CODE	Keith, D. A., J. R. Ferrer-Paris, E. Nicholson, M. Bishop, B. A, Polidoro, E. Ramirez-Llodra, M. G. Tozer, J. L. Nel, R. Mac Nally, E. J. Gregr, K. E. Watermeyer, F. Essl, D. Faber-Langendoen, J. Franklin, C. E. R. Lehmann, A. Etter, D. J. Roux, J. S. Stark, J. A. Rowland, N. A. Brummitt, U. C. Fernandez-Arcaya, I. M. Suthers, S. K. Wiser, I. Donohue, L. J. Jackson, R. T. Pennington, N. Pettorelli, A. Andrade, A. Lindgaard, T. Tahvanainen, A. Terauds, M. A. Chadwick, N. J. Murray, J. Moat, P. Pliscoff, I. Zager, and R. T. Kingsford (2022) A function-based typology for Earth's ecosystems Nature 610, 513–518. DOI:10.1038/s41586-022-05318-4.Keith, David A., Ferrer-Paris, Jose R., Nicholson, Emily, & Kingsford, Richard T. (eds.) (2020). Indicative distribution maps for Ecosystem Functional Groups - Level 3 of IUCN Global Ecosystem Typology (Version 2.1.1) [Data set]. Zenodo. DOI: 10.5281/zenodo.3546513

Table 1: UN Biodiversity Lab Data List *(continued)*

Category	Data Name	Sub-Categories	Tags	License	Citation(s)
Biodiversity	IUCN Global Ecosystem Typology - Lakes biome (F2)	Biodiversity; Biodiversity/Ecosystem	NA	CC BY 4.0 LEGAL CODE	Keith, D. A., J. R. Ferrer-Paris, E. Nicholson, M. Bishop, B. A, Polidoro, E. Ramirez-Llodra, M. G. Tozer, J. L. Nel, R. Mac Nally, E. J. Gregr, K. E. Watermeyer, F. Essl, D. Faber-Langendoen, J. Franklin, C. E. R. Lehmann, A. Etter, D. J. Roux, J. S. Stark, J. A. Rowland, N. A. Brummitt, U. C. Fernandez-Arcaya, I. M. Suthers, S. K. Wiser, I. Donohue, L. J. Jackson, R. T. Pennington, N. Pettorelli, A. Andrade, A. Lindgaard, T. Tahvanainen, A. Terauds, M. A. Chadwick, N. J. Murray, J. Moat, P. Pliscoff, I. Zager, and R. T. Kingsford (2022) A function-based typology for Earth's ecosystems Nature 610, 513–518. DOI:10.1038/s41586-022-05318-4.Keith, David A., Ferrer-Paris, Jose R., Nicholson, Emily, & Kingsford, Richard T. (eds.) (2020). Indicative distribution maps for Ecosystem Functional Groups - Level 3 of IUCN Global Ecosystem Typology (Version 2.1.1) [Data set]. Zenodo. DOI: 10.5281/zenodo.3546513
Biodiversity	IUCN Global Ecosystem Typology - Marine shelf biome (M1)	Biodiversity; Biodiversity/Ecosystem	NA	CC BY 4.0 LEGAL CODE	Keith, D. A., J. R. Ferrer-Paris, E. Nicholson, M. Bishop, B. A, Polidoro, E. Ramirez-Llodra, M. G. Tozer, J. L. Nel, R. Mac Nally, E. J. Gregr, K. E. Watermeyer, F. Essl, D. Faber-Langendoen, J. Franklin, C. E. R. Lehmann, A. Etter, D. J. Roux, J. S. Stark, J. A. Rowland, N. A. Brummitt, U. C. Fernandez-Arcaya, I. M. Suthers, S. K. Wiser, I. Donohue, L. J. Jackson, R. T. Pennington, N. Pettorelli, A. Andrade, A. Lindgaard, T. Tahvanainen, A. Terauds, M. A. Chadwick, N. J. Murray, J. Moat, P. Pliscoff, I. Zager, and R. T. Kingsford (2022) A function-based typology for Earth's ecosystems Nature 610, 513–518. DOI:10.1038/s41586-022-05318-4.Keith, David A., Ferrer-Paris, Jose R., Nicholson, Emily, & Kingsford, Richard T. (eds.) (2020). Indicative distribution maps for Ecosystem Functional Groups - Level 3 of IUCN Global Ecosystem Typology (Version 2.1.1) [Data set]. Zenodo. DOI: 10.5281/zenodo.3546513
Biodiversity	IUCN Global Ecosystem Typology - Palustrine wetlands biome (TF1)	Biodiversity; Biodiversity/Ecosystem	NA	CC BY 4.0 LEGAL CODE	Keith, D. A., J. R. Ferrer-Paris, E. Nicholson, M. Bishop, B. A, Polidoro, E. Ramirez-Llodra, M. G. Tozer, J. L. Nel, R. Mac Nally, E. J. Gregr, K. E. Watermeyer, F. Essl, D. Faber-Langendoen, J. Franklin, C. E. R. Lehmann, A. Etter, D. J. Roux, J. S. Stark, J. A. Rowland, N. A. Brummitt, U. C. Fernandez-Arcaya, I. M. Suthers, S. K. Wiser, I. Donohue, L. J. Jackson, R. T. Pennington, N. Pettorelli, A. Andrade, A. Lindgaard, T. Tahvanainen, A. Terauds, M. A. Chadwick, N. J. Murray, J. Moat, P. Pliscoff, I. Zager, and R. T. Kingsford (2022) A function-based typology for Earth's ecosystems Nature 610, 513–518. DOI:10.1038/s41586-022-05318-4.Keith, David A., Ferrer-Paris, Jose R., Nicholson, Emily, & Kingsford, Richard T. (eds.) (2020). Indicative distribution maps for Ecosystem Functional Groups - Level 3 of IUCN Global Ecosystem Typology (Version 2.1.1) [Data set]. Zenodo. DOI: 10.5281/zenodo.3546513

Table 1: UN Biodiversity Lab Data List *(continued)*

Category	Data Name	Sub-Categories	Tags	License	Citation(s)
Biodiversity	IUCN Global Ecosystem Typology - Pelagic ocean waters biome (M2)	Biodiversity; Biodiversity/Ecosystem	NA	CC BY 4.0 LEGAL CODE	Keith, D. A., J. R. Ferrer-Paris, E. Nicholson, M. Bishop, B. A, Polidoro, E. Ramirez-Llodra, M. G. Tozer, J. L. Nel, R. Mac Nally, E. J. Gregr, K. E. Watermeyer, F. Essl, D. Faber-Langendoen, J. Franklin, C. E. R. Lehmann, A. Etter, D. J. Roux, J. S. Stark, J. A. Rowland, N. A. Brummitt, U. C. Fernandez-Arcaya, I. M. Suthers, S. K. Wiser, I. Donohue, L. J. Jackson, R. T. Pennington, N. Pettorelli, A. Andrade, A. Lindgaard, T. Tahvanainen, A. Terauds, M. A. Chadwick, N. J. Murray, J. Moat, P. Pliscoff, I. Zager, and R. T. Kingsford (2022) A function-based typology for Earth's ecosystems Nature 610, 513–518. DOI:10.1038/s41586-022-05318-4.Keith, David A., Ferrer-Paris, Jose R., Nicholson, Emily, & Kingsford, Richard T. (eds.) (2020). Indicative distribution maps for Ecosystem Functional Groups - Level 3 of IUCN Global Ecosystem Typology (Version 2.1.1) [Data set]. Zenodo. DOI: 10.5281/zenodo.3546513
Biodiversity	IUCN Global Ecosystem Typology - Polar/alpine (cryogenic) biome (T6)	Biodiversity; Biodiversity/Ecosystem	NA	CC BY 4.0 LEGAL CODE	Keith, D. A., J. R. Ferrer-Paris, E. Nicholson, M. Bishop, B. A, Polidoro, E. Ramirez-Llodra, M. G. Tozer, J. L. Nel, R. Mac Nally, E. J. Gregr, K. E. Watermeyer, F. Essl, D. Faber-Langendoen, J. Franklin, C. E. R. Lehmann, A. Etter, D. J. Roux, J. S. Stark, J. A. Rowland, N. A. Brummitt, U. C. Fernandez-Arcaya, I. M. Suthers, S. K. Wiser, I. Donohue, L. J. Jackson, R. T. Pennington, N. Pettorelli, A. Andrade, A. Lindgaard, T. Tahvanainen, A. Terauds, M. A. Chadwick, N. J. Murray, J. Moat, P. Pliscoff, I. Zager, and R. T. Kingsford (2022) A function-based typology for Earth's ecosystems Nature 610, 513–518. DOI:10.1038/s41586-022-05318-4.Keith, David A., Ferrer-Paris, Jose R., Nicholson, Emily, & Kingsford, Richard T. (eds.) (2020). Indicative distribution maps for Ecosystem Functional Groups - Level 3 of IUCN Global Ecosystem Typology (Version 2.1.1) [Data set]. Zenodo. DOI: 10.5281/zenodo.3546513Source(s): IUCN, Commission on Ecosystem Management, University of New South Wales, Centre for Ecosystem Science
Biodiversity	IUCN Global Ecosystem Typology - Rivers and streams biome (F1)	Biodiversity	NA	CC BY 4.0 LEGAL CODE	Keith, D. A., J. R. Ferrer-Paris, E. Nicholson, M. Bishop, B. A, Polidoro, E. Ramirez-Llodra, M. G. Tozer, J. L. Nel, R. Mac Nally, E. J. Gregr, K. E. Watermeyer, F. Essl, D. Faber-Langendoen, J. Franklin, C. E. R. Lehmann, A. Etter, D. J. Roux, J. S. Stark, J. A. Rowland, N. A. Brummitt, U. C. Fernandez-Arcaya, I. M. Suthers, S. K. Wiser, I. Donohue, L. J. Jackson, R. T. Pennington, N. Pettorelli, A. Andrade, A. Lindgaard, T. Tahvanainen, A. Terauds, M. A. Chadwick, N. J. Murray, J. Moat, P. Pliscoff, I. Zager, and R. T. Kingsford (2022) A function-based typology for Earth's ecosystems Nature 610, 513–518. DOI:10.1038/s41586-022-05318-4.Keith, David A., Ferrer-Paris, Jose R., Nicholson, Emily, & Kingsford, Richard T. (eds.) (2020). Indicative distribution maps for Ecosystem Functional Groups - Level 3 of IUCN Global Ecosystem Typology (Version 2.1.1) [Data set]. Zenodo. DOI: 10.5281/zenodo.3546513

Table 1: UN Biodiversity Lab Data List *(continued)*

Category	Data Name	Sub-Categories	Tags	License	Citation(s)
Biodiversity	IUCN Global Ecosystem Typology - Savannas and grasslands biome (T4)	Biodiversity; Biodiversity/Ecosystem	NA	CC BY 4.0 LEGAL CODE	Keith, D. A., J. R. Ferrer-Paris, E. Nicholson, M. Bishop, B. A, Polidoro, E. Ramirez-Llodra, M. G. Tozer, J. L. Nel, R. Mac Nally, E. J. Gregr, K. E. Watermeyer, F. Essl, D. Faber-Langendoen, J. Franklin, C. E. R. Lehmann, A. Etter, D. J. Roux, J. S. Stark, J. A. Rowland, N. A. Brummitt, U. C. Fernandez-Arcaya, I. M. Suthers, S. K. Wiser, I. Donohue, L. J. Jackson, R. T. Pennington, N. Pettorelli, A. Andrade, A. Lindgaard, T. Tahvanainen, A. Terauds, M. A. Chadwick, N. J. Murray, J. Moat, P. Pliscoff, I. Zager, and R. T. Kingsford (2022) A function-based typology for Earth's ecosystems Nature 610, 513–518. DOI:10.1038/s41586-022-05318-4.Keith, David A., Ferrer-Paris, Jose R., Nicholson, Emily, & Kingsford, Richard T. (eds.) (2020). Indicative distribution maps for Ecosystem Functional Groups - Level 3 of IUCN Global Ecosystem Typology (Version 2.1.1) [Data set]. Zenodo. DOI: 10.5281/zenodo.3546513
Biodiversity	IUCN Global Ecosystem Typology - Semi-confined transitional waters biome (FM1)	Biodiversity	NA	CC BY 4.0 LEGAL CODE	Keith, D. A., J. R. Ferrer-Paris, E. Nicholson, M. Bishop, B. A, Polidoro, E. Ramirez-Llodra, M. G. Tozer, J. L. Nel, R. Mac Nally, E. J. Gregr, K. E. Watermeyer, F. Essl, D. Faber-Langendoen, J. Franklin, C. E. R. Lehmann, A. Etter, D. J. Roux, J. S. Stark, J. A. Rowland, N. A. Brummitt, U. C. Fernandez-Arcaya, I. M. Suthers, S. K. Wiser, I. Donohue, L. J. Jackson, R. T. Pennington, N. Pettorelli, A. Andrade, A. Lindgaard, T. Tahvanainen, A. Terauds, M. A. Chadwick, N. J. Murray, J. Moat, P. Pliscoff, I. Zager, and R. T. Kingsford (2022) A function-based typology for Earth's ecosystems Nature 610, 513–518. DOI:10.1038/s41586-022-05318-4.Keith, David A., Ferrer-Paris, Jose R., Nicholson, Emily, & Kingsford, Richard T. (eds.) (2020). Indicative distribution maps for Ecosystem Functional Groups - Level 3 of IUCN Global Ecosystem Typology (Version 2.1.1) [Data set]. Zenodo. DOI: 10.5281/zenodo.3546513
Biodiversity	IUCN Global Ecosystem Typology - Shorelines biome (MT1)	Biodiversity; Biodiversity/Ecosystem	NA	CC BY 4.0 LEGAL CODE	Keith, D. A., J. R. Ferrer-Paris, E. Nicholson, M. Bishop, B. A, Polidoro, E. Ramirez-Llodra, M. G. Tozer, J. L. Nel, R. Mac Nally, E. J. Gregr, K. E. Watermeyer, F. Essl, D. Faber-Langendoen, J. Franklin, C. E. R. Lehmann, A. Etter, D. J. Roux, J. S. Stark, J. A. Rowland, N. A. Brummitt, U. C. Fernandez-Arcaya, I. M. Suthers, S. K. Wiser, I. Donohue, L. J. Jackson, R. T. Pennington, N. Pettorelli, A. Andrade, A. Lindgaard, T. Tahvanainen, A. Terauds, M. A. Chadwick, N. J. Murray, J. Moat, P. Pliscoff, I. Zager, and R. T. Kingsford (2022) A function-based typology for Earth's ecosystems Nature 610, 513–518. DOI:10.1038/s41586-022-05318-4.Keith, David A., Ferrer-Paris, Jose R., Nicholson, Emily, & Kingsford, Richard T. (eds.) (2020). Indicative distribution maps for Ecosystem Functional Groups - Level 3 of IUCN Global Ecosystem Typology (Version 2.1.1) [Data set]. Zenodo. DOI: 10.5281/zenodo.3546513

