

References

- Aber, J., Neilson, R., McNulty, S., Lenihan, J., Bachelet, D. and Drapek, R. (2001). *Forest processes and global environmental change: predicting the effects of individual and multiple stressors: we review the effects of several rapidly changing environmental drivers on ecosystem function, discuss interactions among them, and summarize pr.* 51(9), 735-751. doi:[https://doi.org/10.1641/0006-3568\(2001\)051\[0735:FPAGEC\]2.0.CO;2](https://doi.org/10.1641/0006-3568(2001)051[0735:FPAGEC]2.0.CO;2)
- Adams, J. B., Taljaard, S., Van Niekerk, L. and Lemley, D. A. (2020). Nutrient enrichment as a threat to the ecological resilience and health of South African microtidal estuaries. *African Journal of Aquatic Science*, 45(1-2), 23-40. doi:<https://doi.org/10.2989/16085914.2019.1677212>
- Adeoti, O. (2020). Constraints on data collection implementation at the river basin level in Nigeria. *Journal of Hydrology: Regional Studies*, 32. doi:<https://doi.org/10.1016/j.ejrh.2020.100738>
- African Development Bank Group (2022a). *African Economic Outlook 2022*. Abidjan: African Development Bank Group. Retrieved from <https://www.afdb.org/en/documents/african-economic-outlook-2022>
- African Development Bank Group (2022b). *Water Strategy 2021 - 2025: Towards a Water Secure Africa*. The African Development Bank Group. Retrieved from <https://www.afdb.org/en/documents/water-strategy-2021-2025-towards-water-secure-africa>
- Ahmed, J., Thakur, A. and Goyal, A. (2021). Industrial Wastewater and Its Toxic Effects. In *Biological Treatment of Industrial Wastewater* (pp. 1-14). Royal Society of Chemistry. doi:<https://doi.org/10.1039/9781839165399>
- Akram, R., Fahad, S., Hashmi, M., Wahid, A., Adnan, M., Mubeen, M., . . . Nasim, W. (2019). Trends of electronic waste pollution and its impact on the global environment and ecosystem. *Environmental Science and Pollution Research*, 26, 16923-16938. doi:<https://doi.org/10.1007/s11356-019-04998-2>
- Allen, C., Smith, M., Rabiee, M. and Dahmm, H. (2021). A review of scientific advancements in datasets derived from big data for monitoring the Sustainable Development Goals. *Sustainability Science*, 16(5), 1701–1716. doi:<https://doi.org/10.1007/s11625-021-00982-3>
- Alonso, J. (2020, February 01). *World Wetlands Day: "Wetlands feed humanity"*. Retrieved September 30, 2022, from Science and Ecology: <https://www.dw.com/es/d%C3%ADa-mundial-de-los-humedales-los-humedales-alimentan-a-la-humanidad/a-52224354>
- Anselm, N., Brokamp, G. and Schutt, B. (2018). Assessment of Land Cover Change in Peri-Urban High Andean Environments South of Bogota, Colombia. *Land*, 7(2). doi:<https://doi.org/10.3390/land7020075>



- Asian Development Bank (2020a). *Asian Water Development Outlook 2020: Advancing Water Security across Asia and the Pacific*. Manila: Asian Development Bank. doi:<https://dx.doi.org/10.22617/SGP200412-2>
- Asian Development Bank (2020b). *Overview of Mongolia's Water Resources System and Management: A Country Water Security Assessment*. Manila: Asian Development Bank. Retrieved from <https://www.adb.org/sites/default/files/institutional-document/704211/mongolia-country-water-security-assessment.pdf>
- Asian Development Bank (2022, November 8). *ADB Announces \$200 Million Goal for Water Resilience Program*. Retrieved December 17, 2022, from Reliefweb: <https://reliefweb.int/report/world/adb-announces-200-million-goal-water-resilience-program>
- Asia-Pacific Water Forum (2017). *Third Asia-Pacific Water Summit: Water Security for Sustainable Development*. Yangon Declaration: The Pathway Forward. Yangon: Asia-Pacific Water Forum. Retrieved from https://apwf.org/apwf_wp/wp-content/uploads/2017/12/Yangon-Declaration.pdf
- Asia-Pacific Water Forum (2022). *4th Asia-Pacific Water Summit: Water for Sustainable Development. Best Practices and the Next Generation. Kumamoto Declaration*. Kumamoto: Asia-Pacific Water Summit. Retrieved from https://apwf.org/apwf_wp/wp-content/uploads/2022/04/Kumamoto-Declaration.pdf
- Asia-Pacific Water Summit (2018, January 11). *The 3rd APWS adapted "Yangon Declaration: The Pathway Forward"*. Retrieved September 30, 2022, from Asia-Pacific Water Forum: <https://apwf.org/the-3rd-apws-adapted-yangon-declaration-the-pathway-forward/>
- Archer, E., Dziba, L., Mulongoy, K., Maela, M. A., Walters, M. and Biggs, R. (2018). *Summary for Policymakers of the Regional Assessment Report on Biodiversity and Ecosystem Services for Africa of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services*. Bonn: Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services.
- Arum, S., Harisuseno, D. and Soemarno, S. (2019). Domestic Wastewater Contribution to Water Quality of Brantas River at Dinoyo Urban Village, Malang City. *Indonesian Journal of Environment and Sustainable Development*, 10(2). doi:<https://doi.org/10.21776/ub.jpal.2019.010.02.02>
- Awonaike, B., Parajulee, A., Lei, Y. and Wania, F. (2022). Traffic-related sources may dominate urban water contamination for many organic contaminants. *Environmental Research Letters*, 17(4). doi:<https://doi.org/10.1088/1748-9326/ac5c0e>
- Aydin, M., Aydin, S., Beduk, F. and Bahadir, M. (2016). Reuse of wastewater for irrigation in MENA region and Konya experiences. *International Workshop on Wastewater Treatment And Reuse For Metropolitan Regions And Small Cities In Developing Countries*. Recife. Retrieved from https://www.researchgate.net/publication/343914460_REUSE_OF_WASTEWATER_FOR_IRRIGATION_IN_MENA_REGION_AND_KONYA_EXPERIENCES

- Banerjee, R., Moller-Gulland, J., van der Linden, W., Khardaeva, O., Retter, M., Subramanian, S. and Eickmann, C. (2014). *Mongolia: Targeted Analysis on Water Resources Management Issues*. The 2030 Water Resources Group. Retrieved from https://2030wrg.org/wp-content/uploads/2014/07/2030WRG_MONGOLIA.pdf
- Baranyai, G. (2019). Transboundary water governance in the European Union: the (unresolved) allocation question. *Water Policy*, 21(3), 496-513. doi:<https://doi.org/10.2166/wp.2019.033>
- Bellanger, M., Speir, C., Blanchard, F., Brooks, K., Butler, J., Crosson, S., . . . Le Gallic, B. (2020). Addressing marine and coastal governance conflicts at the interface of multiple sectors and jurisdictions. *Frontiers in Marine Science*, 7, 544440.
- Bian, J., Li, A., Lei, G., Zhang, Z. and Nan, X. (2020). Global high-resolution mountain green cover index mapping based on Landsat images and Google Earth Engine. *ISPRS Journal of Photogrammetry and Remote Sensing*, 162, 63-76. doi:<https://doi.org/10.1016/j.isprsjprs.2020.02.011>
- Biermann, L., Clewley, D., Martinez-Vicente, V. and Topouzelis, K. (2020). Finding plastic patches in coastal waters using optical satellite data. *Scientific reports*, 10(1), 1-10. doi:<https://doi.org/10.1038/s41598-020-62298-z>
- BirdLife International (2022). *About us: Who we are*. Retrieved September 30, 2022, from BirdLife International: <https://www.birdlife.org/who-we-are/>
- Blumenstock, J., Cadamuro, G. and On, R. (2015). Predicting poverty and wealth from mobile phone metadata. *Science*, 350(6264), 1073-1076. doi:<https://doi.org/10.1126/science.aac4420>
- Boesch, D. (2019). Barriers and bridges in abating coastal eutrophication. *Frontiers in Marine Science*, 6, 123.
- Borja, S., Kalantari, Z. and Destouni, G. (2020). Global Wetting by Seasonal Surface Water Over the Last Decades. *Earth's Future*, 8(3). doi:<https://doi.org/10.1029/2019EF001449>
- Bouchard, R., Hayford, B. and Ferrington, L. (2022). Diversity of Chironomidae (Diptera) along a salinity gradient in lakes of the endorheic Great Lakes region of western Mongolia. *Hydrobiologia*, 849, 2161-2175. doi:<https://doi.org/10.1007/s10750-022-04856-2>
- Bruckner, B., Hubacek, K., Shan, Y., Zhong, H. and Feng, K. (2022). Impacts of poverty alleviation on national and global carbon emissions. *Nature Sustainability*, 5, 311-320. doi:<https://doi.org/10.1038/s41893-021-00842-z>
- Cai, W., Hu, X., Huang, W., Murrell, M., Lehrter, J., Lohrenz, S., . . . Zhao, P. (2011). Acidification of subsurface coastal waters enhanced by eutrophication. *Nature geoscience*, 4(11), 766-770.



Campuzano Ochoa, C., Roldan, G., Torres Abello, A., Lara Borrero, J., Galarza Molina, S., Giraldo Osorio, J., . . . Ruiz, C. (2015). Urban Water in Colombia. In *Urban Water Challenges in the Americas: Aperspective from the Academies of Sciences* (pp. 169-202). Tlalpan: IANAS and UNESCO. Retrieved from https://www.researchgate.net/publication/274006901_Urban_Water_in_Colombia

Canada, Statistics Canada (2017a). *World Water Day...by the numbers*. Retrieved 11 01, 2022, from Statistics Canada: https://www.statcan.gc.ca/en/dai/smr08/2017/smr08_215_2017

Canada, Statistics Canada (2017b). *Section 2: Freshwater supply and demand*. Retrieved 09 30, 2022, from Statistics Canada: <https://www150.statcan.gc.ca/n1/pub/16-201-x/2017000/sec-2-eng.htm>

Canada, Statistics Canada (2021). *Environmental Thematic Maps and Graphics: Accounting for ecosystem change*. Retrieved 09 30, 2022, from Statistics Canada: <https://www150.statcan.gc.ca/n1/pub/38-20-0001/382000012021001-eng.htm>

Canadell, J., Monteiro, P. M., Costa, M. H., Cotrim da Cunha, L., Cox, P. M., Eliseev, A. V., . . . Zickfeld, K. (2021). Global Carbon and other Biogeochemical Cycles and Feedbacks. In *Climate Change 2021: The Physical Science Basis. Contribution of Working Group I to the Sixth Assessment Report of the Intergovernmental Panel on Climate Change*. Cambridge University.

Candelise, C., Saccone, D. and Vallino, E. (2021). An empirical assessment of the effects of electricity access on food security. *World Development*, 141. doi:<https://doi.org/10.1016/j.worlddev.2021.105390>

Carpenter, S., Stanley, E. and Vander Zanden, M. (2011). State of the world's freshwater ecosystems: physical, chemical, and biological changes. *Annual review of Environment and Resources*, 36, 75-99. doi:<https://doi.org/10.1146/annurev-environ-021810-094524>

Castaño-Vinyals, G., Cantor, K., Villanueva, C., Tardon, A., Garcia-Closas, R., Serra, C., . . . Kogevinas, M. (2011). Socioeconomic status and exposure to disinfection by-products in drinking water in Spain. *Environmental Health*, 10(1), 1-6.

