

Listed below are known citations to the NASA Socioeconomic Data and Applications Center (SEDAC) *Last of the Wild v3* data collection. The data collection, and specific data set (if known), being cited are beneath each citation. Citations to multiple collections/sets are listed on separate lines. If a publication cites remotely sensed earth observation data, whether from NASA or another source, those instruments and/or platforms are listed as well.

List last updated on 3 October 2023.

Abel, C., Horion, S., Tagesson, T., De Keersmaecker, W., Seddon, A. W. R., Abdi, A. M., & Fensholt, R. (2021). The human–environment nexus and vegetation–rainfall sensitivity in tropical drylands. *Nature Sustainability*, 4, 25-32. doi:10.1038/s41893-020-00597-z
Gridded Population of the World (GPW) v4.11 (population density) - 10.7927/H49C6VHW
Last of the Wild v3 (Human Footprint, 2018 Release (2009)) - 10.7927/H46T0JQ4
NASA REMOTE SENSING (MODIS)

Alipour, S., & Walas, Ł. (2023). The influence of climate and population density on *Buxus hyrcana* potential distribution and habitat connectivity. *Journal of Plant Research*, 136, 501-514. doi:10.1007/s10265-023-01457-5
Last of the Wild v3 (Human Footprint, 2018 Release (2009)) - 10.7927/H46T0JQ4

Almasieh, K., & Cheraghi, M. (2022). Habitat suitability, core habitats and diversity hotspots for the conservation of the mustelid species in Iran. *Global Ecology and Conservation*, 36, e02120. doi:10.1016/j.gecco.2022.e02120
Last of the Wild v3 (Human Footprint, 2018 Release (2009))

Brealey, J. C., Leitão, H. G., Hofstede, T., Kalthoff, D. C., & Guschanski, K. (2021). The oral microbiota of wild bears in Sweden reflects the history of antibiotic use by humans. *Current Biology*, 31(20), 4650-4658. doi:10.1016/j.cub.2021.08.010
Last of the Wild v3 (Human Footprint, 2018 Release (2009)) - 10.7927/H46T0JQ4

Cámara-Leret, R., Raes, N., Roehrdanz, P., De Fretes, Y., Heatubun, C. D., Roebler, L., . . . Hannah, L. (2019). Climate change threatens New Guinea’s biocultural heritage. *Science Advances*, 5(11), eaaz1455. doi:10.1126/sciadv.aaz1455
Last of the Wild v3 (Human Footprint, 2018 Release (2009)) - 10.7927/H46T0JQ4

Chen, C., Holyoak, M., Xu, J., de Oliveira Caetano, G. H., & Wang, Y. (2023). Range restriction, climate variability and human-related risks imperil lizards world-wide. *Global Ecology and Biogeography*, 32(5), 780-792. doi:10.1111/geb.13655
Gridded Population of the World (GPW) v4.11 (population density)
Last of the Wild v3 (Human Footprint, 2018 Release (2009))

Cheng, Y., Wu, H., & Yang, B. (2023). Conserving habitat and ecosystem in protected areas amid increasing intensive human modification: A case study of China’s Pan-Pearl River Delta. *Ecological Indicators*, 154, 110799. doi:10.1016/j.ecolind.2023.110799
Global Roads (Global Roads Open Access Data Set (gROADS), v1)
Last of the Wild v3 (Human Footprint, 2018 Release (2009))

Land Use and Land Cover (LULC) (Global Human Modification of Terrestrial Systems, v1)
REMOTE SENSING (DMSP-OLS)
REMOTE SENSING (VIIRS NTL)

Chevallier, F. (2021). Fluxes of carbon dioxide from managed ecosystems estimated by national inventories compared to atmospheric inverse modelling. *Geophysical Research Letters*, 48(15), e2021GL093565. doi:10.1029/2021GL093565

Last of the Wild v3 (Human Footprint, 2018 Release (1993)) - 10.7927/H4H9938Z

Last of the Wild v3 (Human Footprint, 2018 Release (2009)) - 10.7927/H46T0JQ4

NASA REMOTE SENSING (OCO-2)

Cobos, M. E., Nuñez-Penichet, C., Campbell, P. D., Cooper, J. C., Machado-Stredel, F., Barve, N., . . . Peterson, A. T. (2023). Effects of occurrence data density on conservation prioritization strategies. *Biological Conservation*, 284, 110207. doi:10.1016/j.biocon.2023.110207

Last of the Wild v3 (Human Footprint, 2018 Release (2009))

Cuadros, S., & Angulo, F. (2023). Distribution and habitat assessment of an endangered hummingbird: The Grey-bellied Comet *Taphrolesia griseiventris*. *Bird Conservation International*, 33, e51. doi:10.1017/S0959270923000060