Table 1: UN Biodiversity Lab Data List *(continued)*

Category	Data Name	Sub-Categories	Tags	License	Citation(s)
Biodiversity	IUCN Global Ecosystem Typology - Shrublands and shrubby woodlands biome (T3)	Biodiversity; Biodiversity/Ecosystem	NA	CC BY 4.0 LEGAL CODE	Keith, D. A., J. R. Ferrer-Paris, E. Nicholson, M. Bishop, B. A, Polidoro, E. Ramirez-Llodra, M. G. Tozer, J. L. Nel, R. Mac Nally, E. J. Gregr, K. E. Watermeyer, F. Essl, D. Faber-Langendoen, J. Franklin, C. E. R. Lehmann, A. Etter, D. J. Roux, J. S. Stark, J. A. Rowland, N. A. Brummitt, U. C. Fernandez-Arcaya, I. M. Suthers, S. K. Wiser, I. Donohue, L. J. Jackson, R. T. Pennington, N. Pettorelli, A. Andrade, A. Lindgaard, T. Tahvanainen, A. Terauds, M. A. Chadwick, N. J. Murray, J. Moat, P. Pliscoff, I. Zager, and R. T. Kingsford (2022) A function-based typology for Earth's ecosystems Nature 610, 513–518. DOI:10.1038/s41586-022-05318-4.Keith, David A., Ferrer-Paris, Jose R., Nicholson, Emily, & Kingsford, Richard T. (eds.) (2020). Indicative distribution maps for Ecosystem Functional Groups - Level 3 of IUCN Global Ecosystem Typology (Version 2.1.1) [Data set]. Zenodo. DOI: 10.5281/zenodo.3546513
Biodiversity	IUCN Global Ecosystem Typology - Subterranean freshwaters biome (SF1)	Biodiversity; Biodiversity/Ecosystem	NA	CC BY 4.0 LEGAL CODE	Keith, D. A., J. R. Ferrer-Paris, E. Nicholson, M. Bishop, B. A, Polidoro, E. Ramirez-Llodra, M. G. Tozer, J. L. Nel, R. Mac Nally, E. J. Gregr, K. E. Watermeyer, F. Essl, D. Faber-Langendoen, J. Franklin, C. E. R. Lehmann, A. Etter, D. J. Roux, J. S. Stark, J. A. Rowland, N. A. Brummitt, U. C. Fernandez-Arcaya, I. M. Suthers, S. K. Wiser, I. Donohue, L. J. Jackson, R. T. Pennington, N. Pettorelli, A. Andrade, A. Lindgaard, T. Tahvanainen, A. Terauds, M. A. Chadwick, N. J. Murray, J. Moat, P. Pliscoff, I. Zager, and R. T. Kingsford (2022) A function-based typology for Earth's ecosystems Nature 610, 513–518. DOI:10.1038/s41586-022-05318-4.Keith, David A., Ferrer-Paris, Jose R., Nicholson, Emily, & Kingsford, Richard T. (eds.) (2020). Indicative distribution maps for Ecosystem Functional Groups - Level 3 of IUCN Global Ecosystem Typology (Version 2.1.1) [Data set]. Zenodo. DOI: 10.5281/zenodo.3546513
Biodiversity	IUCN Global Ecosystem Typology - Subterranean lithic biome (S1)	Biodiversity; Biodiversity/Ecosystem	NA	CC BY 4.0 LEGAL CODE	Keith, D. A., J. R. Ferrer-Paris, E. Nicholson, M. Bishop, B. A, Polidoro, E. Ramirez-Llodra, M. G. Tozer, J. L. Nel, R. Mac Nally, E. J. Gregr, K. E. Watermeyer, F. Essl, D. Faber-Langendoen, J. Franklin, C. E. R. Lehmann, A. Etter, D. J. Roux, J. S. Stark, J. A. Rowland, N. A. Brummitt, U. C. Fernandez-Arcaya, I. M. Suthers, S. K. Wiser, I. Donohue, L. J. Jackson, R. T. Pennington, N. Pettorelli, A. Andrade, A. Lindgaard, T. Tahvanainen, A. Terauds, M. A. Chadwick, N. J. Murray, J. Moat, P. Pliscoff, I. Zager, and R. T. Kingsford (2022) A function-based typology for Earth's ecosystems Nature 610, 513–518. DOI:10.1038/s41586-022-05318-4.Keith, David A., Ferrer-Paris, Jose R., Nicholson, Emily, & Kingsford, Richard T. (eds.) (2020). Indicative distribution maps for Ecosystem Functional Groups - Level 3 of IUCN Global Ecosystem Typology (Version 2.1.1) [Data set]. Zenodo. DOI: 10.5281/zenodo.3546513

Table 1: UN Biodiversity Lab Data List *(continued)*

Category	Data Name	Sub-Categories	Tags	License	Citation(s)
Biodiversity	IUCN Global Ecosystem Typology - Subterranean tidal biome (SM1)	Biodiversity; Biodiversity/Ecosystem	NA	CC BY 4.0 LEGAL CODE	Keith, D. A., J. R. Ferrer-Paris, E. Nicholson, M. Bishop, B. A, Polidoro, E. Ramirez-Llodra, M. G. Tozer, J. L. Nel, R. Mac Nally, E. J. Gregr, K. E. Watermeyer, F. Essl, D. Faber-Langendoen, J. Franklin, C. E. R. Lehmann, A. Etter, D. J. Roux, J. S. Stark, J. A. Rowland, N. A. Brummitt, U. C. Fernandez-Arcaya, I. M. Suthers, S. K. Wiser, I. Donohue, L. J. Jackson, R. T. Pennington, N. Pettorelli, A. Andrade, A. Lindgaard, T. Tahvanainen, A. Terauds, M. A. Chadwick, N. J. Murray, J. Moat, P. Pliscoff, I. Zager, and R. T. Kingsford (2022) A function-based typology for Earth's ecosystems Nature 610, 513–518. DOI:10.1038/s41586-022-05318-4.Keith, David A., Ferrer-Paris, Jose R., Nicholson, Emily, & Kingsford, Richard T. (eds.) (2020). Indicative distribution maps for Ecosystem Functional Groups - Level 3 of IUCN Global Ecosystem Typology (Version 2.1.1) [Data set]. Zenodo. DOI: 10.5281/zenodo.3546513
Biodiversity	IUCN Global Ecosystem Typology - Supralittoral coastal biome (MT2)	Biodiversity; Biodiversity/Ecosystem	NA	CC BY 4.0 LEGAL CODE	Keith, D. A., J. R. Ferrer-Paris, E. Nicholson, M. Bishop, B. A, Polidoro, E. Ramirez-Llodra, M. G. Tozer, J. L. Nel, R. Mac Nally, E. J. Gregr, K. E. Watermeyer, F. Essl, D. Faber-Langendoen, J. Franklin, C. E. R. Lehmann, A. Etter, D. J. Roux, J. S. Stark, J. A. Rowland, N. A. Brummitt, U. C. Fernandez-Arcaya, I. M. Suthers, S. K. Wiser, I. Donohue, L. J. Jackson, R. T. Pennington, N. Pettorelli, A. Andrade, A. Lindgaard, T. Tahvanainen, A. Terauds, M. A. Chadwick, N. J. Murray, J. Moat, P. Pliscoff, I. Zager, and R. T. Kingsford (2022) A function-based typology for Earth's ecosystems Nature 610, 513–518. DOI:10.1038/s41586-022-05318-4.Keith, David A., Ferrer-Paris, Jose R., Nicholson, Emily, & Kingsford, Richard T. (eds.) (2020). Indicative distribution maps for Ecosystem Functional Groups - Level 3 of IUCN Global Ecosystem Typology (Version 2.1.1) [Data set]. Zenodo. DOI: 10.5281/zenodo.3546513
Biodiversity	IUCN Global Ecosystem Typology - Temperate-boreal forests and woodlands biome (T2)	Biodiversity; Biodiversity/Ecosystem	NA	CC BY 4.0 LEGAL CODE	Keith, D. A., J. R. Ferrer-Paris, E. Nicholson, M. Bishop, B. A, Polidoro, E. Ramirez-Llodra, M. G. Tozer, J. L. Nel, R. Mac Nally, E. J. Gregr, K. E. Watermeyer, F. Essl, D. Faber-Langendoen, J. Franklin, C. E. R. Lehmann, A. Etter, D. J. Roux, J. S. Stark, J. A. Rowland, N. A. Brummitt, U. C. Fernandez-Arcaya, I. M. Suthers, S. K. Wiser, I. Donohue, L. J. Jackson, R. T. Pennington, N. Pettorelli, A. Andrade, A. Lindgaard, T. Tahvanainen, A. Terauds, M. A. Chadwick, N. J. Murray, J. Moat, P. Pliscoff, I. Zager, and R. T. Kingsford (2022) A function-based typology for Earth's ecosystems Nature 610, 513–518. DOI:10.1038/s41586-022-05318-4.Keith, David A., Ferrer-Paris, Jose R., Nicholson, Emily, & Kingsford, Richard T. (eds.) (2020). Indicative distribution maps for Ecosystem Functional Groups - Level 3 of IUCN Global Ecosystem Typology (Version 2.1.1) [Data set]. Zenodo. DOI: 10.5281/zenodo.3546513

Table 1: UN Biodiversity Lab Data List *(continued)*

Category	Data Name	Sub-Categories	Tags	License	Citation(s)
Biodiversity	IUCN Global Ecosystem Typology - Tropical-subtropical forests biome (T1)	Biodiversity; Biodiversity/Ecosystem	NA	CC BY 4.0 LEGAL CODE	Keith, D. A., J. R. Ferrer-Paris, E. Nicholson, M. Bishop, B. A, Polidoro, E. Ramirez-Llodra, M. G. Tozer, J. L. Nel, R. Mac Nally, E. J. Gregr, K. E. Watermeyer, F. Essl, D. Faber-Langendoen, J. Franklin, C. E. R. Lehmann, A. Etter, D. J. Roux, J. S. Stark, J. A. Rowland, N. A. Brummitt, U. C. Fernandez-Arcaya, I. M. Suthers, S. K. Wiser, I. Donohue, L. J. Jackson, R. T. Pennington, N. Pettorelli, A. Andrade, A. Lindgaard, T. Tahvanainen, A. Terauds, M. A. Chadwick, N. J. Murray, J. Moat, P. Pliscoff, I. Zager, and R. T. Kingsford (2022) A function-based typology for Earth's ecosystems Nature 610, 513–518. DOI:10.1038/s41586-022-05318-4.Keith, David A., Ferrer-Paris, Jose R., Nicholson, Emily, & Kingsford, Richard T. (eds.) (2020). Indicative distribution maps for Ecosystem Functional Groups - Level 3 of IUCN Global Ecosystem Typology (Version 2.1.1) [Data set]. Zenodo. DOI: 10.5281/zenodo.3546513
Biodiversity	IUCN Species Richness	Biodiversity; Biodiversity/Species; Biodiversity/Genes	NA	The IUCN Red List Terms and Conditions of Use	IUCN. 2023. The IUCN Red List of Threatened Species. Version 2023-1. https://www.iucnredlist.org.
Biodiversity	IUCN Threatened Species Richness	Biodiversity; Biodiversity/Species; Biodiversity/Genes	NA	The IUCN Red List Terms and Conditions of Use	IUCN. 2023. The IUCN Red List of Threatened Species. Version 2023-1. https://www.iucnredlist.org.
Biodiversity	Intact Forest Landscapes	Biodiversity; Biodiversity/Ecosystem	DPG Open Data	CC BY 4.0	Potapov, P., Hansen, M. C., Laestadius L., Turubanova S., Yaroshenko A., Thies C., Smith W., Zhuravleva I., Komarova A., Minnemeyer S., Esipova E. 2016. The last frontiers of wilderness: Tracking loss of intact forest landscapes from 2000 to 2013. Science Advances, 2017; 3:e1600821
Biodiversity	Intact Wilderness Areas	Biodiversity	DPG Open Data; Global Safety Net	CC BY 4.0	Dinerstein, E., Joshi, A.R., Vynne, C., Lee, A.T.L., Pharand-Deschênes, F., França, M., Fernando, S., Birch, T., Burkart, K., Asner, G.P., Olson, D., 2020. A "Global Safety Net" to reverse biodiversity loss and stabilize Earth's climate. Science Advances 6, eabb2824. https://doi.org/10.1126/sciadv.abb2824
Biodiversity	Key Biodiversity Areas	Biodiversity; Biodiversity/Ecosystem; Biodiversity/Species; Protected and Conserved Areas	KBA	KBAs Terms of Service and Conditions of Use	BirdLife International (2025). World Database of Key Biodiversity Areas. Managed by BirdLife International on behalf of the KBA Partnership: BirdLife International, International Union for the Conservation of Nature, American Bird Conservancy, Amphibian Survival Alliance, Conservation International, Critical Ecosystem Partnership Fund, Global Environment Facility, Re:Wild, NatureServe, Rainforest Trust, Royal Society for the Protection of Birds, Wildlife Conservation Society and World Wildlife Fund. September 2025 Version. Available at http://www.keybiodiversityareas.org.
Biodiversity	Large Mammal Landscape	Biodiversity; Biodiversity/Species	DPG Open Data; Global Safety Net	CC BY 4.0	Dinerstein, E., Joshi, A.R., Vynne, C., Lee, A.T.L., Pharand-Deschênes, F., França, M., Fernando, S., Birch, T., Burkart, K., Asner, G.P., Olson, D., 2020. A "Global Safety Net" to reverse biodiversity loss and stabilize Earth's climate. Science Advances 6, eabb2824. https://doi.org/10.1126/sciadv.abb2824

Table 1: UN Biodiversity Lab Data List *(continued)*

Category	Data Name	Sub-Categories	Tags	License	Citation(s)
Biodiversity	Living Planet Index	Biodiversity; Biodiversity/Species; Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Goal A; Policy/Global Biodiversity Framework/Goal A/Component Indicators; Policy/Global Biodiversity Framework/Target 04; Policy/Global Biodiversity Framework/Target 04/Component Indicators	NA	Living Planet Database data agreement	Zoological Society of London (ZSL) and WWF International (WWF). LPI 2024. Living Planet Index database. 2024. < www.livingplanetindex.org/>
Biodiversity	Living Planet Index (utilized species)	Biodiversity; Biodiversity/Species; Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Goal B; Policy/Global Biodiversity Framework/Goal B/Component Indicators; Policy/Global Biodiversity Framework/Target 05; Policy/Global Biodiversity Framework/Target 05/Component Indicators; Policy/Global Biodiversity Framework/Target 09; Policy/Global Biodiversity Framework/Target 09/Component Indicators	NA	Living Planet Database data agreement	Zoological Society of London (ZSL) and WWF International (WWF). LPI 2024. Utilized Species Index. 2024. < www.livingplanetindex.org/>McRae, L., Freeman, R., Geldmann, J., Moss, G. B., Kjær-Hansen, L., & Burgess, N. D. (2022). A global indicator of utilized wildlife populations: Regional trends and the impact of management. One Earth, 5(4), 422-433.
Biodiversity	Mammalian Genetic Diversity	Biodiversity; Biodiversity/Genes	DPG Open Data	CC BY 4.0	Theodoridis, S., Fordham, D.A., Brown, S.C. et al. Evolutionary history and past climate change shape the distribution of genetic diversity in terrestrial mammals. Nat Commun 11, 2557 (2020). https://doi.org/10.1038/s41467-020-16449-5
Biodiversity	Mangrove Restoration: Ecosystem Services Value for Restored Mangroves	Biodiversity; Biodiversity/Ecosystem; Ecosystem Services; Restoration	Mapping Ocean Wealth Explorer	The Nature Conservancy	The Nature Conservancy. 2016. Mapping Ocean Ecosystem Services. Mapping Ocean Wealth Explorer. https://maps.oceanwealth.org/#Sanderman, J., Hengl, T., Fiske, G., Solvik, K., Adame, M. F., Benson, L., Bukoski, J. J., Carnell, P., Cifuentes-Jara, M., Donato, D., Duncan, C., Eid, E. M., Ermgassen, P. zu, Lewis, C. J. E., Macreadie, P. I., Glass, L., Gress, S., Jardine, S. L., Jones, T. G., … Landis, E. (2018). A global map of mangrove forest soil carbon at 30 m spatial resolution. Environmental Research Letters, 13(5), 055002. https://doi.org/10.1088/1748-9326/aabe1c