Castle, S., Thomas, B., Reager, J., Rodell, M., Swenson, S. and Famiglietti, J. (2014). Groundwater depletion during drought threatens future water security of the Colorado River Basin. *Geophysical research letters*, 41(16), 5904-5911. doi:<https://doi.org/10.1002/2014GL061055>

Center of Big Data for Sustainable Development Goals (n.d.a). *Reports*. Retrieved September 30, 2022, from International Research Center of Big Data for Sustainable Development Goals: <http://www.cbias.ac.cn/en/publications/reports/>

Center of Big Data for Sustainable Development Goals (n.d.b). *SDGSAT-1 Open Science Program*. Retrieved September 30, 2022, from International Research Center of Big Data for Sustainable Development Goals: <http://www.sdgsat.ac.cn/>

Center of Big Data for Sustainable Development Goals (n.d.c). *SDGs Data Analysis*. Retrieved November 10, 2022, from International Research Center of Big Data for Sustainable Development Goals: <https://sdg.casearth.cn/en/onlineTools/indicatorCalculate>

Chapman, C., Abernathy, K., Chapman, L., Downs, C., Effiom, E., Gogarten, J., . . . Omeja, P. (2022). The future of sub-Saharan Africa's biodiversity in the face of climate and societal change. *Frontiers in Ecology and Evolution*, 744. doi:<https://doi.org/10.3389/fevo.2022.790552>

Chase, C., Bahuguna, A., Chen, Y., Haque, S. and Schulte, M. (2019). *Water and Nutrition: A Framework for Action*. Washington, DC.: World Bank. Retrieved from <https://gdc.unicef.org/resource/water-and-nutrition-framework-action-0>

Civitelli, F. and Gruere, G. (2016). Policy options for promoting urban-rural cooperation in water management: a review. *International Journal of Water Resources Development*, 33(6), 852-867. doi:<https://doi.org/10.1080/07900627.2016.1230050>

Clements, A., Griswold, W., Abhijit, R. S., Johnston, J., Herting, M., Thorson, J., . . . Hannigan, M. (2017). Low-cost air quality monitoring tools: from research to practice (a workshop summary). *Sensors*, 17(11), p.2478. doi:<https://doi.org/10.3390/s17112478>

Colombia, Ministry of Environment and Sustainable Development (2017). *Biodiversity Action Plan for the Implementation of the National Policy for the Integral Management of Biodiversity and its Ecosystem Services / 2016 - 2030*. Ministry of Environment and Sustainable Development. Retrieved from <https://www.cbd.int/doc/world/co/co-nbsap-oth-en.pdf>

Committee on Earth Observation Satellites (2018). *Satellite Earth Observations in Support of the Sustainable Development Goals, Special 2018 Edition*. ESA. Retrieved from http://eohandbook.com/sdg/files/CEOS_EOHB_2018_SDG.pdf

Committee on Earth Observation Satellites (n.d.). *CEOS and the UN Sustainable Development Goals*. Retrieved September 30, 2022, from Committee on Earth Observation Satellites: <https://ceos.org/sdg/>

Conley, D. J., Bonsdorff, E., Carstensen, J., Destouni, G., Gustafsson, B. G., Hansson, L. A., . . . Zillén, L. (2009). Tackling hypoxia in the Baltic Sea: is engineering a solution? *Environ. Sci. Technol.*, 43(10), 3407–3411. doi:<https://doi.org/10.1021/es8027633>

Constable, A., Harper, S., Dawson, J., Holsman, K., Mustonen, T., Piepenburg, D. and Rost, B. (2022). *Cross-Chapter Paper 6: Polar Regions*. In: *Climate Change 2022: Impacts, Adaptation and Vulnerability. Contribution of Working Group II to the Sixth Assessment Report of the Intergovernmental Panel on Climate Change*. Cambridge, UK and New York, NY, USA: Cambridge University Press. doi:[10.1017/9781009325844.023](https://doi.org/10.1017/9781009325844.023)

Convention on Biological Diversity (n.d.). *Implications of biofuels on water resources*. Convention on Biological Diversity. Retrieved from <https://www.cbd.int/doc/biofuel/Bioversity%20IWM-Report-Biofuels.pdf>



- Cooley, S., Schoeman, D., Bopp, L., Boyd, P., Donner, S., Ito, S. I., . . . et al. (2022). *Oceans and Coastal Ecosystems and Their Services*. In: *Climate Change 2022: Impacts, Adaptation and Vulnerability. Contribution of Working Group II to the Sixth Assessment Report of the Intergovernmental Panel on Climate Change*. Cambridge UK and New York, NY, USA: Cambridge University Press. doi:doi:10.1017/9781009325844.005
- Coordinating Body on the Seas of East Asia (2018). *COBSEA Strategic Directions 2018-2022*. Bangkok: Secretariat of the Coordinating Body on the Seas of East Asia (COBSEA) and United Nations Environment Programme. Retrieved from <https://wedocs.unep.org/bitstream/handle/20.500.11822/31820/COBSEA2022.pdf?sequ%E2%80%A6>
- Coordinating Body on the Seas of East Asia (2019). *COBSEA Regional Action Plan on Marine Litter 2019*. Bangkok: Secretariat of the Coordinating Body on the Seas of East Asia (COBSEA) and United Nations Environment Programme. Retrieved from https://wedocs.unep.org/bitstream/handle/20.500.11822/30162/RAPMALI_19.pdf?sequence=1&isAllowed=y
- Cosgrove, W. and Loucks, D. (2015). Water management: Current and future challenges and research directions. *Water Resources Research*, 51(6), 4823-4839.
- Costanza, R., De Groot, R., Sutton, P., Van der Ploeg, S., Anderson, S., Kubiszewski, I., . . . Turner, R. (2014). Changes in the global value of ecosystem services. *Global environmental change*, 26, 152-158. Retrieved from <https://doi.org/10.1016/j.gloenvcha.2014.04.002>
- Crook, D., Lowe, W., Allendorf, F., Eros, T., Finn, D., Gillanders, B., . . . Hughes, J. (2015, April 25). Human effects on ecological connectivity in aquatic ecosystems: Integrating scientific approaches to support management and mitigation. *Science of the Total Environment*, 534, 52-64. doi:<http://dx.doi.org/10.1016/j.scitotenv.2015.04.034>
- Dandar, E. (2017). *Water resources assessment in cold regions: the Upper Tuul River basin, Mongolia*. Barcelona. Retrieved from <https://www.thesisred.net/bitstream/handle/10803/454981/TED1de1.pdf?sequence=1&isAllowed=y>
- Dangui, K. and Jia, S. (2022). Water Infrastructure Performance in Sub-Saharan Africa: An Investigation of the Drivers and Impact on Economic Growth. *Water*. doi:<https://doi.org/10.3390/w14213522>
- DataShift (2017). *Using Citizen-Generated Data to Monitor the SDGs. A Tool for the GPSDD Data Revolution Roadmaps Toolkit*. DataShift. Retrieved from <https://www.data4sdgs.org/sites/default/files/2017-09/Making%20Use%20of%20Citizen-Generated%20Data%20-%20Data4SDGs%20Toolbox%20Module.pdf>
- de Barros, B., de Carvalho, E., Pinho, A. and Junior, B. (2022). Inland waterway transport and the 2030 agenda: Taxonomy of sustainability issues. *Cleaner Engineering and Technology*, 8. doi:<https://doi.org/10.1016/j.clet.2022.100462>

Delli Paoli, A. and Addeo, F. (2020). Big Data to support Sustainable Development Goals (SDGs). In C. Bevilacqua, F. Calabrò and L. Della Spina, *INTERNATIONAL SYMPOSIUM: New Metropolitan Perspectives* (pp. 738-748). Springer, Cham. doi:https://doi.org/10.1007/978-3-030-48279-4_69

Desforges, J., Clarke, J., Harmsen, E., Jardine, A., Robichaud, J., Serré, S., . . . et al. (2022). The alarming state of freshwater biodiversity in Canada. *Canadian Journal of Fisheries*, 79(2), 352-365. doi:<https://doi.org/10.1139/cjfas-2021-0073>

Diaz, R. J. and Rosenberg, R. (2008). Spreading dead zones and consequences for marine ecosystems. *Science*, 321(5891), 926-929. doi:<https://doi.org/10.1126/science.1156401>

Dickens, C. and McCartney, M. (2019). Water-Related Ecosystems. *Clean Water and Sanitation*, 1-10. doi:https://doi.org/10.1007/978-3-319-70061-8_100-1

Dieter, C., Maupin, M., Caldwell, R., Harris, M., Ivahnenko, T., Lovelace, J., . . . Linsey, K. (2018). *Estimated use of water in the United States in 2015: U.S. Geological Survey Circular 1441*. USGS. doi:<https://doi.org/10.3133/cir1441>

D'Odorico, P., Davis, K., Orsa, L., Carr, J., Chiarelli, D., Dell'Angelo, J., . . . Rulli, M. (2018). The Global Food-Energy-Water Nexus. *Reviews of Geophysics*, 56(3), 456-531. doi:<https://doi.org/10.1029/2017RG000591>

Donald, P., Fishpool, L., Ajagbe, A., Bennun, L., Bunting, G., Burfield, I., . . . et al. (2019). Important Bird and Biodiversity Areas (IBAs): the development and characteristics of a global inventory of key sites for biodiversity. *Bird Conservation International*, 29(2), 177-198. doi:<https://doi.org/10.1017/S0959270918000102>

Dushanbe Water Process (2022). *Second High-Level International Conference on the International Decade for Action "Water for Sustainable Development", 2018-2028 - Final Declaration, From Dushanbe to New York 2023*. Dushanbe. Retrieved from <https://dushanbewaterprocess.org/wp-content/uploads/2022/09/2022-final-declaration-final-draft-0608-en-final.pdf>

Ebi, K. and Ziska, L. (2018). Increases in atmospheric carbon dioxide: Anticipated negative effects on food quality. *PLOS Medicine*, 15(7). doi:<https://doi.org/10.1371%2Fjournal.pmed.1002600>

Economic and Social Commission for Western Asia (2019). *Water Action Decade 2018-2028: Water for Sustainable Development - Arab Region Engagement*. Beirut: United Nations Economic and Social Commission for Western Asia. Retrieved from https://www.unescwa.org/sites/default/files/inline-files/water-action-decade-booklet_en.pdf

Environmental Protection Agency (n.d.). *National Coastal Condition Assessment*. Retrieved 09 30, 2022, from United States Environmental Protection Agency: <https://www.epa.gov/national-aquatic-resource-surveys/ncca>



Environmental Protection Agency (2022, May 11). *Statistics and Facts*. Retrieved December 15, 2022, from United States Environmental Protection Agency: <https://www.epa.gov/watersense/statistics-and-facts#:~:text=The%20average%20family%20can%20waste,gallons%20of%20water%20annually%20nationwide.>

European Commission (2019). *Monitoring our Blue Planet: First SDG Indicator Platform Launched by Google, the JRC and UN Environment*. Retrieved 09 11, 2022, from European Commission: https://joint-research-centre.ec.europa.eu/jrc-news/monitoring-our-blue-planet-first-sdg-indicator-platform-launched-google-jrc-and-un-environment-2019-03-15_en

European Commission (2020, December 17). *Recovery plan for Europe*. Retrieved September 30, 2022, from European Commission: https://ec.europa.eu/info/strategy/recovery-plan-europe_en

European Commission (2021a). *The EU Blue Economy Report*. Luxembourg: Publications Office of the European Union. doi:<https://10.2771/8217>

European Commission (2021b). *Communication from the Commission to the European Parliament, the Council, the European Economic and Social Committee and the Committee of the Regions on a New Approach for a Sustainable Blue Economy in the EU Transforming the EU's Blue Economy for a Sust.* Brussels: European Commission. Retrieved from <https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:52021DC0240&from=EN>

European Environmental Agency (2018, October 10). *Use of freshwater resources*. Retrieved October 18, 2022, from European Environmental Agency: <https://www.eea.europa.eu/data-and-maps/indicators/use-of-freshwater-resources-2/assessment-3>

European Environmental Agency (2019, November 4). *Water abstraction by source*. Retrieved October 18, 2022, from European Environment Agency: <https://www.eea.europa.eu/data-and-maps/indicators/use-of-freshwater-resources-2/is-water-abstraction-by-source-sustainable>

European Environmental Agency (2021a, November 18). *Ecological status of surface waters in Europe*. Retrieved September 30, 2022, from European Environment Agency: <https://www.eea.europa.eu/ims/ecological-status-of-surface-waters>

European Environmental Agency (2021b, November). *Publications*. Retrieved from Europe's marine biodiversity remains under pressure: <https://www.eea.europa.eu/publications/europes-marine-biodiversity-remains-under-pressure>

European Environmental Agency (2022, April 12). *Industrial pollutant releases to water in Europe*. Retrieved September 30, 2022, from European Environment Agency: <https://www.eea.europa.eu/ims/industrial-pollutant-releases-to-water>

European Environmental Agency and United Nations Environment Programme/ Mediterranean Action Plan (2020). *Technical assessment of progress towards a cleaner Mediterranean: Monitoring and reporting results for Horizon 2020 regional initiative*. Luxembourg: European Environment Agency. Retrieved from <https://www.eea.europa.eu/publications/technical-assessment-of-progress-towards>

Fehri, R., Khelifi, S. and Vanclooster, M. (2019). Disaggregating SDG-6 water stress indicator at different spatial and temporal scales in Tunisia. *Science of the Total Environment*, 694, 133766. doi:<https://doi.org/10.1016/j.scitotenv.2019.133766>

Feldman, D. (2022). Adaptive governance: new solutions to new challenges. In *The Governance of Water Innovations* (pp. 96-126). Edward Elgar Publishing. doi:<https://doi.org/10.4337/9781800882058>

Ferreira, D., Grazielle, I., Marques, R. and Gonçalves, J. (2021). Investment in drinking water and sanitation infrastructure and its impact on waterborne diseases dissemination: The Brazilian case. *Science of the Total Environment*, 779, 146279.

Fitoka, E., Tompoulidou, M., Hatziiordanou, L., Apostolakis, A., Höfer, R., Weise, K. and Ververis, C. (2020). Water-related ecosystems' mapping and assessment based on remote sensing techniques and geospatial analysis: The SWOS national service case of the Greek Ramsar sites and their catchments. *Remote Sensing of Environment*, 111795. doi:<https://doi.org/10.1016/j.rse.2020.111795>

Food and Agriculture Organization of the United Nations (2020). *Global Forest Resources Assessment 2020: Main report*. Rome: Food and Agriculture Organization. doi:<https://doi.org/10.4060/ca9825en>

Food and Agriculture Organization of the United Nations (2022a, June 24). *Indicators. In: Sustainable Development Goals*. Retrieved from United Nations Food and Agriculture Organization: www.fao.org/sustainable-development-goals/indicators/en

Food and Agriculture Organization of the United Nations (2022b). *The State of World Fisheries and Aquaculture 2022. Towards Blue Transformation*. Rome: FAO. doi:<https://doi.org/10.4060/cc0461en>

Food and Agriculture Organization of the United Nations (n.d.). *Aquastat - FAO's Global Information System on Water and Agriculture*. Retrieved September 30, 2022, from Food and Agriculture Organization of the United Nations: https://tableau.apps.fao.org/views/ReviewDashboard-v1/country_dashboard?%3Aembed=y&%3AisGuestRedirectFromVizportal=y

Forslund, A., Renöfält, B., Barchiesi, S., Cross, K., Davidson, S., Farrell, T., . . . Smith, M. (2015). Securing water for ecosystems and human well-being: The importance of environmental flows. *Swedish Water House Report*, 24, 1-52.