Last of the Wild v3 (Human Footprint, 2018 Release (2009)) - 10.7927/H46T0JQ4

Day, J., Ashfield, S., Brown, D., Gale, P., Heeley, L., Snary, E., . . . Jones, G. (2021). *Copernicus User Uptake (CUU): Applying Earth Observation (EO) to horizon scanning for Emerging Infectious Diseases (EIDs)*. Retrieved from Peterborough, UK:

<https://hub.jncc.gov.uk/assets/9efd4ce0-b7a9-4ad2-b7ed-f0e7646927b3>

Global Agricultural Lands (collection)

Gridded Population of the World (GPW) v4 (collection)

Global Rural-Urban Mapping Project (GRUMP) v1 (collection)

Global Roads (Global Roads Open Access Data Set (gROADS), v1)

Human Appropriation of Net Primary Productivity (HANPP) (collection)

Last of the Wild v3 (Human Footprint, 2018 Release (1993)) - 10.7927/H4H9938Z

Last of the Wild v3 (Human Footprint, 2018 Release (2009)) - 10.7927/H46T0JQ4

NASA REMOTE SENSING (ASTER)

NASA REMOTE SENSING (GRACE)

NASA REMOTE SENSING (MODIS)

NASA REMOTE SENSING (SMAP)

NASA REMOTE SENSING (VIIRS DNB)

REMOTE SENSING (DMSP-OLS)

REMOTE SENSING (Landsat)

de Thoisy, B., Silva, N. I. O., Sacchetto, L., de Souza Trindade, G., & Drumond, B. P. (2020). Spatial epidemiology of yellow fever: Identification of determinants of the 2016-2018 epidemics and at-risk areas in Brazil. *PLoS Neglected Tropical Diseases*, 14(10), e0008691.

doi:10.1371/journal.pntd.0008691

Last of the Wild v3 (Human Footprint, 2018 Release (2009))

Dias, R. M., de Oliveira, A. G., Baumgartner, M. T., Angulo-Valencia, M. A., & Agostinho, A. A. (2021). Functional erosion and trait loss in fish assemblages from Neotropical reservoirs: The man

beyond the environment. *Fish and Fisheries*, 22(2), 377-390. doi:10.1111/faf.12524
Last of the Wild v3 (Human Footprint, 2018 Release (2009))

Dias, T. C., Stabach, J. A., Huang, Q., Labruna, M. B., Leimgruber, P., Ferraz, K. M. P. M. B., . . . Rocha, V. J. (2020). Habitat selection in natural and human-modified landscapes by capybaras (*Hydrochoerus hydrochaeris*), an important host for *Amblyomma sculptum* ticks. *PLoS ONE*, 15(8), e0229277. doi:10.1371/journal.pone.0229277
Last of the Wild v3 (Human Footprint, 2018 Release (2009)) - 10.7927/H46T0JQ4
REMOTE SENSING (WorldView-2)

Dong, X., Chu, Y.-m.-r., Gu, X., Huang, Q., Zhang, J., & Bai, W. (2019). Suitable habitat prediction of Sichuan snub-nosed monkeys (*Rhinopithecus roxellana*) and its implications for conservation in Baihe Nature Reserve, Sichuan, China. *Environmental Science and Pollution Research*, 26(31), 32374-32384. doi:10.1007/s11356-019-06369-3
Last of the Wild v3 (Human Footprint, 2018 Release (1993))

Dorji, T., Linke, S., & Sheldon, F. (2020). Freshwater conservation planning in the context of nature needs half and protected area dynamism in Bhutan. *Biological Conservation*, 251, 108785. doi:10.1016/j.biocon.2020.108785
Last of the Wild v3 (Human Footprint, 2018 Release (2009)) - 10.7927/H46T0JQ4

Fialová, L., Plášek, V., Klichowska, E., Guo, S., & Nobis, M. (2023). Temperature and precipitation more than tree cover affect the distribution patterns of epiphytic mosses within the Orthotrichaceae family in China and adjacent areas. *Plants*, 12(1), 222. doi:10.3390/plants12010222
Last of the Wild v3 (Human Footprint, 2018 Release (2009)) - 10.7927/H46T0JQ4

Gnedenko, E. (2020). *Land Economics and Policy: An ECI Teaching Module on Social and Environmental Issues in Economics*. Retrieved from Boston: https://www.bu.edu/eci/files/2020/06/Land-Economics_final.pdf
Last of the Wild v3 (Human Footprint, 2018 Release (2009)) - 10.7927/H46T0JQ4

Gómez-Cruz, A., Santos-Hernández, N. G., Cruz, J. A., Ariano-Sánchez, D., Ruiz-Castillejos, C., Espinoza-Medinilla, E. E., & De Fuentes-Vicente, J. A. (2021). Effect of climate change on the potential distribution of *Heloderma alvarezii* (Squamata, Helodermatidae). *ZooKeys*, 1070, 1-12. doi:10.3897/zookeys.1070.69186
Last of the Wild v3 (Human Footprint, 2018 Release (2009)) - 10.7927/H46T0JQ4