Table 1: UN Biodiversity Lab Data List *(continued)*

Category	Data Name	Sub-Categories	Tags	License	Citation(s)
Biodiversity	Mangrove Restoration: Restoration Potential	Biodiversity; Biodiversity/Ecosystem; Ecosystem Services; Restoration	Mapping Ocean Wealth Explorer	The Nature Conservancy	The Nature Conservancy. 2016. Mapping Ocean Ecosystem Services. Mapping Ocean Wealth Explorer. https://maps.oceanwealth.org/#Sanderman, J., Hengl, T., Fiske, G., Solvik, K., Adame, M. F., Benson, L., Bukoski, J. J., Carnell, P., Cifuentes-Jara, M., Donato, D., Duncan, C., Eid, E. M., Ermgassen, P. zu, Lewis, C. J. E., Macreadie, P. I., Glass, L., Gress, S., Jardine, S. L., Jones, T. G., … Landis, E. (2018). A global map of mangrove forest soil carbon at 30 m spatial resolution. Environmental Research Letters, 13(5), 055002. https://doi.org/10.1088/1748-9326/aabe1c
Biodiversity	Marine Priority Areas	Biodiversity; Climate and Carbon; Sustainable Development; Water/Oceans; Ecosystem Services; Water	DPG Open Data	CC BY 1.0	Sala, E., Mayorga, J., Bradley, D., Cabral, R.B., Atwood, T.B., Auber, A., Cheung, W., Costello, C., Ferretti, F., Friedlander, A.M., Gaines, S.D., Garilao, C., Goodell, W., Halpern, B.S., Hinson, A., Kaschner, K., Kesner-Reyes, K., Leprieur, F., McGowan, J., Morgan, L.E., Mouillot, D., Palacios-Abrantes, J., Possingham, H.P., Rechberger, K.D., Worm, B., Lubchenco, J., 2021. Protecting the global ocean for biodiversity, food and climate. Nature 1–6. https://doi.org/10.1038/s41586-021-03371-z
Biodiversity	Nature's Contributions to People (NCP)	Biodiversity; Biodiversity/Ecosystem; Ecosystem Services	NA	CC BY 4.0 INTERNATIONAL	Chaplin-Kramer, R., Neugarten, R.A., Sharp, R.P. et al. Mapping the planet's critical natural assets. Nat Ecol Evol 7, 51–61 (2023). https://doi.org/10.1038/s41559-022-01934-5Chaplin-Kramer, R., Neugarten, R., Sharp, R., Collins, P., Polasky, S., Hole, D., … Watson, R. (2023, November 18). Critical Natural Assets. https://doi.org/10.17605/OSF.IO/R5XZ7
Biodiversity	Number of extinctions averted	Biodiversity; Biodiversity/Species; Human Impact; Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Goal A; Policy/Global Biodiversity Framework/Goal A/Component Indicators	NA	CC BY 4.0	Bolam FC, Mair L, Angelico M, et al. How many bird and mammal extinctions has recent conservation action prevented? Conservation Letters. 2021; 14:e12762. https://doi.org/10.1111/conl.12762
Biodiversity	Number of plant and animal genetic resources for food and agriculture secured in medium or long-term conservation facilities	Biodiversity; Biodiversity/Genes; Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Target 04; Policy/Global Biodiversity Framework/Target 04/Component Indicators	NA	CC BY 4.0	Food and Agriculture Organization of the United Nations (FAO). 2023. SDG indicator 2.5.1.a: Number of plant genetic resources for food and agriculture secured in either medium or long term conservation facilities.

Table 1: UN Biodiversity Lab Data List *(continued)*

Category	Data Name	Sub-Categories	Tags	License	Citation(s)
Biodiversity	Number of unique plant genetic samples in conservation facilities	Biodiversity; Biodiversity/Genes; Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Target 04; Policy/Global Biodiversity Framework/Target 04/Component Indicators	NA	CC BY 4.0	Data from multiple sources compiled by the UN – processed by Our World in Data. "2.5.1 - Plant genetic resources accessions stored ex situ (number) - ER_GRF_PLNTSTOR" [dataset]. Data from multiple sources compiled by the UN [original data].
Biodiversity	Official development assistance for biodiversity by donor countries	Biodiversity; Biodiversity/Species; Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Goal D; Policy/Global Biodiversity Framework/Goal D/Headline Indicators; Policy/Global Biodiversity Framework/Target 19; Policy/Global Biodiversity Framework/Target 19/Headline Indicators; Society; Society/Socioeconomic	NA	NA	OECD (2020), Tracking Economic Instruments and Finance for Biodiversity - 2020.
Biodiversity	Potential Wildlife Corridors	Biodiversity; Biodiversity/Species	DPG Open Data; Global Safety Net	CC BY 4.0	Dinerstein, E., Joshi, A.R., Vynne, C., Lee, A.T.L., Pharand-Deschênes, F., França, M., Fernando, S., Birch, T., Burkart, K., Asner, G.P., Olson, D., 2020. A "Global Safety Net" to reverse biodiversity loss and stabilize Earth's climate. Science Advances 6, eabb2824. https://doi.org/10.1126/sciadv.abb2824
Biodiversity	Prioritized areas for nature's contributions to people and biodiversity	Biodiversity; Biodiversity/Ecosystem; Ecosystem Services	NA	CC BY 4.0	Neugarten, R. A., Chaplin-Kramer, R., Sharp, R. P., Schuster, R., Strimas-Mackey, M., Roehrdanz, P. R., Mulligan, M., van Soesbergen, A., Hole, D., Kennedy, C. M., Oakleaf, J. R., Johnson, J. A., Kiesecker, J., Polasky, S., Hanson, J. O., & Rodewald, A. D. (2022). Mapping the planet's critical areas for biodiversity and people (3.0) [Data set]. Zenodo. https://doi.org/10.5281/zenodo.7853188Neugarten, R.A., Chaplin-Kramer, R., Sharp, R.P. et al. Mapping the planet's critical areas for biodiversity and nature's contributions to people. Nat Commun 15, 261 (2024). https://doi.org/10.1038/s41467-023-43832-9

Table 1: UN Biodiversity Lab Data List *(continued)*

Category	Data Name	Sub-Categories	Tags	License	Citation(s)
Biodiversity	Proportion of local breeds classified as being at risk of extinction	Biodiversity; Biodiversity/Species; Human Impact; Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Target 04; Policy/Global Biodiversity Framework/Target 04/Component Indicators	NA	CC BY 4.0	Food and Agriculture Organization of the United Nations (FAO). 2022. Proportion of local breeds classified as being at risk of extinction as a share of local breeds with known level of extinction risk (ER_RSK_LBREDS). Available at: https://www.fao.org/sustainable-development-goals-data-portal/data/indicators/proportion-of-local-breeds-classified-as-being-at-risk-of-extinction/en
Biodiversity	Protected Area Representativeness Index (PARC-Representativeness)	Biodiversity; Protected and Conserved Areas	NA	CC BY 4.0	Harwood, Tom; Ware, Chris; Hoskins, Andrew; Ferrier, Simon; Bush, Alex; Golebiewski, Maciej; Ota, Noboru; Perry, Justin; Williams, Kristen (2022): PARC: Protected Area Representativeness Index: 30s global time series. v1. CSIRO. Data Collection. https://doi.org/10.25919/ya24-5630
Biodiversity	Rare Species Sites	Biodiversity; Biodiversity/Species	DPG Open Data; Global Safety Net	CC BY 4.0	Dinerstein, E., Joshi, A.R., Vynne, C., Lee, A.T.L., Pharand-Deschênes, F., França, M., Fernando, S., Birch, T., Burkart, K., Asner, G.P., Olson, D., 2020. A "Global Safety Net" to reverse biodiversity loss and stabilize Earth's climate. Science Advances 6, eabb2824. https://doi.org/10.1126/sciadv.abb2824
Biodiversity	Red List Index	Biodiversity; Biodiversity/Species; Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Goal A; Policy/Global Biodiversity Framework/Goal A/Headline Indicators; Policy/Global Biodiversity Framework/Target 04; Policy/Global Biodiversity Framework/Target 04/Headline Indicators	NA	CC BY-NC-SA 3.0	IUCN 2026. The IUCN Red List of Threatened Species. Version 2026-1. Available at: https://www.iucnredlist.org.
Biodiversity	Revenue generated from biodiversity-relevant taxes	Biodiversity; Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Target 18; Policy/Global Biodiversity Framework/Target 18/Component Indicators; Society; Society/Socioeconomic	NA	NA	OECD 2025. Policy Instruments for the Environment (PINE) Database. https://oecd-main.shinyapps.io/pinedatabase, July 2025 version
Biodiversity	Seafloor Geomorphic Features	Biodiversity; Biodiversity/Ecosystem	NA	CC BY 4.0	Harris, P.T., Macmillan-Lawler, M., Rupp, J., Baker, E.K., 2014. Geomorphology of the oceans. Marine Geology, 50th Anniversary Special Issue 352, 4–24. https://doi.org/10.1016/j.margeo.2014.01.011
Biodiversity	Southern Greater Glider	Biodiversity	NA	NA	NA

Table 1: UN Biodiversity Lab Data List *(continued)*

Category	Data Name	Sub-Categories	Tags	License	Citation(s)
Biodiversity	Terrestrial Biomes (Ecoregions2017)	Biodiversity; Biodiversity/Ecosystem	DPG Open Data	CC BY 4.0	Dinerstein, E., Olson, D., Joshi, A., Vynne, C., Burgess, N.D., Wikramanayake, E., Hahn, N., Palminteri, S., Hedao, P., Noss, R., Hansen, M., Locke, H., Ellis, E.C., Jones, B., Barber, C.V., Hayes, R., Kormos, C., Martin, V., Crist, E., Sechrest, W., Price, L., Baillie, J.E.M., Weeden, D., Suckling, K., Davis, C., Sizer, N., Moore, R., Thau, D., Birch, T., Potapov, P., Turubanova, S., Tyukavina, A., de Souza, N., Pintea, L., Brito, J.C., Llewellyn, O.A., Miller, A.G., Patzelt, A., Ghazanfar, S.A., Timberlake, J., Klöser, H., Shennan-Farpón, Y., Kindt, R., Lillesø, J.-P.B., van Breugel, P., Graudal, L., Voge, M., Al-Shammari, K.F., Saleem, M., 2017. An Ecoregion-Based Approach to Protecting Half the Terrestrial Realm. BioScience 67, 534–545. https://doi.org/10.1093/biosci/bix014
Biodiversity	The Global Environmental Impacts of Consumption (GEIC) Indicator, 2023	Biodiversity; Human Impact; Water	NA	CommodityF	SEI, JNCC, University of York. The Global Environmental Impacts of Consumption (GEIC) Indicator, 2022. Available online at: https://www.commodityfootprints.earth.
Biodiversity	The ICCA Registry	Biodiversity	ICCA; Indigenous Territories; Indigenous Communities; Indigenous People	here	UNEP-WCMC (2024), ICCA Registry [On-line], [October 2024], Cambridge, UK: UNEP-WCMC. Available at: www.iccaregistry.org
Biodiversity	Total Biomass Carbon in Grasslands	Biodiversity; Biodiversity/Ecosystem; Climate and Carbon	NA	NASA's Earth Science Data & Information Policy, Copernicus Land Monitoring Service	Spawn, S.A., Sullivan, C.C., Lark, T.J. et al. Harmonized global maps of above and belowground biomass carbon density in the year 2010. Sci Data 7, 112 (2020). https://doi.org/10.1038/s41597-020-0444-4European Commission Directorate-General Joint Research Centre. Land Cover 2015-2019 (raster 100 m), global, annual - version 3. https://globalland.vito.be/geonetwork/srv/api/records/clms_glo
Biodiversity	Total Ecosystem Capability (TEC) - Ecosystem Natural Capital Accounts (ENCA) for Africa, 2001-2020	Biodiversity; Biodiversity/Ecosystem; Ecosystem Services	NA	NA	AfrikENCA 2001-2020: A First Set of Ecosystem Natural Capital Accounts for the African Continent, 2023, Weber Jean-Louis, Tapsoba Thierry, Mar Ndeye Fatou, Ben Romdhdane Abir, Tafi Jana and Fourmann Emmanuel, COPERNICEA project, Observatory of Sahara and Sahel, Tunis, 2023 https://urlz.fr/mig9
Biodiversity	Tree Cover Loss	Biodiversity; Biodiversity/Ecosystem; Land Cover and Land Use; Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Goal A; Policy/Global Biodiversity Framework/Goal A/Complementary Indicators	DPG Open Data; Time Series	CC BY 4.0	Hansen, M. C., P. V. Potapov, R. Moore, M. Hancher, S. A. Turubanova, A. Tyukavina, D. Thau, S. V. Stehman, S. J. Goetz, T. R. Loveland, A. Kommareddy, A. Egorov, L. Chini, C. O. Justice, and J. R. G. Townshend. 2013. "High-Resolution Global Maps of 21st-Century Forest Cover Change." Science 342 (15 November): 850–53. Data available on-line from:https://glad.earthengine.app/view/global-forest-change. Accessed through Global Forest Watch on 2024/26/09. www.globalforestwatch.org