Forti, V., Baldé, C., Kuehr, R. and Bel, G. (2020). *The Global E-waste Monitor 2020: Quantities, flows and the circular economy potential*. Bonn/ Geneva/Rotterdam: United Nations University (UNU)/United. Retrieved from https://ewastemonitor.info/wp-content/uploads/2020/11/GEM_2020_def_july1_low.pdf



- Fosse, J., Kosmas, I. and Gonzalez, A. (2021). *The future of Mediterranean tourism in a (post) covid world*. Eco-union. doi:<https://doi.org/10.5281/zenodo.4616983>
- Fraisl, D., Campbell, J., See, L., Wehn, U., Wardlaw, J., Gold, M., . . . Masó, J. (2020). Mapping citizen science contributions to the UN sustainable development goals. *Sustainability Science*, 15(6), 1735–1751. doi:<https://doi.org/10.1007/s11625-020-00833-7>
- Fraisl, D., Hager, G., Bedessem, B., Gold, M., Hsing, P.-Y., Danielsen, F., . . . Haklay, M. (2022a). Citizen science in environmental and ecological sciences. *Nature Reviews Methods Primers*, 2. doi:<https://doi.org/10.1038/s43586-022-00144-4>
- Fraisl, D., See, L., Sturn, T., MacFeely, S., Bowser, A., Campbell, J., . . . Fritz, S. (2022b). Demonstrating the potential of Picture Pile as a citizen science tool for SDG monitoring. *Environmental Science and Policy*, 128, 81-93. doi:<https://doi.org/10.1016/j.envsci.2021.10.034>
- FreshWater Watch (2022). *Citizen science*. Retrieved September 30, 2022, from FreshWater Watch: <https://fww-earthw.hub.arcgis.com/pages/citizen-science>
- Fromherz, N. and Lyman, E. (2021). *Colombia Freshwater Resource Rights Report*. Retrieved from https://programme.worldwaterweek.org/Content/ProposalResources/PDF/2021/pdf-2021-9644-2-Colombia%20FWR%20Rights%20Report_FINAL_ENG.pdf
- Gao, J., Zhao, P., Zhang, H., Mao, G. and Wang, Y. (2018). Operational Water Withdrawal and Consumption Factors for Electricity Generation Technology in China - A Literature Review. *Sustainability*, 10(4). doi:<https://doi.org/10.3390/su10041181>
- Garzillo, J., Poli, V., Leite, F., Steele, E., Machado, P., Louzada, M., . . . Monteiro, C. (2022). Ultra-processed food intake and diet carbon and water footprints: a national study in Brazil. *Revista de Saude Publica*, 56:6. doi:<https://doi.org/10.11606%2Fs1518-8787.2022056004551>
- Ghana, National Development Planning Commission (2022). *Ghana's Voluntary National Review Report on the Implementation of the 2030 Agenda for Sustainable Development*. Accra: National Development Planning Commission. Retrieved from https://hlpf.un.org/sites/default/files/vnrs/2022/VNR%202022%20Ghana%20Report_0.pdf
- Gil-Agudelo, D., Cintra-Buenrostro, C., Brenner, J., González-Díaz, P., Kiene, W., Lusic, C. and Pérez-España, H. (2020). Coral reefs in the Gulf of Mexico large marine ecosystem: conservation status, challenges, and opportunities. *Frontiers in Marine Science*, 6, 807. doi:<https://doi.org/10.3389/fmars.2019.00807>
- Gilby, B. L. and Stevens, T. (2014). Meta-analysis indicates habitat-specific alterations to primary producer and herbivore communities in marine protected areas. *Global Ecology and Conservation*, 2, 289-299. doi:<https://doi.org/10.1016/j.gecco.2014.10.005>

Giuliani, G., Mazzetti, P., Santoro, M., Nativi, S., Van Bemmelen, J., Colangeli, G. and Lehmann, A. (2020). Knowledge generation using satellite earth observations to support sustainable development goals (SDG): A use case on Land degradation. *International Journal of Applied Earth Observation and Geoinformation*, 88, 102068. doi:<https://doi.org/10.1016/j.jag.2020.102068>

Gleick, P. and Cooley, H. (2021). Freshwater Scarcity. *Annual Review of Environment and Resources*, 46, 319-348. doi:<https://doi.org/10.1146/annurev-environ-012220-101319>

Global Water Partnership (2021, February 10). *Continental Africa Water Investment Programme (AIP)*. Retrieved September 30, 2022, from Global Water Partnership Southern Africa: Towards a water secure world: <https://www.gwp.org/en/GWP-SouthernAfrica/WE-ACT/continental-africa-water-investment-programme-aip/>

Government of China (2022, August). *Urgent Responses to Drought Level IV in the Yangtze River Basin (in Chinese)*. Retrieved from The State Council of the People's Republic of China: http://www.gov.cn/xinwen/2022-08/11/content_5705059.htm

Government of India (2015). *Integrated Water Resource Management: Guidelines for integrated water resource Development and Management*. Retrieved September 30, 2022, from Government of India: <http://nwm.gov.in/?q=integrated-water-resource-management>

Government of Mongolia (1997, April 7-25). *Mongolia: Country Profile*. Retrieved October 18, 2022, from National Implementation of Agenda 21: <https://www.un.org/esa/earthsummit/mong-cp.htm>

Grill, G., Lehner, B., Thieme, M., Geenen, B., Tickner, D., Antonelli, F., . . . et al. (2019). Mapping the world's free-flowing rivers. *Nature*, 569(7755), 215 - 221. doi:<https://doi.org/10.1038/s41586-019-1111-9>

Groom, S., Sathyendranath, S., Ban, Y., Bernard, S., Brewin, R., Brotas, V., . . . Lavender, S. (2019). Satellite ocean colour: Current status and future perspective. *Frontiers in Marine Science*, 6(485). doi:[10.3389/fmars.2019.00485](https://doi.org/10.3389/fmars.2019.00485)

Group on Earth Observations (2022). *Earth Observations for the Sustainable Development Goals*. Retrieved September 30, 2022, from Group on Earth Observations: <https://eo4sdg.org/>

Haklay, M. and Eleta, I. (2019). On the front line of community-led air quality monitoring. In M. Nieuwenhuijsen and H. Khreis, *Integrating Human Health into Urban and Transport Planning* (pp. 563-580). Springer, Cham. doi:https://doi.org/10.1007/978-3-319-74983-9_27

Hansen, A., Barnett, K., Jantz, P., Phillips, L., Goetz, S. J., Hansen, M., . . . De Camargo, R. (2019). Global humid tropics forest structural condition and forest structural integrity maps. *Scientific Data*, 6(1), 1-12. doi:<https://doi.org/10.1038/s41597-019-0214-3>

Hartig, H., Krantzberg, G. and Alsip, P. (2020). Thirty-five years of restoring Great Lakes Areas of Concern: Gradual progress, hopeful future. *Journal of Great Lakes Research*, 46(3), 429 - 442. doi:<https://doi.org/10.1016/j.jglr.2020.04.004>



- Hasumi, M., Hongorzul, T. and Terbish, K. (2011). Animal species diversity at a land-water ecotone in Mongolia. *Limnology*, 12, 37-45. doi:<https://doi.org/10.1007/s10201-010-0319-z>
- He, X., Feng, K., Li, X., Craft, A., Wada, Y., Burek, P., . . . Sheffield, J. (2019). Solar and wind energy enhances drought resilience and groundwater sustainability. *Nature Communications*, 10. doi:<https://doi.org/10.1038/s41467-019-12810-5>
- Herath, H., Hewapathirana, H., Gunawardane, N. and Friedman, K. (2019). Understanding food security, incomes and livelihoods in a changing shark and ray fisheries sector in Sri Lanka. *Fisheries and Aquaculture Circular*, 1185. Retrieved from <https://www.fao.org/3/ca5641en/CA5641EN.pdf>
- Hofste, R., Reig, P. and Schleifer, L. (2019, August 6). 17 Countries, Home to One-Quarter of the World's Population, Face Extremely High Water Stress. Retrieved October 18, 2022, from World Resources Institute: <https://www.wri.org/insights/17-countries-home-one-quarter-worlds-population-face-extremely-high-water-stress>
- Holland, R., Darwall, W. and Smith, K. (2012, April). Conservation priorities for freshwater biodiversity: The Key Biodiversity Area approach refined and tested for continental Africa. *Biological Conservation*, 148(1), 167-179. Retrieved from <https://doi.org/10.1016/j.biocon.2012.01.016>
- Howarth, R. W. and Marino, R. (2006). Nitrogen as the limiting nutrient for eutrophication in coastal marine ecosystems: evolving views over three decades. *Limnology and oceanography*, 51(1part2), 364-376. doi:https://doi.org/10.4319/lo.2006.51.1_part_2.0364
- Huang, L., Wu, Z. and Li, J. (2013). Fish fauna, biogeography and conservation of freshwater fish in Poyang Lake Basin, China. *Environmental Biology of Fishes*, 96, 1229-1243. doi:<https://doi.org/10.1007/s10641-011-9806-2>
- Hubacek, K., Baiocchi, G., Feng, K. and Patwardhan, A. (2017). Poverty eradication in a carbon constrained world. *Nature Communications*, 8. doi:<https://doi.org/10.1038/s41467-017-00919-4>
- Indonesia, Statistics Indonesia (2020). *Using Big Data for SDGs: Mobile Data for Tourism and Commuting. Presentation prepared for the prepared for the 6th International Conference on Big Data for Official Statistics. 31 August–2 September. Virtual conference.* Retrieved 11 10, 2022, from Statistics Indonesia: https://unstats.un.org/unsd/bigdata/conferences/2020/presentations/day1/session3/Use%20of%20Mobile%20Phone%20for%20SDGs_rev2.0.pdf
- Intergovernmental Oceanographic Commission of UNESCO (2021). *The United Nations Decade of Ocean Science for Sustainable Development (2021-2030) Implementation plan - Summary.* Paris: United Nations Educational, Scientific and Cultural Organization. Retrieved from <https://unesdoc.unesco.org/ark:/48223/pf0000376780>

Intergovernmental Oceanographic Commission of UNESCO (2022a). *Ocean Decade Progress Report 2021-2022*. Paris: United Nations Educational, Scientific and Cultural Organization. Retrieved from <https://unesdoc.unesco.org/ark:/48223/pf0000381708>

Intergovernmental Oceanographic Commission of UNESCO (2022b). *The United Nations Decade of Ocean Science for Sustainable Development 2021-2030*. Paris: United Nations Educational, Scientific and Cultural Organisation. Retrieved from <https://unesdoc.unesco.org/ark:/48223/pf0000381488/PDF/381488eng.pdf.multi>

Intergovernmental Oceanographic Commission of UNESCO (2022c). *The United Nations Decade of Ocean Science for Sustainable Development 2021-2030. Ocean Decade Africa Roadmap*. Paris: United Nations Educational, Scientific and Cultural Organisation. Retrieved from <https://oceandecade.org/wp-content/uploads/2022/06/Ocean-Decade-Africa-Roadmap.pdf>

Intergovernmental Oceanographic Commission of UNESCO (2022d, September 28). *Over fifty new endorsed Actions strengthen the Ocean Decade global movement*. Retrieved September 30, 2022, from United Nations Decade of Ocean Science for Sustainable Development: <https://www.oceandecade.org/news/over-fifty-new-endorsed-actions-strengthen-the-ocean-decade-global-movement/>

Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (2018a). *Summary for policymakers of the regional assessment report on biodiversity and ecosystem services for Africa of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services*. Bonn: IPBES Secretariat. Retrieved from <https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKewi88eiMqIX8AhWRYMAKHfUbB5gQFnoECDkQAQ&url=https%3A%2F%2Fipbes.net%2Fresource-file%2F18406&usg=AOvVaw1LacYghkwnyKNwQ2BymzaY>

Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (2018b). *The IPBES regional assessment report on biodiversity and ecosystem services for Asia and the Pacific*. Secretariat of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services. Bonn, Germany: Karki, M., Senaratna Sellamuttu, S., Okayasu, S., and Suzuk.

Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (2019). *Summary for policymakers of the global assessment report on biodiversity and ecosystem services (summary for policy makers)*. Paris: Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services. doi:<https://doi.org/10.5281/zenodo.3553579>

International Labour Organization (2021). *About the ILO, Newsroom*. Retrieved from Fewer women than men will regain employment during the COVID-19 recovery says ILO: https://www.ilo.org/global/about-the-ilo/newsroom/news/WCMS_813449/lang-en/index.htm

International Monetary Fund (2020). *Regional Economic Outlook: Sub-Saharan Africa*. International Monetary Fund. Retrieved from https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&ved=2ahUKewiv263Pivv7AhWPhFwKHTkzCZEqFnoECAoQAQ&url=https%3A%2F%2Fwww.imf.org%2F-%2Fmedia%2FFiles%2FPublications%2FFREO%2FAFR%2F2020%2FApril%2FEnglish%2Fch2.ashx&usg=AOvVaw1yXfu0WCGt0JtZK6BjP_9



International Renewable Energy Agency (2016). *Mongolia Renewables Readiness Assessment*. International Renewable Energy Agency. Retrieved from <https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwj-9sLTnPT6AhUBGewKHQyqBtYQFnoECDIQAQ&url=https%3A%2F%2Fwww.irena.org%2Fpublications%2F2016%2FMar%2FRenewables-Readiness-Assessment-Mongolia&usg=AOvVaw0DgbgP3tlnWlkinc>

International Renewable Energy Agency (2022a). *Statistics Time Series*. Retrieved October 20, 2022, from International Renewable Energy Agency: <https://www.irena.org/Statistics/View-Data-by-Topic/Capacity-and-Generation/Statistics-Time-Series>

International Renewable Energy Agency (2022b). *Energy Profile: Mongolia*. Abu Dhabi: International Renewable Energy Agency. Retrieved from https://www.irena.org/IRENADocuments/Statistical_Profiles/Asia/Mongolia_Asia_RE_SP.pdf

Inter-Agency and Expert Group on the Sustainable Development Goal Indicators (2019). *Working Group on Geospatial Information: Terms of Reference*. Retrieved 11 09, 2022, from Inter-Agency and Expert Group on the Sustainable Development Goal Indicators: https://ggim.un.org/documents/WGGI_Terms%20of%20Reference_updated%20July%202019.pdf

Inter-Agency and Expert Group on the Sustainable Development Goal Indicators (2022). *Tier Classification for Global SDG Indicators*. Retrieved 09 11, 2022, from Inter-agency and Expert Group on SDG Indicators: <https://unstats.un.org/sdgs/iaeg-sdgs/tier-classification/>

Ishiwatari, M. and Surjan, A. (2019). Good enough today is not enough tomorrow: Challenges of increasing investments in disaster risk reduction and climate change adaptation. *Progress in Disaster Science*, 1. doi:<https://doi.org/10.1016/j.pdisas.2019.100007>

Jamaliah, F. (2016). The Effect of Investment to Value Added Production, Employment Absorption, Productivity, And Employees' Economic Welfare in Manufacturing Industry Sector in West Kalimantan Province. *Procedia Social and Behavioral Sciences*, 219, 387-393. Retrieved from <https://pdf.sciencedirectassets.com/277811/1-s2.0-S1877042816X00055/1-s2.0-S1877042816301215/main.pdf?X-Amz-Security-Token=IQoJb3JpZ2luX2VjEcaCXVzLWVhc3QtMSJHMEUCIQCOH7xLvvWD7TBaa8YIUtYHkU%2BVEUoYzSVuX0a6FyllDAIgtbwMIF0qcRKbZr7GV3GxSnw9fDBoXNHwIBt2MHJAjR>

Jiangxi Provincial Development and Reform Commission (2016). *Poyang Lake Basin Town Tower Environment Management Project - Environmental and Social Impact Assessment*. World Bank. Retrieved from <https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwiN3f20-IT8AhVTZ8AKHUxvDbYQFnoECDsQAQ&url=https%3A%2F%2Fdocuments.worldbank.org%2Fcurated%2Fpt%2F852721482178505838%2FNo-1-EA-summary-draft-for-Poyang-Lake-Basin-Town->

Jiao, F. and Liu, J. (2018). Study on inland ship water pollution control policy strategy based on Game theory. *IOP Conference Series Earth and Environmental Science*, 191(1). doi:<http://dx.doi.org/10.1088/1755-1315/191/1/012128>

Jiménez, A., Saikia, P., Giné, R., Avello, P., Leten, J., Liss Lymer, B., . . . Ward, R. (2020). Unpacking water governance: A framework for practitioners. *Water*, 12(3), 827. doi:<https://doi.org/10.3390/w12030827>

- Jin, B., Nie, M., Li, Q., Chen, J. and Zhou, W. (2012). Basic characteristics, challenges and key scientific questions of the Poyang Lake basin. *Resources and Environment in the Yangtze Basin*, 21, 268-275.
- Jung, M., Dahal, P. R., Butchart, S. H., Donald, P. F., De Lamo, X., Lesiv, M., . . . Visconti, P. (2020). A global map of terrestrial habitat types. *Scientific data*, 7(1), 1-8. doi:<https://doi.org/10.1038/s41597-020-00599-8>
- Kalman, B. and Laszlo, S. (1997). Impacts of Road Traffic on Water Quality. *Periodica Polytechnica Ser. Civil Eng.*, 41(2), 95-106. Retrieved from <https://core.ac.uk/download/pdf/236623822.pdf>
- Kayatz, B., Harris, F., Hillier, J., Adhya, T., Dalin, C., Nayak, D., . . . Dangour, A. (2019). "More crop per drop": Exploring India's cereal water use since 2005. *Science of the Total Environment*, 673, 207-217. doi:<https://doi.org/10.1016/j.scitotenv.2019.03.304>
- Ke, Z., Chen, D., Liu, J. and Tan, Y. (2020). The effects of anthropogenic nutrient inputs on stable carbon and nitrogen isotopes in suspended particulate organic matter in Jiaozhou Bay, China. *Continental Shelf Research*, 208, 104244. doi:<https://doi.org/10.1016/j.csr.2020.104244>
- Khalil, A., Moeller-Gulland, J., Ward, C., Al'Afghani, M., Perwitasari, T., Octaviani, K., . . . Khan, A. (2021). *Indonesia Vision 2045: Toward Water Security. Water Security Diagnostic*. Washington, DC.: World Bank. Retrieved from <http://hdl.handle.net/10986/36727>
- Khan, N., Westfall, D., Jones, A., Sinn, M., Bottin, J., Perrier, E. and Hillman, C. (2019). A 4-d Water Intake Intervention Increases Hydration and Cognitive Flexibility among Preadolescent Children. *The Journal of Nutrition*, 149(12), 2255-2264. doi:[doi:10.1093/jn/nxz206](https://doi.org/10.1093/jn/nxz206)
- Kitamura, Y., Yamazaki, E., Kanie, N., Edwards, B. J., Shivakoti, B., Mitra, B., . . . Stevens, C. (2015). *Linking Education and Water in the Sustainable Development Goals - Policy Brief #2*. Tokyo: United Nations University. Retrieved from https://collections.unu.edu/eserv/UNU:1824/Post2015_UNUIAS_PolicyBrief2.pdf
- Kriegl, M., Elías Ilosvay, X. E., von Dorrien, C. and Oesterwind, D. (2021). Marine protected areas: at the crossroads of nature conservation and fisheries management. *Frontiers in Marine Science*, 8(676264). doi:[10.3389/fmars.2021.676264](https://doi.org/10.3389/fmars.2021.676264)
- Kroeze, C., Hofstra, N., Ivens, W., Lohr, A., Strokal, M. and van Wijnen, J. (2013). The links between global carbon, water and nutrient cycles in an urbanizing world-the case of coastal eutrophication. *Current Opinion in Environmental Sustainability*, 5(6), 566-572. doi:<https://doi.org/10.1016/j.cosust.2013.11.004>
- Lamb, R., Hurtt, G., Boudreau, T., Campbell, E., Carlo, E., Chu, H.-H., . . . Hultman, N. (2021). Context and future directions for integrating forest carbon into sub-national climate mitigation planning in the RGGI region of the US. *Environmental Research Letters*, 16(6). doi:[DOI 10.1088/1748-9326/abe6c2](https://doi.org/10.1088/1748-9326/abe6c2)



- Large Marine Ecosystems (2022). *Large Marine Ecosystems Hub*. Retrieved September 30, 2022, from A Regional Perspective on the World's Ocean: <https://lmehub.net/>
- Leasure, D., Jochem, W., Weber, E., Seaman, V. and Tatem, A. (2020). National population mapping from sparse survey data: A hierarchical Bayesian modeling framework to account for uncertainty. *Proceedings of the National Academy of Sciences*, 117(39), 24173-24179.
- Lebedeva, D., Mendsaikhan, B., Yakovleva, G. and Zaytsev, D. (2020). Parasites of *Oreoleuciscus potanini* (Cyprinidae) from lakes of Khar Us Nuur National Park (Mongolia). *Nature Conservation Research*. doi:<http://dx.doi.org/10.24189/ncr.2020.042>
- Lei, X., Gao, L., Wei, J., Ma, M., Xu, L., Fan, H., . . . Fang, W. (2021). Contributions of climate change and human activities to runoff variations in the Poyang Lake Basin of China. *Physics and Chemistry of the Earth*, 123. doi:<https://doi.org/10.1016/j.pce.2021.103019>
- Leibniz Institute of Freshwater Ecology and Inland Fisheries (2021). *News*. Retrieved from Infrastructure policy: waterway development puts ecosystems and its services at risk: <https://www.igb-berlin.de/en/news/infrastructure-policy-waterway-development-puts-ecosystems-and-its-services-risk>
- Li, P., Xue, J., Xia, W. and Li, T. (2022). Health Assessment of the Waterway from Chongqing to Yibin in the Upper Yangtze River, China. *Water*, 14(19). doi:<https://doi.org/10.3390/w14193007>
- Li, Y., Cao, W., Su, C. and Hong, H. (2011). Nutrient sources and composition of recent algal blooms and eutrophication in the northern Jiulong River, Southeast China. *Marine pollution bulletin*, 63(5-12), 249-254.
- Linke, S. and Hermoso, V. (2022). Biodiversity Conservation of Aquatic Ecosystems. *Encyclopedia of Inland Waters*, 2. doi:<https://doi.org/10.1016/B978-0-12-819166-8.00202-4>
- Liu, C., Wu, F., Jiang, X., Hu, Y., Shao, K., Tang, X., . . . Gao, G. (2022). Salinity is a Key Determinant for the Microeukaryotic Community in Lake Ecosystems of the Inner Mongolia Plateau, China. *Front. Microbiol.* doi:<https://doi.org/10.3389/fmicb.2022.841686>
- Loudyi, D. and Kantoush, S. (2020). Flood risk management in the Middle East and North Africa (MENA) region. *Urban Water Journal*, 17(5). doi:<http://dx.doi.org/10.1080/1573062X.2020.1777754>
- Luo, T., Otto, B., Shiao, T. and Maddocks, A. (2014, April 15). *Identifying the Global Coal Industry's Water Risks*. Retrieved September 30, 2022, from World Resources Institute: <https://www.wri.org/insights/identifying-global-coal-industrys-water-risks#:~:text=As%20with%20most%20energy%20sources,create%20steam%20and%20for%20cooling.>

Ma, Q., Wu, J., He, C. and Fang, X. (2021, October). The speed, scale, and environmental and economic impacts of surface coal mining in the Mongolian Plateau. *Resources, Conservation and Recycling*, 173. doi:<https://doi.org/10.1016/j.resconrec.2021.105730>

Ma, T., Sun, S., Fu, G., Hall, J., Ni, Y., He, L., . . . Zhou, C. (2020). Pollution exacerbates China's water scarcity and its regional inequality. *Nature Communications*, 11. doi:<https://doi.org/10.1038/s41467-020-14532-5>

Maavara, T., Chen, Q., Van Meter, K., Brown, L. E., Zhang, J., Ni, J. and Zarfl, C. (2020). River dam impacts on biogeochemical cycling. *Nature Reviews Earth & Environment*, 1(2), 103-116. doi:<https://doi.org/10.1038/s43017-019-0019-0>

MacDicken, K. G. (2015). Global forest resources assessment 2015: what, why and how? *Forest Ecology and Management*, 352, 3-8. doi:<https://doi.org/10.1016/j.foreco.2015.02.006>

MacFeely, S. (2019). The big (data) bang: Opportunities and challenges for compiling SDG indicators. *Global Policy*, 10, 121-133. doi:<https://doi.org/10.1111/1758-5899.12595>

Madaka, H., Babbitt, C. and Ryen, E. (2022). Opportunities for reducing the supply chain water footprint of metals used in consumer electronics. *Resources, Conservation and Recycling*, 176. doi:<https://doi.org/10.1016/j.resconrec.2021.105926>

Maftouh, A., El Fatni, O., Fayiah, M., Liew, R., Lam, S., Bahaj, T. and Butt, M. (2022). The application of water-energy nexus in the Middle East and North Africa (MENA) region: a structured review. *Applied Water Science*, 12. doi:<https://doi.org/10.1007/s13201-022-01613-7>

Mahjabin, T., Garcia, S., Grady, C. and Mejia, A. (2018). Large cities get more for less: Water footprint efficiency across the US. *PLOS ONE*. doi:<https://doi.org/10.1371/journal.pone.0202301>

Máiz-Tomé, L., Darwall, W., Numa, C., Barrios, V. and Smith, K. (2017). *Freshwater Key Biodiversity Areas in the north-western Mediterranean sub-region*. Gland: International Union for Conservation of Nature and Natural Resources. Retrieved from <https://portals.iucn.org/library/sites/library/files/documents/SSC-OP-no.64.pdf>

Mallapaty, S. (2022). Why are Pakistan's floods so extreme this year? *Springer Nature*. Retrieved from <https://www.nature.com/articles/d41586-022-02813-6>

Marconcini, M., Metz-Marconcini, A., Üreyen, S., Palacios-Lopez, D., Hanke, W., Bachofer, F., . . . Paganini, M. (2020). Outlining where humans live, the World Settlement Footprint 2015. *Scientific Data*, 7(1), 1-14. doi:<https://doi.org/10.1038/s41597-020-00580-5>