Table 1: UN Biodiversity Lab Data List *(continued)*

Category	Data Name	Sub-Categories	Tags	License	Citation(s)
Biodiversity	World Terrestrial Ecosystems	Biodiversity; Land Cover and Land Use; Biodiversity/Ecosystem	DPG Open Data	CC BY 4.0	Sayre, R., Karagulle, D., Frye, C., Boucher, T., Wolff, N.H., Breyer, S., Wright, D., Martin, M., Butler, K., Van Graafeiland, K., Touval, J., Sotomayor, L., McGowan, J., Game, E.T., Possingham, H., 2020. An assessment of the representation of ecosystems in global protected areas using new maps of World Climate Regions and World Ecosystems. Global Ecology and Conservation 21, e00860. https://doi.org/10.1016/j.gecco.2019.e00860
Biodiversity/S	Global distribution of terrestrial invasive alien species threat	Biodiversity/Species; Biodiversity	NA	CC BY 4.0	Early, R., Bradley, B., Dukes, J. et al. Global threats from invasive alien species in the twenty-first century and national response capacities. Nat Commun 7, 12485 (2016). https://doi.org/10.1038/ncomms12485
Boundaries	Contiguous Zone (24 NM)	Boundaries; Water; Boundaries/Administrative Areas	DPG Open Data	CC BY 4.0	Flanders Marine Institute (2023). Maritime Boundaries Geodatabase: Contiguous Zones (24NM), version 4. Available online at https://www.marineregions.org/ https://doi.org/10.14284/630
Boundaries	Exclusive Economic Zone (EEZ)	Boundaries; Water; Boundaries/Administrative Areas	DPG Open Data	CC BY 4.0	Flanders Marine Institute (2023). Maritime Boundaries Geodatabase: Maritime Boundaries and Exclusive Economic Zones (200NM), version 12. Available online at https://www.marineregions.org/. https://doi.org/10.14284/632
Boundaries	Global Biophysical Typology of Mangroves	Boundaries; Boundaries/Biogeographical Regions; Ecosystem Services; Restoration	DPG Open Data	CC BY 4.0	Worthington, T.A., zu Ermgassen, P.S.E., Friess, D.A., Krauss, K.W., Lovelock, C.E., Thorley, J., Tingey, R., Woodroffe, C.D., Bunting, P., Cormier, N., Lagomasino, D., Lucas, R., Murray, N.J., Sutherland, W.J., Spalding, M., 2020. A global biophysical typology of mangroves and its relevance for ecosystem structure and deforestation. Sci. Rep. 10, 14652. https://doi.org/10.1038/s41598-020-71194-5
Boundaries	Global Land Governance Index (LANDex)	Boundaries; Human Impact; Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Target 22; Policy/Global Biodiversity Framework/Target 22/Headline Indicators; Society; Society/Socioeconomic	NA	NA	LANDex. 2024. INDEX data. Available at: https://www.landexglobal.org/en/index/
Boundaries	LandMark: Indigenous Peoples' and local communities' lands and territories (boundaries)	Boundaries; Boundaries/Administrative Areas	NA	CC BY-SA 4.0.	LandMark. 2026. LandMark: The Global Platform of Indigenous and Community Lands. Available at: http://www.landmarkmap.org/.
Boundaries	LandMark: Indigenous Peoples' and local communities' lands and territories (points)	Boundaries; Boundaries/Administrative Areas	NA	CC BY-SA 4.0.	LandMark. 2026. LandMark: The Global Platform of Indigenous and Community Lands. Available at: http://www.landmarkmap.org/.

Table 1: UN Biodiversity Lab Data List *(continued)*

Category	Data Name	Sub-Categories	Tags	License	Citation(s)
Boundaries	Level of water stress (SDG 6.4.2) by major river basin	Boundaries; Boundaries/Biogeographical Regions; Human Impact; Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Target 11; Policy/Global Biodiversity Framework/Target 11/Component Indicators; Water	NA	CC BY-NC-SA 3.0 IGO	Food and Agricultural Organization of the United Nations (FAO). 2022. "Level of water stress (SDG 6.4.2) by major river basin (Global)". AQUASTAT. Available at: https://data.apps.fao.org/catalog/dataset/40bc32f6-1467-44ac-8f7c-3d67cbb1cbd7/resource/bbf086ec-4450-4b53-bf77-58035fa7ddd9Source: AQUASTAT
Boundaries	Marine Ecoregions & Pelagic Provinces of the World (MEOW - PPOW)	Boundaries; Boundaries/Biogeographical Regions	DPG Open Data	CC BY-NC-SA 3.0	Spalding, M.D., Fox, H.E., Allen, G.R., Davidson, N., Ferdaña, Z.A., Finlayson, M., Halpern, B.S., Jorge, M.A., Lombana, A., Lourie, S.A., Martin, K.D., McManus, E., Molnar, J., Recchia, C.A., Robertson, J., 2007. Marine Ecoregions of the World: A Bioregionalization of Coastal and Shelf Areas. BioScience 57, 573–583. https://doi.org/10.1641/B570707
Boundaries	Territorial Seas (12 NM)	Boundaries; Boundaries/Administrative Areas; Water	DPG Open Data	CC BY 4.0	Flanders Marine Institute (2023). Maritime Boundaries Geodatabase: Territorial Seas (12NM), version 4. Available online at https://www.marineregions.org/. https://doi.org/10.14284/633
Built Environment	Average share of the built-up area of cities that is green/blue space for public use for all	Built Environment; Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Target 12; Policy/Global Biodiversity Framework/Target 12/Headline Indicators; Society; Society/Public Health	NA	NA	UN-Habitat Indicators Database, 2020. Indicator 11.7.1: Average share of the built-up area of cities that is open space for public use for all (%). Available at: https://data.unhabitat.org/pages/open-spaces-and-green-areas
Built Environment	Concentrations of fine particular matter (PM2.5)	Built Environment; Climate and Carbon; Human Impact; Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Target 11; Policy/Global Biodiversity Framework/Target 11/Component Indicators	NA	CC BY 4.0	World Health Organization (WHO), 2023. The Global Health Observatory. Annual mean concentration of particulate matter of less than 2.5 microns of diameter (PM2.5) [ug/m3] in urban areas. Available at: https://www.who.int/data/gho/data/indicators/indicator-details/GHO/concentrations-of-fine-particulate-matter-(pm2-5)
Built Environment	DMSP-OLS/VIIRS harmonized global nighttime light dataset 1992 to 2018	Built Environment; Human Impact	DPG Open Data; Time Series	CC BY 4.0	Li, X., Zhou, Y., Zhao, M., Zhao, X., 2020. A harmonized global nighttime light dataset 1992–2018. Scientific Data 7, 168. https://doi.org/10.1038/s41597-020-0510-y
Built Environment	Dam Catchments - Global Georeferenced Database of Dams (GOODD)	Built Environment; Water	DPG Open Data	CC0	Mulligan, M., van Soesbergen, A., Sáenz, L., 2020. GOODD, a global dataset of more than 38,000 georeferenced dams. Scientific Data 7, 31. https://doi.org/10.1038/s41597-020-0362-5Van Soesbergen, Arnout; Mulligan, Mark; Sáenz, Leonardo (2020): GOODD global dam dataset. figshare. Dataset. https://doi.org/10.6084/m9.figshare.9747686.v1

Table 1: UN Biodiversity Lab Data List *(continued)*

Category	Data Name	Sub-Categories	Tags	License	Citation(s)
Built Environment	Dams - Global Georeferenced Database of Dams (GOODD)	Built Environment; Water	DPG Open Data	CC0	Mulligan, M., van Soesbergen, A., Sáenz, L., 2020. GOODD, a global dataset of more than 38,000 georeferenced dams. Scientific Data 7, 31. https://doi.org/10.1038/s41597-020-0362-5Van Soesbergen, Arnout; Mulligan, Mark; Sáenz, Leonardo (2020): GOODD global dam dataset. figshare. Dataset. https://doi.org/10.6084/m9.figshare.9747686.v1
Built Environment	Global Grid of Probabilities of Urban Expansion to 2030	Built Environment; Human Impact; Land Cover and Land Use	DPG Open Data	CC BY 4.0	Seto, K.C., Güneralp, B., Hutyra, L.R., 2012. Global forecasts of urban expansion to 2030 and direct impacts on biodiversity and carbon pools. PNAS 109, 16083–16088. https://doi.org/10.1073/pnas.1211658109Seto, K., B. Güneralp, and L.R. Hutyra, 2016, "Global Grid of Probabilities of Urban Expansion to 2030", https://doi.org/10.7910/DVN/KGNTE1, Harvard Dataverse, V1
Built Environment	Global Mining Footprint	Built Environment; Land Cover and Land Use; Human Impact	DPG Open Data	CC BY 4.0	Tang L, Werner TT. 2023. Global mining footprint mapped from high-resolution satellite imagery. Communications Earth & Environment 4:1–12. Nature Publishing Group.
Built Environment	Global Solar Atlas: Yearly Average Potential Photovoltaic Electricity Production	Built Environment; Human Impact; Society; Society/Socioeconomic	DPG Open Data	CC BY 4.0	ESMAP. 2020. Global Photovoltaic Power Potential by Country. Washington, DC: World Bank. https://globalsolaratlas.info Global Solar Atlas 2.0 : Technical Report (English). Energy Sector Management Assistance Program Washington, D.C. : World Bank Group. http://documents.worldbank.org/curated/en/529431592893047 Solar-Atlas-2-0-Technical-Report
Built Environment	VIIRS Nighttime Lights (annual average)	Built Environment; Human Impact; Society	NA	CC BY 4.0	Elvidge, C.D, Zhizhin, M., Ghosh T., Hsu FC, Taneja J. Annual time series of global VIIRS nighttime lights derived from monthly averages:2012 to 2019. Remote Sensing 2021, 13(5), p.922, doi:10.3390/rs13050922
Built Environment	VIIRS Nighttime Lights (annual median)	Built Environment; Human Impact; Society	DPG Open Data	CC BY 4.0	Elvidge, C.D, Zhizhin, M., Ghosh T., Hsu FC, Taneja J. Annual time series of global VIIRS nighttime lights derived from monthly averages:2012 to 2019. Remote Sensing 2021, 13(5), p.922, doi:10.3390/rs13050922
Climate and Carbon	Aboveground Biomass Carbon Density 2010	Climate and Carbon	NA	NASA's Earth Science Data & Information Policy	Spawn, S.A., Sullivan, C.C., Lark, T.J. et al. Harmonized global maps of above and belowground biomass carbon density in the year 2010. Sci Data 7, 112 (2020). https://doi.org/10.1038/s41597-020-0444-4
Climate and Carbon	Belowground Biomass Carbon Density 2010	Climate and Carbon	NA	NASA's Earth Science Data & Information Policy	Spawn, S.A., and H.K. Gibbs. 2020. Global Aboveground and Belowground Biomass Carbon Density Maps for the Year 2010. ORNL DAAC, Oak Ridge, Tennessee, USA. https://doi.org/10.3334/ORNLDAAC/1763 Spawn, S.A., Sullivan, C.C., Lark, T.J. et al. Harmonized global maps of above and belowground biomass carbon density in the year 2010. Sci Data 7, 112 (2020). https://doi.org/10.1038/s41597-020-0444-4
Climate and Carbon	CBAS - Global Annual Burned Area Product (30m)	Climate and Carbon; Natural Hazards; Human Impact	DPG Open Data	CC BY 4.0	Long Tengfei, Zhang Zhaoming, He Guojin, et al. 30 m Resolution Global Annual Burned Area Mapping Based on Landsat Images and Google Earth Engine. Remote Sensing, 2019, 11:489-519.
Climate and Carbon	Central Congo Basin non-peat forming forest probability (2022)	Climate and Carbon	CongoPeat; DPG Open Data	GPL v3	Crezee B et al. 2022. Mapping peat thickness and carbon stocks of the central Congo Basin using field data. Nature Geoscience 15:639–644. Nature Publishing Group.

Table 1: UN Biodiversity Lab Data List *(continued)*

Category	Data Name	Sub-Categories	Tags	License	Citation(s)
Climate and Carbon	Central Congo Basin peat carbon density	Climate and Carbon	CongoPeat; DPG Open Data	CC BY 4.0	Crezee B et al. 2022. Mapping peat thickness and carbon stocks of the central Congo Basin using field data. Nature Geoscience 15:639–644.
Climate and Carbon	Central Congo Basin peat swamp forest probability	Climate and Carbon	CongoPeat; DPG Open Data	CC BY 4.0	Crezee B et al. 2022. Mapping peat thickness and carbon stocks of the central Congo Basin using field data. Nature Geoscience 15:639–644.
Climate and Carbon	Central Congo Basin peat thickness	Climate and Carbon	DPG Open Data; Congo-Peat	CC BY 4.0	Crezee B et al. 2022. Mapping peat thickness and carbon stocks of the central Congo Basin using field data. Nature Geoscience 15:639–644.
Climate and Carbon	Central Congo Basin peat thickness uncertainty (2022)	Climate and Carbon	CongoPeat; DPG Open Data	CC BY 4.0	NA
Climate and Carbon	Central Congo Basin peatland classification	Climate and Carbon; Land Cover and Land Use	CongoPeat; DPG Open Data	CC BY 4.0	Dargie GC, Lewis SL, Lawson IT, Mitchard ETA, Page SE, Bocko YE & Ifo, SA. 2017. Age, extent and carbon storage of the central Congo Basin peatland complex. Nature, doi:10.1038/nature21048Crezee B et al. 2022. Mapping peat thickness and carbon stocks of the central Congo Basin using field data. Nature Geoscience 15:639–644.
Climate and Carbon	Central Congo Basin savanna probability (2022)	Climate and Carbon	CongoPeat; DPG Open Data	GPL v3	Crezee B et al. 2022. Mapping peat thickness and carbon stocks of the central Congo Basin using field data. Nature Geoscience 15:639–644. Nature Publishing Group.
Climate and Carbon	Central Congo Basin water probability (2022)	Climate and Carbon	CongoPeat; DPG Open Data	GPL v3	Crezee B et al. 2022. Mapping peat thickness and carbon stocks of the central Congo Basin using field data. Nature Geoscience 15:639–644. Nature Publishing Group.
Climate and Carbon	Change in Tropical Aboveground Woody Carbon Density 2003-2014	Climate and Carbon	Time Series	CC BY-NC-ND 4.0	Baccini, A., W. Walker, L. Carvalho, M. Farina, D. Sulla-Menashe, R.A. Houghton. 2017. Tropical forests are a net carbon source based on aboveground measurements of gain and loss. Science 2017 Vol. 358, Issue 6360, pp. 230-234 DOI:10.1126/science.aam5962.