Maxwell, S., Cazalis, V., Dudley, N., Hoffmann, M., Rodrigues, A., Stolton, S., . . . Watson, J. (2020). Area-based conservation in the twenty-first century. *Nature*, 586, 217-227. Retrieved from <https://www.nature.com/articles/s41586-020-2773-z>



- Mbow, C., Rosenzweig, C., Barioni, L., Benton, T., Herrero, M., Krishnapillai, M., . . . Xu, Y. (2019). Food Security. In *Climate Change and Land: an IPCC special report on climate change, desertification, land degradation, sustainable land management, food security, and greenhouse gas fluxes in terrestrial ecosystems*. Retrieved from https://www.ipcc.ch/site/assets/uploads/sites/4/2021/02/08_Chapter-5_3.pdf
- McIntyre, P., Reidy Liermann, C. and Revenga, C. (2016). Linking freshwater fishery management to global food security and biodiversity conservation. *PNAS*, 113(45), 12880-12885. Retrieved from <https://www.jstor.org/stable/10.2307/26472403>
- Mekong River Commission for Sustainable Development (2022). *Mekong river monitoring and forecasting*. Retrieved from Mekong River Commission for Sustainable Development: <https://www.mrcmekong.org/>
- Michaux, B., Hannula, J., Rudolph, M., Reuter, M., van den Boogaart, K., Mockel, R., . . . Remes, A. (2019). Water-saving strategies in the mining industry - The potential of mineral processing simulators as a tool for their implementation. *Journal of Environmental Management*, 234, 546-553. doi:<https://doi.org/10.1016/j.jenvman.2018.11.139>
- Millennium Ecosystem Assessment (2005). *Ecosystems and Human Well-being: Synthesis*. Washington, DC.: World Resources Institute. Retrieved from <https://www.millenniumassessment.org/documents/document.356.aspx.pdf>
- Miola, A., Borchardt, S. and Neher, F. (2019). *Interlinkages and policy coherence for the Sustainable Development Goals Implementation: An operational method to identify trade-offs and co-benefits in a systemic way*. Luxembourg: European Union. doi:[doi:10.2760/472928](https://doi.org/10.2760/472928)
- Mondal, P., Liu, X., Fatoyinbo, T. and Lagomasino, D. (2019). Evaluating combinations of sentinel-2 data and machine-learning algorithms for mangrove mapping in West Africa. *Remote Sensing*, 11(24), 2928. doi:<https://doi.org/10.3390/rs11242928>
- Mongolia, Ministry of Environment and Tourism of Mongolia (2018). *Third National Communication of Mongolia, Under the United Nations Framework Convention on Climate Change*. Ulaanbaatar: Ministry of Environment and Tourism of Mongolia. Retrieved from https://unfccc.int/sites/default/files/resource/06593841_Mongolia-NC3-2-Mongolia%20TNC%202018%20pr.pdf
- Mongolia, National Statistics Office of Mongolia (2020). *2020 Population and Housing Census of Mongolia: National Report*. Ulaanbaatar: National Statistics Office of Mongolia. Retrieved from https://1212.mn/BookLibraryDownload.ashx?url=Census2020_Main_report_Eng.pdf&ln=En
- Mongolia, State Housing Corporation of Mongolia (2022). *State Housing Corporation of Mongolia: Housing Programmes*. Retrieved October 15, 2022, from Government of Mongolia: <https://mcud.gov.mn>
- Morales Martínez, D. and Gori Maia, A. (2021). The Effect of Social Behavior on Residential Water Consumption. *Water*, 13(4), 1184.

Moreau, K. (2020, June 15). *Offshore Wind Farms And The Marine Ecosystem: 10 Year of Monitoring*. Retrieved September 30, 2022, from Royal Belgian Institute of Natural Sciences: <https://www.naturalsciences.be/en/news/item/19116>

Mughal, M. and Sers, C. (2020). *Cereal Production, Undernourishment and Food Insecurity in South Asia*. HAL. Retrieved from <https://hal.archives-ouvertes.fr/hal-02089616v2>

Myers, S., Zanobetti, A., Kloog, I., Huybers, P., Leakey, A., Bloom, A., . . . et al. (2014). Increasing CO₂ threatens human nutrition. *Nature*, 510, 139-142. doi:<https://doi.org/10.1038/nature13179>

National Geographic (2022). *Marine Ecosystems*. Retrieved September 30, 2022, from National Geographic: <https://education.nationalgeographic.org/resource/marine-ecosystems>

Ngoile, M. (1997). Coastal zone issues and ICM initiatives in Sub-Saharan Africa. *Ocean&Coastal Management*, 37(3), 269-279. Retrieved from <https://www.sciencedirect.com/sdfe/pdf/download/eid/1-s2.0-S0964569197000586/first-page-pdf>

Nilsson, M., Griggs, D. and Visbeck, M. (2016). Policy: Map the interactions between Sustainable Development Goals. *Nature*, 534, 320-322. doi:<https://doi.org/10.1038/534320a>

Norwegian Institute for Water Research (2020). ICP Waters Report 142/2020: *Trends and patterns in surface water chemistry in Europe and North America between 1990 and 2016, with particular focus on changes in land use as a confounding factor for recovery*. Oslo: Norwegian Institute for Water Research. Retrieved from <http://www.icp-waters.no/2020/03/16/2020-report-trends-and-patterns-in-surface-water-chemistry/>

Norkko, J., Reed, D. C., Timmermann, K., Norkko, A., Gustafsson, B. G., Bonsdorff, E., . . . Conley, D. J. (2012). A welcome can of worms? Hypoxia mitigation by an invasive species. *Global Change Biology*, 18(2), 422-434. doi:<https://doi.org/10.1111/j.1365-2486.2011.02513.x>

Office of the United Nations High Commissioner for Human Rights (n.d.). *Frequently Asked Questions*. Retrieved December 15, 2022, from Special Rapporteur on the Human Right to Safe Drinking Water and Sanitation: https://sr-watersanitation.ohchr.org/en/rightstowater_5.html

Olen, S. (2022). Citizen science tackles plastics in Ghana. *Nature Sustainability*, 5, 814-815. doi:<https://doi.org/10.1038/s41893-022-00980-y>

Onyenankeya, K., Onyenankeya, O. and Osunkunle, O. (2021). Barriers to water use efficiency in rural and peri-urban areas of South Africa. *Water and Environment Journal*, 35(4), 1164-1173. doi:<https://doi.org/10.1111/wej.12707>

Organisation for Economic Cooperation and Development (2012). *OECD Studies on Water: Water Governance in Latin America and the Caribbean - A Multi-level Approach*. Organisation for Economic Cooperation and Development. doi:<https://doi.org/10.1787/9789264174542-en>



- Organisation for Economic Cooperation and Development (2015). *OECD Principles on Water Governance*. Organisation for Economic Co-operation and Development. Retrieved from <https://www.oecd.org/cfe/regionaldevelopment/OECD-Principles-on-Water-Governance.pdf>
- Organisation for Economic Cooperation and Development (2018). *OECD Water Governance Indicator Framework*. Retrieved from <https://www.oecd.org/regional/OECD-Water-Governance-Indicator-Framework.pdf>
- Organisation for Economic Cooperation and Development (2020). *Agriculture and Water Policies: Main Characteristics and Evolution from 2009 to 2019*. Organisation for Economic Co-operation and Development. Retrieved from <https://www.oecd.org/colombia/oecd-water-policies-country-note-colombia.pdf>
- Organisation for Economic Cooperation and Development (2021). *OECD Regional Development Papers - Water Governance in Asia-Pacific*. Paris: Organisation for Economic Co-operation and Development. doi:<https://doi.org/10.1787/b57c5673-en>
- Organisation for Economic Cooperation and Development (2022). *Latin American Economic Outlook 2022: Towards a Green and Just Transition*. Paris: Organisation for Economic Co-operation and Development. doi:<https://doi.org/10.1787/3d5554fc-en>
- Organisation for Economic Cooperation and Development/Economic Commission for Latin America and the Caribbean (2014). *OECD Environmental Performance Reviews: Colombia 2014*. Paris: OECD Publishing. doi:<https://doi.org/10.1787/9789264208292-en>
- Oxford Learner's Dictionaries (n.d.). *Definition*. Retrieved December 5, 2022, from Oxford Learner's Dictionaries: <https://www.oxfordlearnersdictionaries.com/definition/english/>
- Palanca-Tan, R. (2018-2019). Aquaculture, Poverty and Environment in the Philippines. *The Journal of Social, Political, and Economic Studies*, 43(3/4), 294-315. Retrieved from <https://www.proquest.com/docview/2119862767?accountid=27871>
- Palazzoli, I., Montanari, A. and Ceola, S. (2022). Influence of Urban Areas on Surface Water Loss in the Contiguous United States. *AGU Advances*, 3(1). doi:<https://doi.org/10.1029/2021AV000519>
- Papa, F., Cretaux, J.-F., Grippa, M., Robert, E., Trigg, M., Tshimanga, R., . . . Calmant, S. (2022). Water Resources in Africa under Global Change: Monitoring Surface Waters from Space. *Surveys in Geophysics*. doi:<https://doi.org/10.1007/s10712-022-09700-9>
- Phosa, J. (2016). Improving Rural Livelihoods through Sustainable Integrated Fish: Crop Production in Limpopo Province, South Africa. In *Freshwater, fish and the future: proceedings of the global cross-sectoral conference* (pp. 233-238). Rome: Food and Agriculture Organization of the United Nations. Retrieved from <https://www.fao.org/3/i5711e/i5711e.pdf>
- Piet, G., Culhane, F., Jongbloed, R., Robinson, L., Rumes, B. and Tamis, J. (2019). An integrated risk-based assessment of the North Sea to guide ecosystem-based management. *Science of the Total Environment*, 654, 694-704.

Pimentel, J., Prada, C. and Walschburger, T. (2021). Hydrological Modeling for Multifunctional Landscape Planning in the Orinoquia Region of Colombia. *Frontiers in Environmental Science*, 9. doi:[doi:10.3389/fenvs.2021.673215](https://doi.org/10.3389/fenvs.2021.673215)

Pitcher, G. C., Aguirre-Velarde, A., Breitburg, D., Cardich, J., Carstensen, J., Conley, D. J., . . . Huang, H. H. (2021). System controls of coastal and open ocean oxygen depletion. *Progress in Oceanography*, 197, 102613. doi:<https://doi.org/10.1016/j.pocean.2021.102613>

Popkin, B., Corvalan, C. and Grummer-Strwan, L. (2020). Dynamics of the double burden of malnutrition and the changing nutrition reality. *The Lancet*, 395(10217), 65-74. doi:[https://doi.org/10.1016/S0140-6736\(19\)32497-3](https://doi.org/10.1016/S0140-6736(19)32497-3)

Potapov, P., Li, X., Hernandez-Serna, A., Tyukavina, A., Hansen, M. C., Kommareddy, A., . . . Hofton, M. (2021). Mapping global forest canopy height through integration of GEDI and Landsat data. *Remote Sensing of Environment*, 253, 112165. doi:<https://doi.org/10.1016/j.rse.2020.112165>

Potapov, P., Turubanova, S., Hansen, M. C., Tyukavina, A., Zalles, V., Khan, A., . . . Cortez, J. (2022). Global maps of cropland extent and change show accelerated cropland expansion in the twenty-first century. *Nature Food*, 3(1), 19-28. doi:<https://doi.org/10.1038/s43016-021-00429-z>

Rabalais, N., Turner, R., Díaz, R. and Justić, D. (2009). Global change and eutrophication of coastal waters. *ICES Journal of Marine Science*, 66(7), 1528-1537.

Raiten, D. and Combs, G. (2019). Nutritional ecology: Understanding the intersection of climate/environmental change, food systems and health. In *Agriculture for Improved Nutrition: Seizing the Momentum* (pp. 68-80). CAB International. Retrieved from <https://books.google.co.ke/books?hl=en&lr=&id=EiqLDwAAQBAJ&oi=fnd&pg=PA68&dq=Raiten,+J.+D.,+Combs,+G.+F.+Nutritional+Ecology:+Understanding+The+Intersection+Of+Climate+Environmental+Change,+Food+Systems+And+Health.+In:+Fan,+S.,+Yosefk,+S.,+Pandya-Lorch,+>

Reich, R. (2015, September 18). *Big Tech Has Become Way Too Powerful*. Retrieved September 30, 2022, from NYTimes: <https://www.nytimes.com/2015/09/20/opinion/is-big-tech-too-powerful-ask-google.html>

Renaud, F., Huang, S., Zhou, X., Barrett, B., Boshier, L., Hoey, T., . . . Zhao, J. (2020). *Lessons learnt from synergies and trade-offs between SDGs at the sub-national scale*. Luanhe. Retrieved from https://www.iges.or.jp/en/publication_documents/pub/issue/en/11599/tase-research-brief-final.pdf

Renjifo, L., Amaya-Villarreal, A. and Butchart, S. (2020). Tracking extinction risk trends and patterns in a mega-diverse country: A Red List Index for birds in Colombia. *PLOS ONE*. doi:<https://doi.org/10.1371/journal.pone.0227381>

Rodriguez, N., Armenteras, D. and Retana, J. (2015, January). National ecosystems services priorities for planning carbon and water resource management in Colombia. *Land Use Policy*, 42, 609-618. doi:<https://doi.org/10.1016/j.landusepol.2014.09.013>



- Roe, D. and Geneletti, D. (2016). Addressing the interactions between biodiversity conservation and poverty alleviation in impact assessment. In D. Geneletti, *Handbook on biodiversity and ecosystem services in impact assessment* (pp. 347-363). Edward Elgar Publishing. Retrieved from https://www.researchgate.net/publication/317673193_Addresssing_the_interactions_between_biodiversity_conservation_and_poverty_alleviation_in_impact_assessment
- Rowbottom, J., Graversgaard, M., Wright, I., Dudman, K., Klages, S., Heidecke, C., . . . Wuijts, S. (2022). Water governance diversity across Europe: Does legacy generate sticking points in implementing multi-level governance? *Journal of environmental management*, 319, 115598. doi:<https://doi.org/10.1016/j.jenvman.2022.115598>
- Ruiz Toro, J., Aguirre Ramirez, N., Serna Lopez, J., Hernández Atilano, E. and Vélez Macías, F. d. (2020). Caloric energy, biomass and structure of aquatic macroinvertebrates in la Nitrera reserve, Concordia, Antioquia, Colombia. *Acta Biologica Colombiana*, 25(1), 29-36. doi:<https://doi.org/10.15446/abc.v25n1.76435>
- Saintilan, N., Kovalenko, K., Guntenspergen, G., Rogers, K., Lynch, J., Cahoon, D., . . . et al. (2022). Constraints on the adjustment of tidal marshes to accelerating sea level rise. *Science*, 377(6605), 523-527. doi:<https://doi.org/10.1126/science.abo7872>
- Sarkodie, S. and Owusu, P. (2020). Bibliometric analysis of water-energy-food nexus: Sustainability assessment of renewable energy. *Current Opinion in Environmental Science and Health*, 13, 29-34. doi:<https://doi.org/10.1016/j.coesh.2019.10.008>
- Sawicka, J. E. and Brüchert, V. (2017). Annual variability and regulation of methane and sulfate fluxes in Baltic Sea estuarine sediments. *Biogeosciences*, 14(2), 325-339. doi:<https://doi.org/10.5194/bg-14-325-2017>
- Scanlon, B., Ruddell, B., Reed, P., Hook, R., Zheng, C., Tidwell, V. and Siebert, S. (2017). The food-energy-water nexus: Transforming science for society. *Water Resources Research*, 53(5), 3550-3556. doi:<https://doi.org/10.1002/2017WR020889>
- Schiavina, M., Melchiorri, M., Corbane, C., Florczyk, A. J., Freire, S., Pesaresi, M. and Kemper, T. (2019). Multi-scale estimation of land use efficiency (SDG 11.3. 1) across 25 years using global open and free data. *Sustainability*, 20, 5674. doi:<https://doi.org/10.3390/su11205674>
- Schindler, D. (2007). Fish extinctions and ecosystem functioning in tropical ecosystems. *PNAS*, 104(14), 5707-5708. doi:<https://doi.org/10.1073/pnas.0700426104>
- Shaddick, G., Thomas, M. L., Mudu, P., Ruggeri, G. and Gumy, S. (2020). Half the world's population are exposed to increasing air pollution. *NPJ Climate and Atmospheric Science*, 3(1), 1-5. doi:<https://doi.org/10.1038/s41612-020-0124-2>
- Shah, K., Dulal, H. and Awojobi, M. (2019). Food Security and Livelihood Vulnerability to Climate Change in Trinidad and Tobago. In *Food Security in Small Island States* (pp. 219-237). Singapore: Springer. doi:https://doi.org/10.1007/978-981-13-8256-7_12

- Shen, G., Fu, W., Guo, H. and Liao, J. (2022). Water Body Mapping Using Long Time Series Sentinel-1 SAR Data in Poyang Lake. *Water*, 14. doi:<https://doi.org/10.3390/w14121902>
- Shi, T., Zhang, X., Du, H. and Shi, H. (2015). Urban water resource utilization efficiency in China. *Chinese Geographical Science*, 25, 684-697. doi:<https://doi.org/10.1007/s11769-015-0773-y>
- Shinneman, A., Umbanhowar, C., Edlund, M. and Soninkhishig, N. (2010). Late-Holocene moisture balance inferred from diatom and lake sediment records in western Mongolia. *The Holocene*, 20(1), 123-138. doi:<https://doi.org/10.1177/0959683609348861>
- Smith, V. (1998). Cultural eutrophication of inland, estuarine, and coastal waters. *In Successes, limitations, and frontiers in ecosystem science*, 7-49.
- Smith, V., Joye, S. and Howarth, R. (2006). Eutrophication of freshwater and marine ecosystems. *Limnology and oceanography*, 51(1part2), 351-355. doi:https://doi.org/10.4319/lo.2006.51.1_part_2.0351
- Sood, A. and Smakhtin, V. (2015). Global hydrological models: a review. *Hydrological Sciences Journal*, 60(4). doi:<https://doi.org/10.1080/02626667.2014.950580>
- Springmann, D., Mason-D'Croz, D., Robinson, S., Garnett, T., Godfray, H., Gollin, D., . . . Scarborough, P. (2016). Global and regional health effects of future food production under climate change: a modelling study. *The Lancet*, 387(10031), 1937-1946. doi:[https://doi.org/10.1016/S0140-6736\(15\)01156-3](https://doi.org/10.1016/S0140-6736(15)01156-3)
- Stark, T., Wurm, M., Zhu, X. X. and Taubenböck, H. (2020). Satellite-Based mapping of urban poverty with transfer-learned slum morphologies. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, 13, 5251-5263. doi:<https://doi.org/10.1109/JSTARS.2020.3018862>
- Stockholm Environment Institute (2019). *Piloting the SDG Synergies approach in Mongolia*. Stockholm: Stockholm Environment Institute.
- Stockholm Environment Institute and United Nations Environment Programme (2020). *Promoviendo una implemetacion coherente de la dimension ambiental de los ODS en Colombia*. Panama: Stockholm Environment Institute.
- Stockholm International Water Institute (2009). *Securing water for ecosystems and human well-being: The importance of environmental flows*. Swedish Water House Report 24. Retrieved from https://siwi.org/wp-content/uploads/2015/03/1250435228124report24_e-flows-low-res-3.pdf
- Stramma, L. and Schmidtko, S. (2019). Global evidence of ocean deoxygenation. In D. Laffoley and J. Baxter, *Ocean deoxygenation: Everyone's problem* (pp. 25-36). IUCN. doi:<https://doi.org/10.2305/IUCN.CH.2019.13.en>



Struijs, P., Braaksma, B. and Daas, P. (2014). Official statistics and big data. *Big Data & Society*, 1(1), 2053951714538417. doi:<https://doi.org/10.1177/2053951714538417>

Sullivan, D. and Hickel, J. (2023). Capitalism and extreme poverty: A global analysis of real wages, human height, and mortality since the long 16th century. *World Development*, 161, 106026. doi:<https://doi.org/10.1016/j.worlddev.2022.106026>

Sun, A. Y. (2013). Predicting groundwater level changes using GRACE data. *Water resources research*, 49(9), 5900-5912. doi:<https://doi.org/10.1002/wrcr.20421>

Surówka, M., Popławski, Ł. and Fidlerová, H. (2021). Technical infrastructure as an element of sustainable development of rural regions in małopolskie voivodeship in poland and trnava region in Slovakia. *Agriculture*, 11(2), 141. doi:<https://doi.org/10.3390/agriculture11020141>

Tam, S. M. and Van Halderen, G. (2020). The five V's, seven virtues and ten rules of big data engagement for official statistics. *Statistical Journal of the IAOS*, 36(2), 423-433. doi:[10.3233/SJI-190595](https://doi.org/10.3233/SJI-190595)

Tang, X., Xie, G., Shao, K., Tian, W., Gao, G. and Qin, B. (2021). Aquatic Bacterial Diversity, Community Composition and Assembly in the Semi-Arid Inner Mongolia Plateau: Combined Effects of Salinity and Nutrient Levels. *Microorganisms*, 9(2). doi:<https://doi.org/10.3390/microorganisms9020208>

Toesland, F. (2022, March 17). *Ocean Decade: Blue economy presents vast opportunities for Africa*. Retrieved September 30, 2022, from United Nations: <https://www.un.org/africarenewal/magazine/april-2022/ocean-decade-blue-economy-presents-vast-opportunities-africa>

Trisos, C., Adelekan, I., Totin, E., Ayanlade, A., Efitre, J., Gemed, A., . . . Mgaya, Y. (2022). Africa. In *Climate Change 2022: Impacts, Adaptation and Vulnerability* (pp. 1285-1455). Cambridge and New York: Cambridge University Press. Retrieved from https://www.ipcc.ch/report/ar6/wg2/downloads/report/IPCC_AR6_WGII_Chapter09.pdf

Tuholske, C., Halpern, B. S., Blasco, G., Villasenor, J. C., Frazier, M. and Caylor, K. (2021). Mapping global inputs and impacts from of human sewage in coastal ecosystems. *PloS one*, 16(11). doi:<https://doi.org/10.1371/journal.pone.0258898>

Udall, B. and Overpeck, J. (2017). The twenty-first century Colorado River hot drought and implications for the future. *Water Resources Research*, 53(3), 2404-2418. doi:<https://doi.org/10.1002/2016WR019638>

Uliasz-Misiak, B., Winid, B., Lewandowska-Smierchalska, J. and Matula, R. (2022, June 10). Impact of road transport on groundwater quality. *Science of The Total Environment*, 824. doi:<https://doi.org/10.1016/j.scitotenv.2022.153804>

United Nations (2015). *Addis Ababa Action Agenda of the Third International Conference on Financing for Development*. New York: United Nations. Retrieved from https://www.un.org/esa/ffd/wp-content/uploads/2015/08/AAAA_Outcome.pdf

United Nations (2017). *Factsheet: People and Oceans*. New York: United Nations. Retrieved from <https://www.un.org/sustainabledevelopment/wp-content/uploads/2017/05/Ocean-fact-sheet-package.pdf>

United Nations (2021a). *The United Nations World Water Development Report 2021: Valuing Water*. Paris: United Nations Educational, Scientific and Cultural Organization.

United Nations (2021b). *The Second World Ocean Assessment*. New York: United Nations. doi:<https://www.un.org/regularprocess/sites/www.un.org.regularprocess/files/2011859-e-woa-ii-vol-i.pdf>

United Nations (2022a). *The United Nations World Water Development Report 2022: Groundwater: Making the invisible visible*. Paris: United Nations Educational, Scientific and Cultural Organization. Retrieved from <https://www.unesco.org/reports/wwdr/2022/en>

United Nations (2022b). *The Sustainable Development Goals Report 2022*. New York: United Nations. Retrieved from <https://unstats.un.org/sdgs/report/2022/The-Sustainable-Development-Goals-Report-2022.pdf>

United Nations (n.d.a). *United Nations, Africa Renewal*. Retrieved from Taking charge of Africa's oceans and blue resources: <https://www.un.org/africarenewal/magazine/june-2022/taking-charge-africa%E2%80%99s-oceans-and-blue-resources>

United Nations (n.d.b). *SDG 6 snapshot in Mongolia*. Retrieved October 15, 2022, from United Nations UN Water: https://sdg6data.org/country-or-area/Mongolia#anchor_6.1.1

United Nations Department of Economic and Social Affairs (2018, May 16). *68% of the world population projected to live in urban areas by 2050, says UN*. Retrieved September 30, 2022, from UN Department of Economic and Social Affairs: <https://www.un.org/development/desa/en/news/population/2018-revision-of-world-urbanization-prospects.html#:~:text=Today%2C%2055%25%20of%20the%20world%27s,increase%20to%2068%25%20by%202050.>

United Nations Department of Economic and Social Affairs (2022a). *World Population Prospects 2022: Summary of Results*. New York: United Nations Department of Economic and Social Affairs, Population Division. Retrieved from https://www.un.org/development/desa/pd/sites/www.un.org.development.desa.pd/files/wpp2022_summary_of_results.pdf

United Nations Department of Economic and Social Affairs (2022b). *World Population Prospects 2022*. Retrieved December 14, 2022, from Department of Economic and Social Affairs, Population Division: <https://population.un.org/dataportal/data/indicators/49/locations/947/start/2000/end/2020/line/linetimeplot>

United Nations Economic and Social Commission for Asia and the Pacific (2017). *Gender, the Environment and Sustainable Development in Asia and the Pacific*. Retrieved from <https://www.unescap.org/sites/default/files/publications/SDD-Gender-Environment-report.pdf>



United Nations Economic and Social Commission for Asia and the Pacific (2020). *Changing Sails: Accelerating Regional Actions for Sustainable Oceans in Asia and the Pacific*. Bangkok: United Nations Economic and Social Commission for Asia and the Pacific. Retrieved from <https://hdl.handle.net/20.500.12870/1595>

United Nations Economic and Social Commission for Asia and the Pacific (2021a). *UN Ocean Decade*. Retrieved September 30, 2022, from UN Economic and Social Commission for Asia and the Pacific: <https://www.unescap.org/speeches/un-ocean-decade>

United Nations Economic and Social Commission for Asia and the Pacific (2021b). *Big Data for the SDGs: Country examples in compiling SDG indicators using non-traditional data sources*. Bangkok: United Nations Economic and Social Commission for Asia and the Pacific. Retrieved from https://unescap.org/sites/default/d8files/knowledge-products/SD_Working_Paper_no12_Jan2021_Big_data_for_SDG_indicators.pdf