Table 1: UN Biodiversity Lab Data List *(continued)*

Category	Data Name	Sub-Categories	Tags	License	Citation(s)
Climate and Carbon	Chlorophyll-a concentration in seawater 1998-2023	Climate and Carbon; Water	Time Series	NA	Sathyendranath, S, Brewin, RJW, Brockmann, C, Brotas, V, Calton, B, Chuprin, A, Cipollini, P, Couto, AB, Dingle, J, Doerffer, R, Donlon, C, Dowell, M, Farman, A, Grant, M, Groom, S, Horseman, A, Jackson, T, Krasemann, H, Lavender, S, Martinez-Vicente, V, Mazeran, C, Mélin, F, Moore, TS, Müller, D, Regner, P, Roy, S, Steele, CJ, Steinmetz, F, Swinton, J, Taberner, M, Thompson, A, Valente, A, Zühlke, M, Brando, VE, Feng, H, Feldman, G, Franz, BA, Frouin, R, Gould, Jr., RW, Hooker, SB, Kahru, M, Kratzer, S, Mitchell, BG, Muller-Karger, F, Sosik, HM, Voss, KJ, Werdell, J, and Platt, T (2019) An ocean-colour time series for use in climate studies: the experience of the Ocean-Colour Climate Change Initiative (OC-CCI). Sensors: 19, 4285. doi:10.3390/s19194285Sathyendranath, S.; Jackson, T.; Brockmann, C.; Brotas, V.; Calton, B.; Chuprin, A.; Clements, O.; Cipollini, P.; Danne, O.; Dingle, J.; Donlon, C.; Grant, M.; Groom, S.; Krasemann, H.; Lavender, S.; Mazeran, C.; Mélin, F.; Müller, D.; Steinmetz, F.; Valente, A.; Zühlke, M.; Feldman, G.; Franz, B.; Frouin, R.; Werdell, J.; Platt, T. (2021): ESA Ocean Colour Climate Change Initiative (Ocean_Colour_cci): Version 5.0 Data. NERC EDS Centre for Environmental Data Analysis, 19 May 2021. doi:10.5285/1dbe7a109c0244aaad713e078fd3059a. http://dx.doi.org/10.5285/1dbe7a109c0244aaad713e078fd30
Climate and Carbon	Ecological footprint	Climate and Carbon; Human Impact; Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Target 16; Policy/Global Biodiversity Framework/Target 16/Component Indicators	NA	CC BY-SA 4.0	York University Ecological Footprint Initiative & Global Footprint Network. Public Data Package of the National Footprint and Biocapacity Accounts, 2023 edition. Produced for the Footprint Data Foundation and distributed by Global Footprint Network. Available online at: https://data.footprintnetwork.org.
Climate and Carbon	GLOSIS - Global Soil Organic Carbon	Climate and Carbon	DPG Open Data	CC BY 4.0	FAO GSP and ITPS, 2019. Global Soil Organic Carbon Map (GSOC map)
Climate and Carbon	Global Mangrove Soil Carbon	Climate and Carbon; Ecosystem Services	DPG Open Data	CC BY 3.0	Sanderman J, Hengl T, Fiske G, Solvik K, Adame MF, Benson L, et al. A global map of mangrove forest soil carbon at 30 m spatial resolution. Environ Res Lett. 2018;13: 055002. doi:10.1088/1748-9326/aabe1c
Climate and Carbon	Global Patterns in Marine Sediment Carbon Stocks	Climate and Carbon; Water; Water/Oceans	DPG Open Data	CC BY 4.0	Atwood TB, Witt A, Mayorga J, Hammill E, Sala E. (2020). Global patterns in marine sediment carbon stocks. Frontiers in Marine Science. Paper DOI: https://doi.org/10.3389/fmars.2020.00165. Data DOI: https://doi.org/10.6084/m9.figshare.9941816.v1

Table 1: UN Biodiversity Lab Data List *(continued)*

Category	Data Name	Sub-Categories	Tags	License	Citation(s)
Climate and Carbon	Index of coastal eutrophication potential: chlorophyll-a daily high anomaly (country level)	Climate and Carbon; Human Impact; Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Target 07; Policy/Global Biodiversity Framework/Target 07/Headline Indicators; Water	NA	CC BY 4.0	UNEP. 2022. Indicator 14.1.1, Series: Chlorophyll-a anomaly, remote sensing (%). Available at: https://unstats.un.org/sdgs/metadata/files/Metadata-14-01-01.pdf
Climate and Carbon	Index of coastal eutrophication potential: chlorophyll-a deviation (country level)	Climate and Carbon; Human Impact; Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Target 07; Policy/Global Biodiversity Framework/Target 07/Headline Indicators; Water	NA	CC BY 4.0	UNEP. 2022. Indicator 14.1.1, Series: Chlorophyll-a deviations, remote sensing (%). Available at: https://unstats.un.org/sdgs/metadata/files/Metadata-14-01-01.pdf
Climate and Carbon	Irrecoverable Carbon (Mg C ha-1)	Climate and Carbon	DPG Open Data	CC BY-NC 4.0	Noon, M.L., Goldstein, A., Ledezma, J.C., Roehrdanz, P., Cook-Patton, S.C., Spawn-Lee, S.A., Wright, T.M., Gonzalez-Roglich, M., Hole, D.G., Rockström, J., & Turner, W.R. Mapping the irrecoverable carbon in Earth's ecosystems. Nature Sustainability 5, 37-46 (2021). https://doi.org/10.1038/s41893-021-00803-6
Climate and Carbon	Live Biomass Carbon Density	Climate and Carbon	DPG Open Data; NatureMap	CC BY 4.0	García-Rangel, S. et al. (In prep) Global distribution of natural carbon stocks potentially vulnerable to land use changes
Climate and Carbon	MODIS Gross Primary Production (GPP)	Climate and Carbon; Ecosystem Services	NA	NA	Running, S., Mu, Q., Zhao, M. (2021). MODIS/Terra Gross Primary Productivity 8-Day L4 Global 500m SIN Grid V061 [Data set]. NASA EOSDIS Land Processes Distributed Active Archive Center. Accessed 2024-06-20 from https://doi.org/10.5067/MODIS/MOD17A2H.061
Climate and Carbon	MODIS Normalized Difference Vegetation Index (NDVI)	Climate and Carbon; Land Cover and Land Use	DPG Open Data	NA	Didan, K. (2021). MODIS/Terra Vegetation Indices 16-Day L3 Global 250m SIN Grid V061 [Data set]. NASA Land Processes Distributed Active Archive Center. https://doi.org/10.5067/MODIS/MOD13Q1.061 Date Accessed: 2025-10-02
Climate and Carbon	PEATGRIDS Carbon Density (Mg C per m^2)	Climate and Carbon	PEATGRIDS	CC BY 4.0	Widyastuti, M.T., Minasny, B., Padarian, J., Maggi, F., Aitkenhead, M., Beucher, A., Connolly, J., Fiantis, D., Kidd, D., Ma, Y., Macfarlane, F., Robb, C., Rudiyanto, Setiawan, B.I., Taufik, M., 2025. Digital mapping of peat thickness and carbon stock of global peatlands. CATENA 258, 109243. https://doi.org/10.1016/j.catena.2025.109243
Climate and Carbon	PEATGRIDS Carbon Stocks (Mg C)	Climate and Carbon	PEATGRIDS	CC BY 4.0	Widyastuti, M.T., Minasny, B., Padarian, J., Maggi, F., Aitkenhead, M., Beucher, A., Connolly, J., Fiantis, D., Kidd, D., Ma, Y., Macfarlane, F., Robb, C., Rudiyanto, Setiawan, B.I., Taufik, M., 2025. Digital mapping of peat thickness and carbon stock of global peatlands. CATENA 258, 109243. https://doi.org/10.1016/j.catena.2025.109243

Table 1: UN Biodiversity Lab Data List *(continued)*

Category	Data Name	Sub-Categories	Tags	License	Citation(s)
Climate and Carbon	PEATGRIDS Peat Thickness (m)	Climate and Carbon	PEATGRIDS	CC BY 4.0	Widyastuti, M.T., Minasny, B., Padarian, J., Maggi, F., Aitkenhead, M., Beucher, A., Connolly, J., Fiantis, D., Kidd, D., Ma, Y., Macfarlane, F., Robb, C., Rudiyanto, Setiawan, B.I., Taufik, M., 2025. Digital mapping of peat thickness and carbon stock of global peatlands. CATENA 258, 109243. https://doi.org/10.1016/j.catena.2025.109243
Climate and Carbon	Tier 1 Climate Stabilization Areas	Climate and Carbon; Ecosystem Services; Climate and Carbon/Climate Change Adaptation; Climate and Carbon/Climate Change Mitigation	DPG Open Data; Global Safety Net	CC BY 4.0	Dinerstein, E., Joshi, A.R., Vynne, C., Lee, A.T.L., Pharand-Deschênes, F., França, M., Fernando, S., Birch, T., Burkart, K., Asner, G.P., Olson, D., 2020. A "Global Safety Net" to reverse biodiversity loss and stabilize Earth's climate. Science Advances 6, eabb2824. https://doi.org/10.1126/sciadv.abb2824
Climate and Carbon	Tier 2 Climate Stabilization Areas	Climate and Carbon; Ecosystem Services; Climate and Carbon/Climate Change Adaptation; Climate and Carbon/Climate Change Mitigation	DPG Open Data; Global Safety Net	CC BY 4.0	Dinerstein, E., Joshi, A.R., Vynne, C., Lee, A.T.L., Pharand-Deschênes, F., França, M., Fernando, S., Birch, T., Burkart, K., Asner, G.P., Olson, D., 2020. A "Global Safety Net" to reverse biodiversity loss and stabilize Earth's climate. Science Advances 6, eabb2824. https://doi.org/10.1126/sciadv.abb2824
Climate and Carbon	Vulnerable Soil Carbon Density	Climate and Carbon; Ecosystem Services; Human Impact	DPG Open Data; NatureMap	CC BY-SA 2.0	García-Rangel, S. et al. (In prep) Global distribution of natural carbon stocks potentially vulnerable to land use changes.
Climate and Carbon	WCMC Terrestrial Carbon 2010	Climate and Carbon	DPG Open Data	CC BY-SA 4.0	Soto-Navarro C., Ravilious C., Arnell A., de Lamo X., Harfoot M., Hill S. L. L., Wearn O. R., Santoro M., Bouvet A., Mermoz S., Le Toan T., Xia J., Liu S., Yuan W., Spawn S. A., Gibbs H. K., Ferrier S., Harwood T., Alkemade R., Schipper A. M., Schmidt-Traub G., Strassburg B., Miles L., Burgess N. D. and Kapos V. (2020) Mapping co-benefits for carbon storage and biodiversity to inform conservation policy and action. Philosophical Transactions of the Royal Society B. 375
Ecosystem Services	Aqueduct 4.0 - Baseline Water Stress	Ecosystem Services; Water; Water/Freshwater	DPG Open Data	CC BY 4.0	Kuzma, S., M.F.P. Bierkens, S. Lakshman, T. Luo, L. Saccoccia, E. H. Sutanudjaja, and R. Van Beek. 2023. "Aqueduct 4.0: Updated decision-relevant global water risk indicators." Technical Note. Washington, DC: World Resources Institute. Available online at: doi.org/10.46830/writn.23.00061.
Ecosystem Services	Aqueduct 4.0 - Groundwater Decline	Ecosystem Services; Water; Water/Freshwater	DPG Open Data	CC BY 4.0	Kuzma, S., M.F.P. Bierkens, S. Lakshman, T. Luo, L. Saccoccia, E. H. Sutanudjaja, and R. Van Beek. 2023. "Aqueduct 4.0: Updated decision-relevant global water risk indicators." Technical Note. Washington, DC: World Resources Institute. Available online at: doi.org/10.46830/writn.23.00061.
Ecosystem Services	CBAS - Global Land Productivity Dynamic Dataset Product	Ecosystem Services	DPG Open Data	CC BY 4.0	Yuran Cui, Xiaosong Li, 2022. Global Land Productivity Dynamic Dataset Product. https://doi.org/10.11922/sciencedb.j00076.00084
Ecosystem Services	Critical Natural Assets	Ecosystem Services	NA	CC BY 4.0	Chaplin-Kramer, R., Neugarten, R.A., Sharp, R.P. et al. Mapping the planet's critical natural assets. Nat Ecol Evol 7, 51–61 (2023). https://doi.org/10.1038/s41559-022-01934-5
Ecosystem Services	MODIS Active Fires 24 hours	Ecosystem Services; Human Impact; Natural Hazards	NA	Disclaimer	MODIS Collection 61 NRT Hotspot / Active Fire Detections MCD14DL distributed from NASA FIRMS. Available on-line https://earthdata.nasa.gov/firms. doi:10.5067/FIRMS/MODIS/MCD14DL.NRT.0061

Table 1: UN Biodiversity Lab Data List *(continued)*

Category	Data Name	Sub-Categories	Tags	License	Citation(s)
Ecosystem Services	MODIS Burned Area	Ecosystem Services; Human Impact; Natural Hazards	NA	NA	Giglio, L., Justice, C., Boschetti, L., Roy, D. (2021). MODIS/Terra+Aqua Burned Area Monthly L3 Global 500m SIN Grid V061 [Data set]. NASA EOSDIS Land Processes DAAC. Accessed 2023-02-01 from https://doi.org/10.5067/MODIS/MCD64A1.061
Ecosystem Services	MODIS Enhanced Vegetation Index (EVI)	Ecosystem Services; Land Cover and Land Use	NA	US Government - Open Access	Didan, K. (2021). MODIS/Terra Vegetation Indices 16-Day L3 Global 250m SIN Grid V061 [Data set]. NASA EOSDIS Land Processes Distributed Active Archive Center. Accessed 2024-06-19 from https://doi.org/10.5067/MODIS/MOD13Q1.061
Ecosystem Services	MODIS Net Primary Production (NPP)	Ecosystem Services; Climate and Carbon	DPG Open Data	NA	Running, S., Zhao, M. (2021). MODIS/Terra Net Primary Production Gap-Filled Yearly L4 Global 500m SIN Grid V061 [Data set]. NASA EOSDIS Land Processes Distributed Active Archive Center. Accessed 2024-06-20 from https://doi.org/10.5067/MODIS/MOD17A3HGF.061
Ecosystem Services	Potential Clean Water Provision	Ecosystem Services; Society; Society/Public Health; Water; Water/Freshwater	NatureMap	NA	Mulligan, M. (2019) Potential Clean Water Provision. Model results from the Co$tingNature version 3 policy support system (non commercial-use). http://www.policysupport.org/costingnature [prepared by user mark.mulligan_kcl.ac.uk]
Ecosystem Services	Potential Natural Vegetation	Ecosystem Services	DPG Open Data; NatureMap	CC BY-SA 4.0	Hengl, Tomislav, Jung, Martin, & Visconti, Piero. (2020). Potential distribution of land cover classes (Potential Natural Vegetation) at 250 m spatial resolution (v0.1) [Data set]. Zenodo. https://doi.org/10.5281/zenodo.3631254
Ecosystem Services	Proportion of fish stocks within biologically sustainable levels	Ecosystem Services; Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Target 05; Policy/Global Biodiversity Framework/Target 05/Headline Indicators; Sustainable Development; Water	NA	CC BY-NC-SA 3.0 IGO	FAO 2016-2021. Sustainable Development Goals. Indicator 14.4.1 - Proportion of fish stocks within biologically sustainable levels. http://www.fao.org/sustainable-development-goals/indicators/1441/en/
Ecosystem Services	Realised Clean Water Provision	Ecosystem Services; Society; Society/Public Health; Water; Water/Freshwater	NA	NA	Unspecified License (King's College London)
Human Impact	CPI Categorical	Human Impact	NA	NA	Oakleaf, J., Kennedy, C., Wolff, N.H., Terasaki Hart, D.E., Ellis, P., Theobald, D.M., Fariss, B., Burkart, K., Kiesecker, J., 2024. Mapping global land conversion pressure to support conservation planning. Sci Data 11, 830. https://doi.org/10.1038/s41597-024-03639-9
Human Impact	CPI Continuous	Human Impact	NA	NA	Oakleaf, J., Kennedy, C., Wolff, N.H., Terasaki Hart, D.E., Ellis, P., Theobald, D.M., Fariss, B., Burkart, K., Kiesecker, J., 2024. Mapping global land conversion pressure to support conservation planning. Sci Data 11, 830. https://doi.org/10.1038/s41597-024-03639-9
Human Impact	Change in Cumulative Human Impact to Marine Ecosystems (2008-2013)	Human Impact; Water; Water/Oceans	DPG Open Data; Time Series	CC0 1.0	HalpeHalpern, B.S., Frazier, M., Potapenko, J., Casey, K.S., Koenig, K., Longo, C., Lowndes, J.S., Rockwood, R.C., Selig, E.R., Selkoe, K.A., Walbridge, S., 2015. Spatial and temporal changes in cumulative human impacts on the world's ocean. Nature Communications 6, 7615. https://doi.org/10.1038/ncomms8615