United Nations Economic and Social Commission for Asia and the Pacific (2022). *Asia and the Pacific: SDG Progress Report 2022: Widening disparities amid COVID-19*. Bangkok: United Nations. Retrieved from https://www.unescap.org/sites/default/d8files/knowledge-products/ESCAP-2022-FG_SDG-Progress-Report.pdf

United Nations Economic Commission for Europe (2021, October 22). *Rapid response mechanism to protect environmental defenders established under the Aarhus Convention*. Retrieved September 30, 2022, from United Nations Economic Commission for Europe: <https://unece.org/media/press/361413>

United Nations Economic Commission for Europe (n.d.). *Climate change threatens access to water and sanitation, warn UNECE & WHO/ Europe, urging reinforced measures under Protocol to boost resilience*. Retrieved from <https://unece.org/media/press/367685>

United Nations Economic Commission for Latin America and the Caribbean (2020). *The outlook for oceans, seas and marine resources in Latin America and the Caribbean: conservation, sustainable development and climate change mitigation*. Santiago: UN Economic Commission for Latin America and the Caribbean. Retrieved from https://repositorio.cepal.org/bitstream/handle/11362/46509/4/S2000911_en.pdf

United Nations Economic Commission for Latin America and the Caribbean (2022). *ECLAC: Report on the Latin American and Caribbean regional process to accelerate the achievement of SDG 6*. UN Economic and Commission of Latin America and the Caribbean. Retrieved from https://www.cepal.org/sites/default/files/events/files/report_on_the_latin_american_and_caribbean_regional_process_to_accelerate_the_achievement_of_sdg_6.pdf

United Nations Economic and Social Council (2020). Resolution adopted by the Economic and Social Commission for Asia and the Pacific. ESCWA/RES/76/1. United Nations. Retrieved from https://www.unescap.org/sites/default/d8files/event-documents/RES_76_1_ENG.pdf

United Nations Educational, Scientific and Cultural Organization (2009). *Water Education for Sustainable Development*. Paris: United Nations Educational, Scientific and Cultural Organization. Retrieved from <https://unesdoc.unesco.org/ark:/48223/pf0000185302>

United Nations Educational, Scientific and Cultural Organization (2012). *Youth and skills: putting education to work, EFA global monitoring report*. Paris: United Nations Educational, Scientific and Cultural Organization. Retrieved from <https://unesdoc.unesco.org/ark:/48223/pf0000218003?posInSet=1&queryId=04cb6b34-1408-444d-88a2-3ce8bc4bd62a>

United Nations Educational, Scientific and Cultural Organization (2013). *Water and Sanitation in Municipalities in the Selenge River Basin of Mongolia*. Ulaanbaatar: United Nations Educational, Scientific and Cultural Organization. Retrieved from <https://unesdoc.unesco.org/ark:/48223/pf0000231292>

United Nations Educational, Scientific and Cultural Organization (2022). *Water quality from Space through satellite Earth Observation*. Paris: United Nations Educational, Scientific and Cultural Organization. Retrieved from <https://unesdoc.unesco.org/ark:/48223/pf0000383336>

United Nations Educational, Scientific and Cultural Organization (n.d.). *Traditional craftsmanship of the Mongol Ger and its associated customs*. Retrieved December 10, 2022, from UNESCO Intangible Cultural Heritage: <https://ich.unesco.org/en/RL/traditional-craftsmanship-of-the-mongol-ger-and-its-associated-customs-00872#:~:text=The%20Ger%20is%20a%20round,withstand%20Mongolia%27s%20fierce%20spring%20winds.>

United Nations Educational, Scientific and Cultural Organization and UN-Water (2020). *United Nations World Water Development Report 2020: Water and Climate Change*. Paris: United Nations Educational, Scientific and Cultural Organization. Retrieved from <https://en.unesco.org/themes/water-security/wwap/wwdr/2020>

United Nations Entity for Gender Equality and the Empowerment of Women (2022b). *Women and the Environment - An Asia-Pacific Snapshot*. Retrieved from https://data.unwomen.org/sites/default/files/documents/Publications/APRO_Women-environment-snapshot.pdf

United Nations Environment Programme (2008a). *Freshwater under threat: North East Asia*. Nairobi: United Nations Environment Programme. Retrieved from <https://wedocs.unep.org/handle/20.500.11822/7897>

United Nations Environment Programme (2008b). *Freshwater under threat: South Asia*. Nairobi: United Nations Environment Programme. Retrieved from <https://wedocs.unep.org/handle/20.500.11822/7715>

United Nations Environment Programme (2009). *Freshwater under threat: South East Asia*. Nairobi: United Nations Environment Programme. Retrieved from <https://wedocs.unep.org/handle/20.500.11822/8020>

United Nations Environment Programme (2011). *Freshwater under Threat - Pacific Islands*. Nairobi: United Nations Environment Programme. Retrieved from <https://www.unep.org/pt-br/node/11661>



- United Nations Environment Programme (2016a). *GEO-6: Global Environment Outlook: Regional assessment for Asia and the Pacific*. Nairobi: United Nations Environment Programme. Retrieved from <https://www.unep.org/resources/report/geo-6-global-environment-outlook-regional-assessment-asia-and-pacific>
- United Nations Environment Programme (2016b). *A Snapshot of the World's Water Quality: Towards a global assessment*.
- United Nations Environment Programme (2016c). *Options for decoupling economic growth from water use and water pollution*. United Nations Environment Programme. Retrieved from <https://www.resourcepanel.org/file/342/download?token=LmsRBoq4>
- United Nations Environment Programme (2017a). *GEO-6: Global Environment Outlook: Regional assessment for the Pan-European Region*. Nairobi: UNEP. Retrieved from <https://www.unep.org/resources/report/geo-6-global-environment-outlook-regional-assessment-pan-european-region>
- United Nations Environment Programme (2017b). *GEO-6: Global Environment Outlook: Regional assessment for West Asia*. Nairobi: UNEP. Retrieved from <https://www.unep.org/resources/report/geo-6-global-environment-outlook-regional-assessment-west-asia>
- United Nations Environment Programme (2019a). *Global Environment Outlook 6 For Industry in Asia-Pacific*. Nairobi: United Nations Environment Programme. Retrieved from <https://www.unep.org/resources/report/global-environment-outlook-6-industry-asia-pacific>
- United Nations Environment Programme (2019b). *Species extinction not just a curiosity: our food security and health are at stake*. Retrieved October 25, 2022, from United Nations Environment Programme: <https://www.unep.org/news-and-stories/story/species-extinction-not-just-curiosity-our-food-security-and-health-are-stake>
- United Nations Environment Programme (2019c). *Measuring Progress: Towards Achieving the Environmental Dimension of the SDGs*. Nairobi: United Nations Environment Programme. Retrieved from <https://www.unep.org/resources/report/measuring-progress-towards-achieving-environmental-dimension-sdgs>
- United Nations Environment Programme (2019d). *Global Environment Outlook 6*. Nairobi: United Nations Environment Programme. Retrieved from <https://www.unep.org/resources/global-environment-outlook-6>
- United Nations Environment Programme (2020). *Analysis Document - Gender and the Environment: A Preliminary Analysis of Gaps and Opportunities in Latin America and the Caribbean - Regional Group on Gender and Environment of the Forum of Ministers of Environment of Latin America and the Caribbean*. Retrieved from <https://wedocs.unep.org/20.500.11822/34929>

United Nations Environment Programme (2021a). *Progress on Integrated Water Resources Management. Tracking SDG 6 series: global indicator 6.5.1 updates and acceleration needs*. Nairobi: United Nations Environment Programme. Retrieved from <https://wedocs.unep.org/bitstream/handle/20.500.11822/36690/PIWRS6.5.1.pdf>

United Nations Environment Programme (2021b). *Measuring Progress: Environment and the SDGs*. Nairobi: United Nations Environment Programme. Retrieved from <https://www.unep.org/resources/publication/measuring-progress-environment-and-sdgs>

United Nations Environment Programme (2021c). *The use of natural resources in the economy: A Global Manual on Economy Wide Material Flow Accounting*. Nairobi: United Nations Environment Programme.

United Nations Environment Programme (2021d). *Report on Environmental and health impacts of pesticides and fertilizers and ways of minimizing them, Summary for Policy Makers*. United Nations Environment Programme. Retrieved from <https://wedocs.unep.org/xmlui/bitstream/handle/20.500.11822/34463/JSUNEPPF.pdf?sequence=13>

United Nations Environment Programme (2022a). *Freshwater Strategic Priorities 2022-2025 to implement UNEP's Medium-Term Strategy*. Nairobi: United Nations Environment Programme. Retrieved from https://wedocs.unep.org/bitstream/handle/20.500.11822/39607/Freshwater_Strategic_Priorities.pdf

United Nations Environment Programme (2022b). *Historic day in the campaign to beat plastic pollution: Nations commit to develop a legally binding agreement*. Retrieved September 30, 2022, from United Nations Environment Programme: <https://www.unep.org/news-and-stories/press-release/historic-day-campaign-beat-plastic-pollution-nations-commit-develop>

United Nations Environment Programme (n.d.a). *Asia and the Pacific, Our projects*. Retrieved from SEA circular Project: <https://www.unep.org/regions/asia-and-pacific/our-projects/sea-circular-project>

United Nations Environment Programme (n.d.b). *West Asia, Regional initiatives, Nature Action*. Retrieved from <https://www.unep.org/regions/west-asia/regional-initiatives/nature-action>

United Nations Environment Programme (n.d.c). *West Asia Regional Initiatives*. Retrieved from Building resilience disasters and conflicts: <https://www.unep.org/regions/west-asia/regional-initiatives/building-resilience-disasters-and-conflicts>

United Nations Environment Programme (n.d.d). *Regions West Asia*. Retrieved from Our work in West Asia: <https://www.unep.org/regions/west-asia>

United Nations Environment Programme (n.d.e). *Freshwater Ecosystems Explorer*. Retrieved 11 10, 2022, from United Nations Environment Programme: <https://www.sdg661.app/>



United Nations Environment Programme and Climate and Clean Air Coalition (2021). *Global Methane Assessment: Benefits and Costs of Mitigating Methane Emissions*. Nairobi: United Nations Environment Programme. Retrieved from <https://www.unep.org/resources/report/global-methane-assessment-benefits-and-costs-mitigating-methane-emissions>

United Nations Environment Programme and Food and Agriculture Organization of the United Nations (2020). *The UN Decade on Ecosystem Restoration 2021-2030*. United Nations Environment Programme and Food and Agriculture Organization of the United Nations. Retrieved from <https://wedocs.unep.org/bitstream/handle/20.500.11822/30919/UNDecade.pdf>

United Nations Environment Programme and United Nations Human Settlement Programme (2010). *Sick Water? The Central Role of Wastewater Management in Sustainable Development - A Rapid Assessment*. United Nations Environment Programme and United Nations Human Settlements Programme. Retrieved from <https://wedocs.unep.org/handle/20.500.11822/9156>

United Nations General Assembly (2016). *A/RES/71/222 International Decade for Action, "Water for Sustainable Development", 2018-2028*. New York: United Nations. Retrieved from <https://digitallibrary.un.org/record/859143?ln=en>

United Nations General Assembly (2017a). *A/RES/71/222: Resolution adopted by the General Assembly on 21 December 2016. General Assembly* (p. 5). New York: United Nations. Retrieved from <https://documents-dds-ny.un.org/doc/UNDOC/GEN/N16/459/99/PDF/N1645999.pdf?OpenElement>

United Nations General Assembly (2017b). *Work of the statistical commission pertaining to the 2030 agenda for sustainable development*. New York: United Nations General Assembly. Retrieved from https://ggim.un.org/documents/a_res_71_313.pdf

United Nations General Assembly (2018). *A/RES/72/73: Resolution adopted by the General Assembly on 5 December 2017*. (p. 55). New York: United Nations. Retrieved from <https://documents-dds-ny.un.org/doc/UNDOC/GEN/N17/421/90/PDF/N1742190.pdf?OpenElement>

United Nations Human Settlement Programme and World Health Organization (2021). *Progress on wastewater treatment - Global status and acceleration needs for SDG indicator 6.3.1*. Geneva: United Nations Human Settlements Programme (UN_Habitat) and World Health Organization (WHO). Retrieved from https://www.unwater.org/sites/default/files/app/uploads/2021/09/SDG6_Indicator_Report_631_Progress-on-Wastewater-Treatment_2021_EN.pdf

United Nations Office for Disaster Risk Reduction (2022). *Earth Observations into Action: Systemic Integration of Earth Observation Applications into National Risk Reduction Decision Structures Leveraging Geospatial Data Infrastructures*. Geneva: United Nations Office for Disaster Risk Reduction. Retrieved from <https://reliefweb.int/attachments/e3a578f3-0474-40bf-9c74-bc7f2445e630/Earth%20observations%20into%20action%20-%20Systemic%20integration%20of%20Earth%20observation%20applications%20into%20national%20risk%20reduction%20decision%20structures%20leveraging%20>

United Nations Office for the Coordination of Humanitarian Affairs (2022). *Horn of Africa Drought: Regional Humanitarian Overview & Call to Action*. Retrieved September 30, 2022, from ReliefWeb: <https://reliefweb.int/report/ethiopia/horn-africa-drought-regional-humanitarian-overview-call-action-revised-24-august-2022>

United Nations Statistics Department (2022a, October 4). *SDG Indicators Metadata* repository. Retrieved from United Nations Department of Economic and Social Affairs: <https://unstats.un.org/sdgs/metadata/>

United Nations Statistics Department (2022b, September). *SDG Indicators Database*. Retrieved from United Nations Department of Economic and Social Affairs: <https://unstats.un.org/sdgs/dataportal/database>

United Nations Statistics Department (2022c). *National Accounts Statistics: Main Aggregates and Detailed Tables, 2021, Part I*. New York: United Nations. Retrieved from <https://unstats.un.org/unsd/nationalaccount/sdpubs/MADT-2021.pdf>

United Nations Sustainable Development Solutions Network (2015). *Data for Development: A Needs Assessment for SDG Monitoring and Statistical Capacity Development*. United Nations Sustainable Development Solutions Network. Retrieved from <https://sdgs.un.org/sites/default/files/publications/2017Data-for-Development-Full-Report.pdf>

United Nations World Water Assessment Programme (2015). *The United Nations World Water Development Report 2015: Water for a Sustainable World*. Paris: United Nations Educational, Scientific and Cultural.

United Nations World Water Assessment Programme (2016). *The United Nations World Water Development Report 2016: Water and Jobs*. Paris: United Nations Educational, Scientific and Cultural Organization. Retrieved from <https://unesdoc.unesco.org/ark:/48223/pf0000243938>

United Nations World Water Assessment Programme (2019). *The United Nations World Water Development Report 2019: Leaving No One Behind*. Paris: United Nations Educational, Scientific and Cultural Organization. Retrieved from <https://unesdoc.unesco.org/ark:/48223/pf0000367306>

UN-Water (2016). *Water and Sanitation Interlinkages across the 2030 Agenda for Sustainable Development*. Geneva. Retrieved from <https://unwater.org/sites/default/files/app/uploads/2016/08/Water-and-Sanitation-Interlinkages.pdf>

UN-Water (2018a). *Progress on Ambient Water Quality, Piloting the monitoring methodology and initial findings for SDG indicator 6.3.2*. Nairobi: United Nations Environment Programme. Retrieved from https://www.unwater.org/sites/default/files/app/uploads/2018/12/SDG6_Indicator_Report_632_Progress-on-Ambient-Water-Quality_ENGLISH_2018-1.pdf



UN-Water (2018b). *United Nations Secretary-General's Plan: Water Action Decade 2018-2028*. Retrieved October 6, 2022, from https://wateractiondecade.org/wp-content/uploads/2018/03/UN-SG-Action-Plan_Water-Action-Decade-web.pdf

UN-Water (2021). *Summary Progress Update 2021 - SDG 6 - water and sanitation for all*. Geneva: UN-Water. Retrieved from https://www.unwater.org/sites/default/files/app/uploads/2021/12/SDG-6-Summary-Progress-Update-2021_Version-July-2021a.pdf

UN-Water (n.d.). *Country activities and commitments*. Retrieved October 6, 2022, from Water Action Decade: <https://wateractiondecade.org/country-activities/>

Usigbe, L. (2019, December 24). *Drying Lake Chad Basin gives rise to crisis*. Retrieved September 30, 2022, from United Nations: <https://www.un.org/africarenewal/magazine/december-2019-march-2020/drying-lake-chad-basin-gives-rise-crisis#:~:text=The%20water%20body%20has%20diminished,areas%20in%20search%20of%20water>.

Valenzuela, S. (2022, May 31). *Innovate to protect our ecosystems*. Retrieved September 30, 2022, from Atlantic Council: <https://www.atlanticcouncil.org/in-depth-research-reports/books/allies-innovate-to-protect-our-ecosystems/>

Van Brussel, S. and Huyse, H. (2019). Citizen science on speed? Realising the triple objective of scientific rigour, policy influence and deep citizen engagement in a large-scale citizen science project on ambient air quality in Antwerp. *Journal of Environmental Planning and Management*, 62(3), 534-551. doi:<https://doi.org/10.1080/09640568.2018.1428183>

Wang, J., Wang, Z.-C., Cui, Y.-H., Hao, S. and Yi, H.-Y. (2022). Comparison of phycocyanin concentrations in Chaohu Lake, China, retrieved using MODIS and OLCI images. *Frontiers in Environmental Science*, 10. doi:<https://doi.org/10.3389/fenvs.2022.922505>

Wang, R., van Rijswick, M. and Dai, L. (2022). Improving connectivity in water governance: the implementation of water cooperation mechanisms in disparate political and social contexts. *International Journal of Water Resources Development*, 38(4), 545. doi:<https://doi.org/10.1080/07900627.2022.2071848>

Wang, S., Tang, D., He, F., Fukuyo, Y. and Azanza, R. V. (2008). Occurrences of harmful algal blooms (HABs) associated with ocean environments in the South China Sea. *Hydrobiologia*, 596(1), 79-93. doi:<https://doi.org/10.1007/s10750-007-9059-4>

Weber, M., Rinke, K., Hipsey, M. and Boehrer, B. (2017). Optimizing withdrawal from drinking water reservoirs to reduce downstream temperature pollution and reservoir hypoxia. *Journal of Environmental Management*, 197, 96-105. doi:<https://doi.org/10.1016/j.jenvman.2017.03.020>

Weerasekara, S., Wilson, C., Lee, B., Hoang, V., Managi, S. and Rajapaksa, D. (2021). The impacts of climate induced disasters on the economy: Winners and losers in Sri Lanka. *Ecological Economics*, 185, 107043. doi:<https://doi.org/10.1016/j.ecolecon.2021.107043>

WeObserve (n.d.). *WeObserve Homepage*. Retrieved 11 10, 2022, from WeObserve: <https://www.weobserve.eu/>

Western Indian Ocean Marine Science Association and Intergovernmental Oceanographic Commission of UNESCO (2022). *United Nations Ocean Decade for Africa: The Science we need for the ocean we want in Africa*. Zanzibar: WIOMSA. Retrieved from <http://wio-ecsn.wiomsa.org/wp-content/uploads/2022/10/UN-Ocean-decade-B5-pages-LR.pdf>

Wiedmann, T., Schandl, H., Lenzen, M., Moran, D., Suh, S., West, J. and Kanemoto, K. (2013, September 3). The material footprint of nations. *PNAS*, 112(20), 6271-6276. doi:<https://doi.org/10.1073/pnas.1220362110>

Wildlife Science and Conservation Center of Mongolia (n.d.). *Key Biodiversity Areas*. Retrieved October 15, 2022, from Wildlife Science and Conservation Center of Mongolia: <https://www.wsc.org.mn/p/41>

Williams, B., Watson, J., Beyer, H., Klein, C., Montgomery, J., Runting, R., . . . Wenger, A. (2022). Global rarity of intact coastal regions. *Conservation Biology*, 36(4). doi:<https://doi.org/10.1111/cobi.13874>

Wilson, J. and Primack, R. (2019). *Conservation biology in sub-saharan Africa*. Open Book Publishers.

Withers, P., Neal, C., Jarvie, H. and Doody, D. (2014). Agriculture and eutrophication: where do we go from here? *Sustainability*, 6(9), 5853-5875.

Woolway, R., Kraemer, B., Lenters, J., Merchant, C., O'Reilly, C. and Sharma, S. (2020). Global lake responses to climate change. *Nature Reviews Earth & Environment*, 388-403. doi:<https://doi.org/10.1038/s43017-020-0067-5>

World Bank (2019). *The Impact of Water Quality on GDP Growth : Evidence from Around the World*. Washington D.C.

World Bank (2020a). *Colombia Turning the Tide: Water Security For Recovery and Sustainable Growth*. Washington, DC.: World Bank. Retrieved from <https://openknowledge.worldbank.org/bitstream/handle/10986/34452/Colombia-Turning-the-Tide-Water-Security-for-Recovery-and-Sustainable-Growth-Policy-Brief.pdf?sequence=7&isAllowed=y>

World Bank (2020b). *World Bank - Light Every Night*. Retrieved 11 10, 2022, from World Bank: <https://worldbank.github.io/OpenNightLights/wb-light-every-night-readme.html>



World Bank (2021a). *Annual Report 2021: Cooperation in International Waters in Africa*. Washington, DC.: World Bank. Retrieved from https://www.ciwaprogram.org/pdf/CIWA_AR2021_LOWRES.pdf

World Bank (2021b). *Priorities for Sustainably Managing Sri Lanka's Fisheries, Coastal Aquaculture, and the Ecosystems That Support Them*. Washington: The World Bank. Retrieved from <https://openknowledge.worldbank.org/bitstream/handle/10986/36503/Priorities-for-Sustainably-Managing-Sri-Lanka-s-Marine-Fisheries-Coastal-Aquaculture-and-the-Ecosystems-that-Support-Them.pdf?sequence=5&isAllowed=y>

World Bank (2022a). *From Source to Sea 2013-2021 South Asia Water Initiative Completion Report*. Washington, DC: World Bank Group. Retrieved from <https://documents1.worldbank.org/curated/en/099312405272210424/pdf/IDU0274da53607b1704a6c0beba048461972fe3e.pdf>

World Bank (2022b). *World Development Indicators*. Retrieved October 15, 2022, from The World Bank: <https://databank.worldbank.org/reports.aspx?source=2&country=MNG>

World Bank (n.d., October). *The World Bank, Who We Are, News*. Retrieved from Towards Improved Livelihoods and Higher Revenues From Sustainable Fisheries in Sri Lanka: <https://www.worldbank.org/en/news/feature/2022/03/02/towards-improved-livelihoods-higher-revenues-from-sustainable-fisheries-srilanka#:~:text=STORY%20HIGHLIGHTS-,Fish%20make%20up%20about%2050%25%20of%20Sri%20Lankans'%20animal%20protein,degraded%2C%20and%2>

World Health Organization (2021, June 9). *Malnutrition*. Retrieved October 25, 2022, from World Health Organization: <https://www.who.int/news-room/fact-sheets/detail/malnutrition>

World Health Organization (n.d.). *Water and sanitation*. Retrieved from <https://www.who.int/europe/news-room/fact-sheets/item/water-and-sanitation>

World Quality Portal (n.d.). *Water Quality Portal*. Retrieved 09 30, 2022, from Water Quality Portal: <https://www.waterqualitydata.us/>

World Resources Institute (2022, July 7). *Profiles of Adaptation: Colombia*. Retrieved November 15, 2022, from World Resources Institute: <https://www.wri.org/update/profiles-adaptation-colombia#:~:text=Melting%20of%20glaciers%20due%20to,rising%20seas%20and%20storm%20surges>.

World Wildlife Fund (2022). *Threats I Infrastructure*. Retrieved from Overview: <https://www.worldwildlife.org/threats/infrastructure>

World Wildlife Fund -Colombia (2017). *Colombia Viva: un país megadiverso de cara al futuro. Informe 2017*. Cali: WWF-Colombia. Retrieved from https://wwflac.awsassets.panda.org/downloads/colombia_viva___informe_2017__resumen_en_espanol.pdf

Wurm, M., Stark, T., Zhu, X. X., Weigand, M. and Taubenböck, H. (2019). Semantic segmentation of slums in satellite images using transfer learning on fully convolutional neural networks. *ISPRS journal of photogrammetry and remote sensing*, 150, 59-69. doi:<https://doi.org/10.1016/j.isprsjprs.2019.02.006>

Yadamsuren, O., Morse, J., Hayford, B., Gelhaus, J. and Adler, P. (2020). Macroinvertebrate community responses to land use: a trait-based approach for freshwater biomonitoring in Mongolia. *Environmental Science*, 1887-1902. Retrieved from <https://www.semanticscholar.org/paper/Macroinvertebrate-community-responses-to-land-use%3A-Yadamsuren-Morse/d6c448096b8961127202722be578a4575afe2681>

Zhang, X., Long, T., He, G., Guo, Y., Yin, R., Zhang, Z., . . . Cheng, B. (2020). Rapid generation of global forest cover map using Landsat based on the forest ecological zones. *Journal of Applied Remote Sensing*, 14(2). doi:<https://doi.org/10.1117/1.JRS.14.022211>

Zhang, Y., Guo, Y. and Nurdazym, A. (2022). How do female CEOs affect corporate environmental policies?. *Corporate Social Responsibility and Environmental Management*. doi:<https://doi.org/10.1002/csr.2366>

Zhao, Y., Wei, Y., Wu, B., Lu, Z. and Fu, L. (2018). A connectivity-based assessment framework for river basin ecosystem service management. *Current Opinion in Environmental Sustainability*, 33, 34-41. doi:<https://doi.org/10.1016/j.cosust.2018.03.010>

Zhou, X., Moinuddin, M. and Li, Y. (2019, July). *SDG Interlinkages Analysis and Visualisation Tool (V3.0)*. Retrieved September 30, 2022, from Institute for Global Environmental Strategies: <https://www.iges.or.jp/en/pub/sdg-interlinkages-web-tool-v3/en>

Zhou, X., Moinuddin, M., Renaud, F., Barrett, B., Xu, J., Liang, Q., . . . Hoey, T. (2022). Development of an SDG interlinkages analysis model at the river basin scale: a case study in the Luanhe River Basin, China. *Sustainability Science*, 17, 1405-1433. doi:<https://doi.org/10.1007/s11625-021-01065-z>