Table 1: UN Biodiversity Lab Data List *(continued)*

Category	Data Name	Sub-Categories	Tags	License	Citation(s)
Human Impact	Change in the extent of water-related ecosystems over time (2017-2021)	Human Impact; Water	Time Series	CC BY 4.0	UNEP. 2023. Change in the extent of water-related ecosystems over time. Data from: https://unstats.un.org/sdgs/dataportal/database
Human Impact	Conversion Pressure Index (CPI)	Human Impact	NA	NA	Oakleaf, J., Kennedy, C., Wolff, N.H., Terasaki Hart, D.E., Ellis, P., Theobald, D.M., Fariss, B., Burkart, K., Kiesecker, J., 2024. Mapping global land conversion pressure to support conservation planning. Sci Data 11, 830. https://doi.org/10.1038/s41597-024-03639-9
Human Impact	Floating plastic debris density (by micro and macro plastics (Sustainable Development Goal indicator 14.1.1(b))	Human Impact; Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Target 07; Policy/Global Biodiversity Framework/Target 07/Component Indicators; Water	NA	CC BY 4.0	UNEP. 2023. Floating plastic debris density (count per km2) EN_MAR_PLASDD. Available at: https://unstats.un.org/sdgs/metadata/files/Metadata-14-01-01.pdf
Human Impact	Food Waste Index	Human Impact; Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Target 16; Policy/Global Biodiversity Framework/Target 16/Component Indicators	NA	CC BY 4.0	United Nations Environment Programme (UNEP). 2021. "UNEP Food Waste Index Report 2021". Available at: https://www.unep.org/resources/report/unep-food-waste-index-report-2021Forbes & Quested. 02.05.2021. "Food Waste Index - Level 1 Annex". Supporting database for the UNEP Food Waste Index Report 2021.
Human Impact	Global Chlorophyll-a statistics by EEZ	Human Impact; Water	NA	NA	Sathyendranath, S, Brewin, RJW, Brockmann, C, Brotas, V, Calton, B, Chuprin, A, Cipollini, P, Couto, AB, Dingle, J, Doerffer, R, Donlon, C, Dowell, M, Farman, A, Grant, M, Groom, S, Horseman, A, Jackson, T, Krasemann, H, Lavender, S, Martinez-Vicente, V, Mazeran, C, Mélin, F, Moore, TS, Müller, D, Regner, P, Roy, S, Steele, CJ, Steinmetz, F, Swinton, J, Taberner, M, Thompson, A, Valente, A, Zühlke, M, Brando, VE, Feng, H, Feldman, G, Franz, BA, Frouin, R, Gould, Jr., RW, Hooker, SB, Kahru, M, Kratzer, S, Mitchell, BG, Muller-Karger, F, Sosik, HM, Voss, KJ, Werdell, J, and Platt, T (2019) An ocean-colour time series for use in climate studies: the experience of the Ocean-Colour Climate Change Initiative (OC-CCI). Sensors: 19, 4285. doi:10.3390/s19194285Sathyendranath, S.; Jackson, T.; Brockmann, C.; Brotas, V.; Calton, B.; Chuprin, A.; Clements, O.; Cipollini, P.; Danne, O.; Dingle, J.; Donlon, C.; Grant, M.; Groom, S.; Krasemann, H.; Lavender, S.; Mazeran, C.; Mélin, F.; Müller, D.; Steinmetz, F.; Valente, A.; Zühlke, M.; Feldman, G.; Franz, B.; Frouin, R.; Werdell, J.; Platt, T. (2021): ESA Ocean Colour Climate Change Initiative (Ocean_Colour_cci): Version 5.0 Data. NERC EDS Centre for Environmental Data Analysis, 19 May 2021. doi:10.5285/1dbe7a109c0244aaad713e078fd3059a. http://dx.doi.org/10.5285/1dbe7a109c0244aaad713e078fd30
Human Impact	Global Shipping Traffic Density	Human Impact	DPG Open Data	CC-BY 4.0	IMF's World Seaborne Trade monitoring system (Cerdeiro, Komaromi, Liu and Saeed, 2020)

Table 1: UN Biodiversity Lab Data List *(continued)*

Category	Data Name	Sub-Categories	Tags	License	Citation(s)
Human Impact	Gridded Livestock of the World (GLW 4)	Human Impact; Society; Society/Socioeconomic	DPG Open Data	CC0	Gilbert, M., Nicolas, G., Cinardi, G., Van Boeckel, T.P., Vanwambeke, S.O., Wint, G.R.W., Robinson, T.P., 2018. Global distribution data for cattle, buffaloes, horses, sheep, goats, pigs, chickens and ducks in 2010. Scientific Data 5, 180227. https://doi.org/10.1038/sdata.2018.227
Human Impact	Human Industrial Index 1993,2009 (v1)	Human Impact; Society	DPG Open Data; Time Series	CC0 1.0	Venter, O., Sanderson, E.W., Magrach, A., Allan, J.R., Beher, J., Jones, K.R., Possingham, H.P., Laurance, W.F., Wood, P., Fekete, B.M., Levy, M.A., Watson, J.E.M., 2016. Sixteen years of change in the global terrestrial human footprint and implications for biodiversity conservation. Nature Communications 7, 12558. https://doi.org/10.1038/ncomms12558
Human Impact	Human Industrial Index 2000-2013 (v2)	Human Impact; Society	DPG Open Data; Time Series	CC0 1.0	Williams, B.A., Venter, O., Allan, J.R., Atkinson, S.C., Rehbein, J.A., Ward, M., Marco, M.D., Grantham, H.S., Ervin, J., Goetz, S.J., Hansen, A.J., Jantz, P., Pillay, R., Rodríguez-Buriticá, S., Supples, C., Virnig, A.L.S., Watson, J.E.M., 2020. Change in Terrestrial Human Footprint Drives Continued Loss of Intact Ecosystems. One Earth 3, 371–382. https://doi.org/10.1016/j.oneear.2020.08.009
Human Impact	Human Modification Index	Human Impact	DPG Open Data	CC BY 4.0	Theobald, D.M., Oakleaf, J.R., Moncrieff, G., Voigt, M., Kiesecker, J. & Kennedy, C.M. (2025). Global extent and change in human modification of terrestrial ecosystems from 1990 to 2022. *Scientific Data* **12**, 489. [doi:10.1038/s41597-025-04892-2](https://doi.org/10.1038/s41597-025-04892-2)
Human Impact	Human Pressures	Human Impact	DPG Open Data; NatureMap	CC BY-SA 2.0	UNEP-WCMC (2020). Human pressures on biodiversity, water and carbon. Cambridge, UK.
Human Impact	Material footprint per capita	Human Impact; Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Target 16; Policy/Global Biodiversity Framework/Target 16/Component Indicators	NA	CC BY 4.0	United Nations Development Programme (UNDP) Human Development Reports. 2024. "Material footprint per capita (tonnes) 1990-2022 time series." Data Center. Available at: https://hdr.undp.org/data-center/documentation-and-downloads
Human Impact	Natural and Modified Habitat Screening Layer	Human Impact; Biodiversity/Ecosystem; Biodiversity	NA	CC BY-NC 4.0	Gosling, J., Jones, M. I., Arnell, A., Venter, O., Watson, J. E. M., Baquero, A. C., & Burgess, N. D. (2020). Natural and Modified Habitat Screening Layer [Data set]. UN Environment Programme World Conservation Monitoring Centre (UNEP-WCMC). https://doi.org/10.34892/4Q5V-GF37
Human Impact	Spatial distribution of micro-and macroplastics in large marine ecosystems	Human Impact; Water; Water/Oceans	NA	NA	Eriksen M, Lebreton LCM, Carson HS, Thiel M, Moore CJ, Borerro JC, et al. (2014) Plastic Pollution in the World's Oceans: More than 5 Trillion Plastic Pieces Weighing over 250,000 Tons Afloat at Sea. PLoS ONE 9(12): e111913. https://doi.org/10.1371/journal.pone.0111913
Human Impact	World Atlas of Desertification (WAD)	Human Impact; Restoration; Land Cover and Land Use	DPG Open Data	CC BY 4.0	Cherlet, M., Hutchinson, C., Reynolds, J., Hill, J., Sommer, S., von Maltitz, G. (eds.), World Atlas of Desertification, Publication Office of the European Union, Luxembourg, 2018. doi:10.2760/06292

Table 1: UN Biodiversity Lab Data List *(continued)*

Category	Data Name	Sub-Categories	Tags	License	Citation(s)
Land Cover and Land Use	ALOS Global Digital Surface Model	Land Cover and Land Use	NA	JAXA Terms of Use of Research Data	Japan Aerospace Exploration Agency (2021). ALOS World 3D 30 meter DEM. V3.2, Jan 2021. Distributed by OpenTopography. https://doi.org/10.5069/G94M92HB. Accessed: 2022-09-06
Land Cover and Land Use	CBAS - Global Land Cover FCS30 - 2020	Land Cover and Land Use	DPG Open Data	CC BY 4.0	Zhang, X., Liu, L., Chen, X., Gao, Y., Xie, S., Mi, J., 2021. GLC_FCS30: global land-cover product with fine classification system at 30 m using time-series Landsat imagery. Earth Syst. Sci. Data 13, 2753-2776 , https://doi.org/10.5194/essd-13-2753-2021.
Land Cover and Land Use	ESA CCI Land Cover (1992-2022)	Land Cover and Land Use	Time Series	"© ESA Climate Change Initiative – Land Cover project 2020 and EC C3S Land Cover, led by UCLouvain"	Defourny, P., Lamarche, C., Bontemps, S., De Maet, T., Van Bogaert, E., Moreau, I., Brockmann, C., Boettcher, M., Kirches, G., Wevers, J., Santoro, M., Ramoino, F., & Arino, O. (2017). Land Cover Climate Change Initiative - Product User Guide v2. Issue 2.0. http://maps.elie.ucl.ac.be/CCI/viewer/download/ESACCI-LC-Ph2-PUGv2_2.0.pdf
Land Cover and Land Use	ESA CGLS Land Cover 2015-2019 (100m)	Land Cover and Land Use	DPG Open Data; Time Series	Copernicus Land Monitoring Service	European Commission Directorate-General Joint Research Centre. Land Cover 2015-2019 (raster 100 m), global, annual - version 3. https://globalland.vito.be/geonetwork/srv/api/records/clms_glo
Land Cover and Land Use	ESA WorldCover 2021	Land Cover and Land Use	NA	CC BY 4.0	Soto-Navarro C., Ravilious C., Arnell A., de Lamo X., Harfoot M., Hill S. L. L., Wearn O. R., Santoro M., Bouvet A., Mermoz S., Le Toan T., Xia J., Liu S., Yuan W., Spawn S. A., Gibbs H. K.,Zanaga, D., Van De Kerchove, R., Daems, D., De Keersmaecker, W., Brockmann, C., Kirches, G., Wevers, J., Cartus, O., Santoro, M., Fritz, S., Lesiv, M., Herold, M., Tsendbazar, N.-E., Xu, P., Ramoino, F., & Arino, O. (2022). ESA WorldCover 10 m 2021 v200 (Version v200). https://doi.org/10.5281/zenodo.7254221
Land Cover and Land Use	ESRI Sentinel-2 10-Meter Land Use/Land Cover	Land Cover and Land Use	DPG Open Data; Time Series	CC BY 4.0	Karra, Kontgis, et al. "Global land use/land cover with Sentinel-2 and deep learning." IGARSS 2021-2021 IEEE International Geoscience and Remote Sensing Symposium. IEEE, 2021.
Land Cover and Land Use	Global Surface Water - Occurrence Change Intensity 1984-2018	Land Cover and Land Use; Water; Water/Freshwater	NA	Copernicus Regulation	Jean-Francois Pekel, Andrew Cottam, Noel Gorelick, Alan S. Belward, High-resolution mapping of global surface water and its long-term changes. Nature 540, 418-422 (2016). (doi:10.1038/nature20584)
Land Cover and Land Use	Global Surface Water - Transitions 2000-2018 (SDG 6.6.1 INDICATOR)	Land Cover and Land Use; Water; Water/Freshwater	Time Series	Copernicus Regulation	Jean-Francois Pekel, Andrew Cottam, Noel Gorelick, Alan S. Belward, High-resolution mapping of global surface water and its long-term changes. Nature 540, 418-422 (2016). (doi:10.1038/nature20584)

Table 1: UN Biodiversity Lab Data List *(continued)*

Category	Data Name	Sub-Categories	Tags	License	Citation(s)
Land Cover and Land Use	Yearly Updated Satellite Coverage 2016-2024	Land Cover and Land Use	Time Series	Creative Commons Attribution-NonCommer ShareAlike 4.0 International License	Sentinel-2 cloudless 2018-2024 by EOX IT Services GmbH is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 4.0 International License. The required attribution including the given links is ”Sentinel-2 cloudless - https://s2maps.eu by EOX IT Services GmbH (Contains modified Copernicus Sentinel data 2018-2024)”Sentinel-2 cloudless 2016 by EOX IT Services GmbH is licensed under a Creative Commons Attribution 4.0 International License. The required attribution including the given links is ”Sentinel-2 cloudless - https://s2maps.eu by EOX IT Services GmbH (Contains modified Copernicus Sentinel data 2016 & 2017)”LOGOThis dataset is not downloadable at the moment.
Natural Hazards	Death rate from natural disasters	Natural Hazards; Society	NA	CC BY 4.0	World Health Organization (WHO). 2023. ”Deaths by sex and age group for a selected country or area and year - natural disasters.” WHO Mortality Database
Natural Hazards	Deaths and missing persons due to natural disasters (UNDRR)	Natural Hazards; Society	NA	CC BY 4.0	UN Office for Disaster Risk Reduction – processed by Our World in Data. “Rate of deaths and missing persons due to natural disasters” [dataset]. UN Office for Disaster Risk Reduction, “United Nations Office for Disaster Risk Reduction (2024)” [original data].
Natural Hazards	Global Flood Database	Natural Hazards	DPG Open Data	CC BY-NC 4.0	Tellman, B., Sullivan, J.A., Kuhn, C., Kettner, A.J., Doyle, C.S., Brakenridge, G.R., Erickson, T.A., Slayback, D.A., 2021. Satellite imaging reveals increased proportion of population exposed to floods. Nature 596, 80–86. https://doi.org/10.1038/s41586-021-03695-w
Natural Hazards	Global Landslide Hazard Map	Natural Hazards	DPG Open Data	CC BY 4.0	Global Landslide Hazard Map, The World Bank
Natural Hazards	Global Landslide Susceptibility (CDRI)	Natural Hazards	DPG Open Data	CC BY 3.0 IGO	Palau, R.M., Nadim, F., Paulsen, E., Storrøsten, E., 2023. A new model for global landslide susceptibility assessment and scenario-based hazard assessment (Position Paper). Norwegian Geotechnical Institute (NGI).
Natural Hazards	Global Tsunami Risk Model	Natural Hazards; Water; Water/Oceans	DPG Open Data	CC BY-ND 4.0	Løvholt F, Glimsdal S, Harbitz CB, Horspool N, Smebye H, de Bono A, Nadim F. 2014. Global tsunami hazard and exposure due to large co-seismic slip. International Journal of Disaster Risk Reduction 10:406–418.Løvholt F, Griffin J, Salgado-Gálvez MA. 2016. Tsunami Hazard and Risk Assessment on the Global Scale. Pages 1–34 in Meyers RA, editor. Encyclopedia of Complexity and Systems Science. Springer, Berlin, Heidelberg.
Nature Based Solutions	Global Forest Restoration Opportunities to Foster Coral Reef Conservation - Sediment Export	Nature Based Solutions; Restoration; Biodiversity/Ecosystem; Ecosystem Services; Biodiversity	DPG Open Data	CC 1.0	Suárez-Castro, A.F., Beyer, H.L., Kuempel, C.D., Linke, S., Borrelli, P., Hoegh-Guldberg, O., 2021. Global forest restoration opportunities to foster coral reef conservation. Glob Change Biol 27, 5238–5252. https://doi.org/10.1111/gcb.15811

Table 1: UN Biodiversity Lab Data List *(continued)*

Category	Data Name	Sub-Categories	Tags	License	Citation(s)
Policy	Above-ground biomass in forest (AG_LND_FRSTBIO	Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Target 10; Policy/Global Biodiversity Framework/Target 10/Headline Indicators; Protected and Conserved Areas; Sustainable Development	NA	CC BY-NC-SA 3.0	Forest Agriculture Organization of the United Nations (FAO). Above-ground biomass in forest (AG_LND_FRSTBIOPHA). 2022 Available online at: https://data.apps.fao.org/catalog/dataset/above-ground-biomass-in-forest-ag_lnd_frstbiopha
Policy	Annual forest area change rate (AG_LND_FRSTCHG)	Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Target 10; Policy/Global Biodiversity Framework/Target 10/Headline Indicators; Protected and Conserved Areas; Sustainable Development	NA	CC BY-NC-SA 3.0	Forest Agriculture Organization of the United Nations (FAO). Annual forest area change rate (AG_LND_FRSTCHG). 2022 Available online at: https://data.apps.fao.org/catalog/dataset/annual-forest-area-change-rate-ag_lnd_frstchg
Policy	Degree of implementation of international instruments aiming to combat illegal, unreported and unregulated fishing	Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Target 05; Policy/Global Biodiversity Framework/Target 05/Component Indicators; Restoration; Society; Water	NA	CC BY 4.0	Food and Agriculture Organization of the United Nations. 2018. Indicator 14.6.1: Degree of implementation of international instruments aiming to combat illegal, unreported and unregulated fishing. Available at: https://www.fao.org/sustainable-development-goals-data-portal/data/indicators/1461-illegal-unreported-unregulated-fishing/en
Policy	Forest area under an independently verified forest management certification scheme (AG_LND_FRSTCERT)	Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Target 10; Policy/Global Biodiversity Framework/Target 10/Headline Indicators; Protected and Conserved Areas; Sustainable Development	NA	CC BY-NC-SA 3.0	Food and Agriculture Organization of the United Nations (FAO). Forest area under an independently verified forest management certification scheme (AG_LND_FRSTCERT). 2023. Available online at: https://data.apps.fao.org/catalog/dataset/forest-area-under-an-independently-verified-forest-management-certification-scheme-ag_lnd_frstcert

Table 1: UN Biodiversity Lab Data List *(continued)*

Category	Data Name	Sub-Categories	Tags	License	Citation(s)
Policy	IUCN UNESCO World Heritage Sites	Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Goal B; Policy/Global Biodiversity Framework/Goal B/Complementary Indicators; Policy/Global Biodiversity Framework/Target 03; Policy/Global Biodiversity Framework/Target 03/Complementary Indicators; Protected and Conserved Areas	DPG Open Data	UNEP-WCMC WDPA Data License	UNEP-WCMC and IUCN (2026), Protected Planet: The World Database on Protected and Conserved Areas (WDPCA) [Online], February 2026, Cambridge, UK: UNEP-WCMC and IUCN. Available at: www.protectedplanet.net.
Policy	Integration of biodiversity into national accounting and reporting systems, defined as implementation of the System of Environmental-Economic Accounting	Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Target 14; Policy/Global Biodiversity Framework/Target 14/Component Indicators; Society; Society/Socioeconomic; Sustainable Development	NA	CC BY 4.0	For 2022: SEEA UN. Global Assessment Results, 2022. Available online at: https://seea.un.org/content/2022-global-assessment-results
Policy	Land degradation (Sustainable Development Goal indicator 15.3.1)	Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Target 02; Policy/Global Biodiversity Framework/Target 02/Component Indicators; Restoration	NA	CC BY 4.0	United Nations Convention to Combat Desertification (UNCCD). 2019. SDG 15.3.1 - Proportion of land that is degraded over total land area (Percentage(%)). Available at: https://data.unccd.int/land-degradation?grouping=UNCCD
Policy	Number of companies publishing sustainability reports (Sustainable Development Goal indicator 12.6.1)	Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Target 15; Policy/Global Biodiversity Framework/Target 15/Component Indicators; Society; Society/Socioeconomic; Sustainable Development	NA	CC BY 4.0	UNEP. 2022. Indicator 12.6.1: Number of companies publishing sustainability reports (Tier II). Available at: https://www.unep.org/explore-topics/sustainable-development-goals/why-do-sustainable-development-goals-matter/goal-12-7

Table 1: UN Biodiversity Lab Data List *(continued)*

Category	Data Name	Sub-Categories	Tags	License	Citation(s)
Policy	Policy Instruments for the Environment (PINE)	Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Target 18; Policy/Global Biodiversity Framework/Target 18/Headline Indicators; Society; Sustainable Development	NA	CC BY 4.0	OECD, Policy Instruments for the Environment (PINE) Database, http://oe.cd/pinedatabase, (access year: 2023) version.
Policy	Proportion of bodies of water with good ambient water quality 2020	Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Target 11; Policy/Global Biodiversity Framework/Target 11/Component Indicators; Water	NA	CC BY-NC-SA 3.0 IGO	United Nations Environmental Programme (UNEP) and Food and Agriculture Organization (FAO), 2023. Proportion of bodies of water with good ambient water quality (EN_H2O_WBAMBQ). Available at: https://data.apps.fao.org/catalog/dataset/proportion-of-bodies-of-water-with-good-ambient-water-quality-er_h2o_wbambq/resource/3a8789d5-08b7-4099-8cae-317b945cf222
Policy	Proportion of domestic and industrial wastewater flow safely treated	Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Target 07; Policy/Global Biodiversity Framework/Target 07/Component Indicators; Society; Society/Public Health; Water	NA	CC BY 4.0	Data from multiple sources compiled by the UN – processed by Our World in Data. "6.3.1 - Proportion of safely treated domestic wastewater flows (%) - EN_WWT_WWDS" [dataset]. Data from multiple sources compiled by the UN [original data].
Policy	Proportion of forest area with a long-term management plan (AG_LND_FRSTMGT)	Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Target 10; Policy/Global Biodiversity Framework/Target 10/Headline Indicators; Protected and Conserved Areas; Sustainable Development	NA	CC BY-NC-SA 3.0	Forest Agriculture Organization of the United Nations (FAO). Proportion of forest area with a long-term management plan (AG_LND_FRSTMGT). 2022 Available online at: https://data.apps.fao.org/catalog/dataset/above-ground-biomass-in-forest-ag_lnd_frstmgt/resource/99cc399e-4f3b-4c29-a0ae-15eb5f2680e4
Policy	Proportion of forest area within legally established protected areas (AG_LND_FRSTPRC	Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Target 10; Policy/Global Biodiversity Framework/Target 10/Headline Indicators; Protected and Conserved Areas; Sustainable Development	NA	CC BY-NC-SA 3.0	Forest Agriculture Organization of the United Nations (FAO). Proportion of forest area within legally established protected areas (AG_LND_FRSTPRCT). 2022 Available online at: https://data.apps.fao.org/catalog/dataset/proportion-of-forest-area-within-legally-established-protected-areas-ag_lnd_frstprct

Table 1: UN Biodiversity Lab Data List *(continued)*

Category	Data Name	Sub-Categories	Tags	License	Citation(s)
Policy	Proportion of total adult population with secure tenure rights to land, (a) with legally recognized documentation, and (b) who perceive their rights to land as secure	Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Target 22; Policy/Global Biodiversity Framework/Target 22/Component Indicators; Policy/Global Biodiversity Framework/Target 23; Policy/Global Biodiversity Framework/Target 23/Component Indicators; Society	NA	CC BY 4.0	Food and Agriculture Organization of the United Nations (FAO). 2022. "Indicator 1.4.2 - Proportion of total adult population with secure tenure rights to land, (a) with legally recognized documentation, and (b) who perceive their rights to land as secure, by sex and type of tenure". SDG Indicators Database. Available at: https://unstats.un.org/sdgs/dataportal/database
Policy	Protected Area Connectedness Index (PARC-Connectedness)	Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Goal A; Policy/Global Biodiversity Framework/Goal A/Component Indicators; Policy/Global Biodiversity Framework/Target 03; Policy/Global Biodiversity Framework/Target 03/Component Indicators; Protected and Conserved Areas	NA	CC BY-NC 4.0	Harwood, Tom; Ware, Chris; Hoskins, Andrew; Ferrier, Simon (2022): PARC: Protected Area Connectedness Index v2: 30s global layer 2020. v1. CSIRO. Data Collection. https://doi.org/10.25919/kt3f-2z04
Policy	Protected Area Connectivity (ProtConn)	Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Goal A; Policy/Global Biodiversity Framework/Goal A/Component Indicators; Policy/Global Biodiversity Framework/Target 03; Policy/Global Biodiversity Framework/Target 03/Component Indicators; Protected and Conserved Areas	NA	CC BY-NC-ND 4.0	Saura, S., Bastin, L., Battistella, L., Mandrici, A., Dubois, G., 2017. Protected areas in the world's ecoregions: How well connected are they? Ecological Indicators 76, 144–158. https://doi.org/10.1016/j.ecolind.2016.12.047European Commission, Joint Research Centre (year). The Digital Observatory for Protected Areas (DOPA) [On-line], [insert month/year of the version accessed], Ispra, Italy

Table 1: UN Biodiversity Lab Data List *(continued)*

Category	Data Name	Sub-Categories	Tags	License	Citation(s)
Policy	Total amount of funding for developing countries to promote the development, transfer, dissemination and diffusion of environmentally sound technologies	Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Target 20; Policy/Global Biodiversity Framework/Target 20/Component Indicators; Society; Society/Socioeconomic; Sustainable Development	NA	CC BY 4.0	UNEP. 2020. Indicator 17.7.1: Total amount of funding for developing countries to promote the development, transfer, dissemination and diffusion of environmentally sound technologies. Available at: https://www.unep.org/explore-topics/sustainable-development-goals/why-do-sustainable-development-goals-matter/goal-17-0
Policy	WDPCA Protected and Conserved Areas	Policy; Policy/Global Biodiversity Framework; Policy/Global Biodiversity Framework/Target 02; Policy/Global Biodiversity Framework/Target 02/Headline Indicators; Policy/Global Biodiversity Framework/Target 03; Policy/Global Biodiversity Framework/Target 03/Headline Indicators; Protected and Conserved Areas	NA	UNEP-WCMC WDPCA Data License	UNEP-WCMC and IUCN (2026), Protected Planet: The World Database on Protected and Conserved Areas (WDPCA) [Online], February 2026, Cambridge, UK: UNEP-WCMC and IUCN. Available at: www.protectedplanet.net.
Protected and Conserved Areas	Protected Area Management Effectiveness (PAME)	Protected and Conserved Areas	NA	NA	Hockings, M., Stolton, S., Leverington, F., Dudley, N., Courrau, J. 2006. Evaluating Effectiveness: A framework for assessing management effectiveness of protected areas. 2nd edition. IUCN, Gland, Switzerland and Cambridge, UK. xiv + 105 pp. Geldmann, J., Coad, L., Barnes, M., Craigie, I.D., Hockings, M., Knights, K., Leverington, F., Cuadros, I.C., Zamora, C., Woodley, S., Burgess, N.D., 2015. Changes in protected area management effectiveness over time: A global analysis. Biological Conservation 191, 692–699. https://doi.org/10.1016/j.biocon.2015.08.029Leverington, F., Costa, K.L., Pavese, H., Lisle, A., Hockings, M., 2010. A Global Analysis of Protected Area Management Effectiveness. Environmental Management 46, 685–698. https://doi.org/10.1007/s00267-010-9564-5
Protected and Conserved Areas	Terrestrial Protected Areas WDPCA	Protected and Conserved Areas	NA	UNEP-WCMC WDPCA Data Licence	UNEP-WCMC, 2026. The World Database on Protected and Conserved Areas (WDPCA)[On-line]. Available at: www.protectedplanet.net.
Protected and Conserved Areas	UNESCO MAB Biosphere Reserves	Protected and Conserved Areas	NA	UNEP-WCMC WDPA Data Licence	UNEP-WCMC and IUCN (2026), Protected Planet: The World Database on Protected Areas (WDPA) and World Database on Other Effective Area-based Conservation Measures (WD-OECM) [Online], February 2026, Cambridge, UK: UNEP-WCMC and IUCN. Available at: www.protectedplanet.net.

Table 1: UN Biodiversity Lab Data List *(continued)*

Category	Data Name	Sub-Categories	Tags	License	Citation(s)
Protected and Conserved Areas	Wetlands of International Importance (Ramsar Sites - Boundaries)	Protected and Conserved Areas	DPG Open Data	NA	Convention on Wetlands (Ramsar, 1971)
Protected and Conserved Areas	Wetlands of International Importance (Ramsar Sites - Centroids)	Protected and Conserved Areas	DPG Open Data	NA	Convention on Wetlands (Ramsar, 1971)
Restoration	Areas of Global Significance for Restoration	Restoration; Nature Based Solutions	DPG Open Data; NatureMap	CC BY-NC-SA 4.0	Bernardo B. N. Strassburg, Alvaro Iribarrem, Hawthorne L. Beyer, Carlos Leandro Cordeiro, Renato Crouzeilles, Catarina Jakovac, André Junqueira, Eduardo Lacerda, Agnieszka E. Latawiec, Andrew Balmford, Thomas M. Brooks, Stuart H. M. Butchart, Robin L. Chazdon, Karl-Heinz Erb, Pedro Brancalion, Graeme Buchanan, David Cooper, Sandra Diaz, Paul F. Donald, Valerie Kapos, David Leclere, Lera Miles, Michael Obersteiner, Christoph Plutzar, Carlos Alberto de M. Scaramuzza, Fabio R. Scarano, Piero Visconti (2020). Global priority areas for ecosystem restoration. Nature, 586(7831), pp.724-729. https://doi.org/10.1038/s41586-020-2784-9
Restoration	Global Forest Restoration Opportunities to Foster Coral Reef Conservation - Coral Benefit Restoration Index	Restoration; Ecosystem Services; Nature Based Solutions; Biodiversity; Biodiversity/Ecosystem	DPG Open Data	CC 1.0	Suárez-Castro, A.F., Beyer, H.L., Kuempel, C.D., Linke, S., Borrelli, P., Hoegh-Guldberg, O., 2021. Global forest restoration opportunities to foster coral reef conservation. Glob Change Biol 27, 5238–5252. https://doi.org/10.1111/gcb.15811
Restoration	Restoration Resilience	Restoration	NA	CC BY 4.0	Pruckner, S., Thornton, H., McDermott-Long, O., De Lamo, X., Cugliari, L. & Gosling, J. 2021. Restoration Resilience: dataset. UNEP-WCMC. https://doi.org/10.34892/6v22-j032
Restoration	WePlan - Available Areas	Restoration	WePlan	CC BY 1.0	WePlan Forests (2020). Areas available for restoration. Available at: https://www.weplan-forests.org/methodology
Restoration	WePlan - Target 1	Restoration	WePlan	CC BY 1.0	WePlan Forests (2020). Areas available for restoration. Available at: https://www.weplan-forests.org/methodology
Restoration	WePlan - Target 2	Restoration	WePlan	CC BY 1.0	WePlan Forests (2020). Areas available for restoration. Available at: https://www.weplan-forests.org/methodology
Restoration	WePlan - Target 3	Restoration	WePlan	CC BY 1.0	WePlan Forests (2020). Areas available for restoration. Available at: https://www.weplan-forests.org/methodology
Restoration	WePlan - Target 4	Restoration	WePlan	CC BY 1.0	WePlan Forests (2020). Areas available for restoration. Available at: https://www.weplan-forests.org/methodology
Restoration	WePlan - Target 5	Restoration	WePlan	CC BY 1.0	WePlan Forests (2020). Areas available for restoration. Available at: https://www.weplan-forests.org/methodology
Society	Accessibility to Healthcare	Society; Society/Public Health	DPG Open Data	CC BY 4.0	D.J. Weiss, A. Nelson, C.A. Vargas-Ruiz, K. Gligorić, S. Bavadekar, E. Gabrilovich, A. Bertozzi-Villa, J. Rozier, H.S. Gibson, T. Shekel, C. Kamath, A. Lieber, K. Schulman, Y. Shao, V. Qarkaxhija, A.K. Nandi, S.H. Keddie, S. Rumisha, E. Cameron, K.E. Battle, S. Bhatt, P.W. Gething. Global maps of travel time to healthcare facilities. Nature Medicine (2020).

Table 1: UN Biodiversity Lab Data List *(continued)*

Category	Data Name	Sub-Categories	Tags	License	Citation(s)
Society	Global Development Potential Indices (DPI)	Society; Society/Socioeconomic; Sustainable Development	NA	CC 1.0	Oakleaf, J.R., Kennedy, C.M., Baruch-Mordo, S., Gerber, J.S., West, P.C., Johnson, J.A., Kiesecker, J., 2019. Mapping global development potential for renewable energy, fossil fuels, mining and agriculture sectors. Sci Data 6, 101. https://doi.org/10.1038/s41597-019-0084-8
Society	Global Gridded Relative Deprivation Index - GRDI (2010-2020)	Society; Society/Public Health	DPG Open Data	CC BY 4.0	Center for Integrated Earth System Information (CIESIN), Columbia University. 2025. Global Gridded Relative Deprivation Index (GRDI), Version 1.10. Palisades, New York: Center for Integrated Earth System Information (CIESIN), Columbia University. https://doi.org/10.7927/q57x-jt34.
Society	Global Multidimensional Poverty Index (MPI)	Society; Society/Public Health; Society/Socioeconomic; Sustainable Development	DPG Open Data	NA	Alkire, S., Kanagaratnam, U., and Suppa, N. 2025. The Global Multidimensional Poverty Index (MPI) 2025: Harmonised estimates over time. Oxford Poverty and Human Development Initiative (OPHI), University of Oxford. OPHI MPI Methodological Note 61. [dataset]. Downloaded from Oxford University Research Archive (ORA): https://ora.ox.ac.uk/objects/uuid:c855630a-8b72-45c8-a3cf-f2d3b5980ed7
Society	Human Development Index 2015	Society; Sustainable Development	DPG Open Data	Creative Commons Attribution 3.0 IGO	United Nations Development Programme, Human Development Report. 1980-2015. 'Human Development Index.' Retrieved from http://hdr.undp.org/en/composite/HDI.
Society	LandScan Global 2024	Society; Society/Socioeconomic	DPG Open Data	CC BY 4.0	Lebakula, V., Gonzales, J., Stipek, C., Tsybina, E., Zimmer, A., Nukavarapu, N., Byeonghwa, J., Reynolds, B., Kaufman, J., Fan, J., Martin, A., Buck, W., Basford, S., Faxon, A., Meade, S., & Urban, M. (2024). LandScan 2024 [Data set]. Oak Ridge National Laboratory. https://doi.org/10.48690/1532445
Society	Mortality rate attributable to unsafe water, sanitation and hygiene (unsafe WASH services)	Society; Society/Public Health; Water	NA	CC BY 4.0	Boisson, Sophie. World Health Organization (WHO) and the Global Health Observatory. SDG 3.9.2: mortality rate attributable to unsafe water, sanitation and hygiene (unsafe WASH services), 2019.
Society	Proportion of annual per capita income lost in a single calf depredation	Society; Society/Socioeconomic	DPG Open Data	CC BY 4.0	Braczkowski AR, O'Bryan CJ, Lessmann C, Rondinini C, Crysell AP, Gilbert S, Stringer M, Gibson L, Biggs D. 2023. The unequal burden of human-wildlife conflict. Communications Biology 6:1–9. Nature Publishing Group.
Society	WorldPop: Estimated Residential Population 2000-2020	Society	DPG Open Data; Time Series	CC BY 4.0	Americas population data: Sorichetta, A., Hornby, G.M., Stevens, F.R., Gaughan, A.E., Linard, C., Tatem, A.J., 2015. High-resolution gridded population datasets for Latin America and the Caribbean in 2010, 2015, and 2020. Scientific Data 2, 150045. https://doi.org/10.1038/sdata.2015.45 Africa population count data: Linard, C., Gilbert, M., Snow, R.W., Noor, A.M., Tatem, A.J., 2012. Population Distribution, Settlement Patterns and Accessibility across Africa in 2010. PLOS ONE 7, e31743. https://doi.org/10.1371/journal.pone.0031743 Asia population count data: Gaughan, A.E., Stevens, F.R., Linard, C., Jia, P., Tatem, A.J., 2013. High Resolution Population Distribution Maps for Southeast Asia in 2010 and 2015. PLOS ONE 8, e55882. https://doi.org/10.1371/journal.pone.0055882

Table 1: UN Biodiversity Lab Data List *(continued)*

Category	Data Name	Sub-Categories	Tags	License	Citation(s)
Society/Public Health	Extreme Urban Heat Exposure (UHE-Daily), 1983-2016	Society/Public Health; Natural Hazards; Society	DPG Open Data	CC BY 4.0	(Methods) Tuholske, C., K. Caylor, C. Funk, A. Verdin, S. Sweeney, K. Grace, P. Peterson, and T. Evans. 2021. Global Urban Population Exposure to Extreme Heat. Proceedings of the National Academy of Sciences 118(41), e2024792118. https://doi.org/10.1073/pnas.2024792118.(Data) Tuholske, C., K. Caylor, C. Funk, A. Verdin, S. Sweeney, K. Grace, P. Peterson, and T. Evans. 2021. Global High Resolution Daily Extreme Urban Heat Exposure (UHE-Daily), 1983-2016. Palisades, NY: NASA Socioeconomic Data and Applications Center (SEDAC).
Sustainable Development	UNDP/GEF Funded Projects	Sustainable Development; Protected and Conserved Areas	NA	NA	Global Environment Facility (2020). UNDP-GEF Projects.
Water	City Water Map (CWM) - Diversion Points	Water; Water/Freshwater	DPG Open Data	CC BY-NC 4.0	McDonald, R.I., Weber, K., Padowski, J., Flörke, M., Schneider, C., Green, P.A., Gleeson, T., Eckman, S., Lehner, B., Balk, D., Boucher, T., Grill, G., Montgomery, M., 2014. Water on an urban planet: Urbanization and the reach of urban water infrastructure. Global Environmental Change 27, 96–105. https://doi.org/10.1016/j.gloenvcha.2014.04.022
Water	City Water Map (CWM) - Watersheds	Water; Water/Freshwater	DPG Open Data	CC BY-NC 4.0	McDonald, R.I., Weber, K., Padowski, J., Flörke, M., Schneider, C., Green, P.A., Gleeson, T., Eckman, S., Lehner, B., Balk, D., Boucher, T., Grill, G., Montgomery, M., 2014. Water on an urban planet: Urbanization and the reach of urban water infrastructure. Global Environmental Change 27, 96–105. https://doi.org/10.1016/j.gloenvcha.2014.04.022
Water	Ecologically or Biologically Significant Marine Areas (EBSAs)	Water; Biodiversity; Biodiversity/Ecosystem; Water/Oceans	DPG Open Data	CC0	CBD Secretariat, 2025. Ecologically or Biologically Significant Marine Areas.
Water	Global Distribution of Cold-Water Corals	Water; Biodiversity; Water/Oceans; Biodiversity/Ecosystem	NA	UNEP-WCMC General Data License (excluding WDPA)	Freiwald A, Rogers A, Hall-Spencer J, Guinotte JM, Davies AJ, Yesson C, Martin CS, Weatherdon LV (2017). Global distribution of cold-water corals (version 5.0). Fifth update to the dataset in Freiwald et al. (2004) by UNEP-WCMC, in collaboration with Andre Freiwald and John Guinotte. Cambridge (UK): UN Environment World Conservation Monitoring Centre. URL: http://data.unep-wcmc.org/datasets/3
Water	Global Fishing Watch: Annual Fishing Hours (2016)	Water; Human Impact; Society/Socioeconomic; Water/Oceans; Society	DPG Open Data	CC BY-SA 4.0	Kroodsma, D.A., Mayorga, J., Hochberg, T., Miller, N.A., Boerder, K., Ferretti, F., Wilson, A., Bergman, B., White, T.D., Block, B.A., Woods, P., Sullivan, B., Costello, C., Worm, B., 2018. Tracking the global footprint of fisheries. Science 359, 904–908. https://doi.org/10.1126/science.aao5646
Water	Global Surface Water - Maximum Water Extent 1984-2018	Water; Water/Freshwater	NA	Copernicus Regulation	Jean-Francois Pekel, Andrew Cottam, Noel Gorelick, Alan S. Belward, High-resolution mapping of global surface water and its long-term changes. Nature 540, 418-422 (2016). doi:10.1038/nature20584
Water	Global Surface Water - Occurrence 1984-2018	Water; Land Cover and Land Use; Water/Freshwater	NA	Copernicus Regulation	Jean-Francois Pekel, Andrew Cottam, Noel Gorelick, Alan S. Belward, High-resolution mapping of global surface water and its long-term changes. Nature 540, 418-422 (2016). (doi:10.1038/nature20584)
Water	Global Surface Water - Recurrence 1984 - 2018	Water; Land Cover and Land Use; Water/Freshwater	NA	Copernicus Regulation	Jean-Francois Pekel, Andrew Cottam, Noel Gorelick, Alan S. Belward, High-resolution mapping of global surface water and its long-term changes. Nature 540, 418-422 (2016). (doi:10.1038/nature20584)

Table 1: UN Biodiversity Lab Data List *(continued)*

Category	Data Name	Sub-Categories	Tags	License	Citation(s)
Water	Global Surface Water - Seasonality 2014 - 2018	Water; Land Cover and Land Use; Water/Freshwater	NA	Copernicus Regulation	Jean-Francois Pekel, Andrew Cottam, Noel Gorelick, Alan S. Belward, High-resolution mapping of global surface water and its long-term changes. Nature 540, 418-422 (2016). (doi:10.1038/nature20584)
Water	Marine Pollution Index	Water; Human Impact; Water/Oceans	DPG Open Data	CC BY 1.0	Halpern, B.S., Frazier, M., Potapenko, J., Casey, K.S., Koenig, K., Longo, C., Lowndes, J.S., Rockwood, R.C., Selig, E.R., Selkoe, K.A., Walbridge, S., 2015. Spatial and temporal changes in cumulative human impacts on the world's ocean. Nature Communications 6, 7615. https://doi.org/10.1038/ncomm
Water	Marine Protected Areas WDPCA	Water; Protected and Conserved Areas; Water/Oceans	NA	UNEP-WCMC WDPCA Data Licence	UNEP-WCMC, 2026. The World Database on Protected and Conserved Areas (WDPCA)[On-line]. Available at: www.protectedplanet.net.
Water	Marine Wilderness	Water; Biodiversity; Water/Oceans	DPG Open Data	CC BY 1.0	Jones, K.R., Klein, C.J., Halpern, B.S., Venter, O., Grantham, H., Kuempel, C.D., Shumway, N., Friedlander, A.M., Possingham, H.P., Watson, J.E.M., 2018. The Location and Protection Status of Earth's Diminishing Marine Wilderness. Current Biology 28, 2506-2512.e3. https://doi.org/10.1016/j.cub.2018.06.010/
Water	Nitrate (no3) concentration in sea water in 2025 | Global Ocean Biogeochemistry by MOI	Water; Water/Oceans	biogeochemistry; ocean; nitrate; no3; eutrophication; pelagic; Mercator Ocean International; marine; 2025; monthly; global; raster	NA	E.U. Copernicus Marine Service Information; https://doi.org/10.48670/moi-00015
Water/Ocean	Global plastic concentrations in the marine environment (0-5m depth)	Water/Oceans; Human Impact; Water	NA	CC BY 4.0	Kaandorp, M.L.A., Lobelle, D., Kehl, C. et al. Global mass of buoyant marine plastics dominated by large long-lived debris. Nat. Geosci. 16, 689–694 (2023). https://doi.org/10.1038/s41561-023-01216-0