Gonçalvès, J., Mahamat Nour, A., Bouchez, C., Deschamps, P., & Vallet-Coulomb, C. (2021). Recharge and baseflow constrained by surface-water and groundwater chemistry: case study of the Chari River, Chad basin. *Hydrogeology Journal*, 29, 703-722. doi:10.1007/s10040-020-02259-y
Last of the Wild v3 (Human Footprint, 2018 Release (2009)) - 10.7927/H46T0JQ4

Gougherty, A. V., & Davies, T. J. (2022). A global analysis of tree pests and emerging pest threats. *Proceedings of the National Academy of Sciences*, 119(13), e2113298119. doi:10.1073/pnas.2113298119
Last of the Wild v3 (Human Footprint, 2018 Release (2009))

Guo, L., He, P., He, Y., Gao, Y., Zhang, X., Huo, T., . . . Meng, F. (2023). Predicting the comprehensive

- geospatial pattern of two ephedrine-type alkaloids for *Ephedra sinica* in Inner Mongolia. *PLoS ONE*, 18(4), e0283967. doi:10.1371/journal.pone.0283967
- Gridded Population of the World (GPW) v4.11 (population density)
- Last of the Wild v3 (Human Footprint, 2018 Release (2009))
- Land Use and Land Cover (LULC) (Global Human Modification of Terrestrial Systems, v1)
- Halupka, L., Arlt, D., Tolvanen, J., Millon, A., Bize, P., Adamík, P., . . . Halupka, K. (2023). The effect of climate change on avian offspring production: A global meta-analysis. *Proceedings of the National Academy of Sciences*, 120(19), e2208389120. doi:10.1073/pnas.2208389120
- Last of the Wild v3 (Human Footprint, 2018 Release (2009)) - 10.7927/H46T0JQ4
- Hanson, J. O., McCune, J. L., Chadès, I., Proctor, C. A., Hudgins, E. J., & Bennett, J. R. (2023). Optimizing ecological surveys for conservation. *Journal of Applied Ecology*, 60(1), 41-51. doi:10.1111/1365-2664.14309
- Last of the Wild v3 (Human Footprint, 2018 Release (2009)) - 10.7927/H46T0JQ4
- Hou, J., Xiang, J., Li, D., & Liu, X. (2023). Prediction of potential suitable distribution areas of *Quasipaa spinosa* in China based on MaxEnt optimization model. *Biology*, 12(3), 366. doi:10.3390/biology12030366
- Last of the Wild v3 (Human Footprint, 2018 Release (2009))
- Ivanova, I. M., & Cook, C. N. (2023). Public and private protected areas can work together to facilitate the long-term persistence of mammals. *Environmental Conservation*, 50(1), 58-66. doi:10.1017/S0376892922000455
- Last of the Wild v3 (Human Footprint, 2018 Release (2009)) - 10.7927/H46T0JQ4
- Jauni, M., Huusela, E., Urho, L., & Hyvönen, T. (2023). Prioritizing management of invasive alien species of EU concern—a northern perspective. *Diversity*, 15(5), 585. doi:10.3390/d15050585
- Last of the Wild v3 (Human Footprint, 2018 Release (2009)) - 10.7927/H46T0JQ4
- Jin, H., Xu, J., Peng, Y., Xin, J., Peng, N., Li, Y., . . . Wang, R. (2023). Impacts of landscape patterns on plant species diversity at a global scale. *Science of The Total Environment*, 896, 165193. doi:10.1016/j.scitotenv.2023.165193
- Last of the Wild v3 (Human Footprint, 2018 Release (2009)) - 10.7927/H46T0JQ4
- REMOTE SENSING (Landsat)
- Kariyawasam, C. S., Kumar, L., & Ratnayake, S. S. (2021). Potential distribution of aquatic invasive alien plants, *Eichhornia crassipes* and *Salvinia molesta* under climate change in Sri Lanka. *Wetlands Ecology and Management*, 29, 531-545. doi:10.1007/s11273-021-09799-4
- Last of the Wild v3 (Human Footprint, 2018 Release (1993))
- Last of the Wild v3 (Human Footprint, 2018 Release (2009))
- Ladin, Z. S., Eggen, D. A., Trammell, T. L. E., & D'Amico, V. (2023). Human-mediated dispersal drives the spread of the spotted lanternfly (*Lycorma delicatula*). *Scientific Reports*, 13(1), 1098. doi:10.1038/s41598-022-25989-3
- Last of the Wild v3 (Human Footprint, 2018 Release (2009))
- Li, W., Guo, W.-Y., Pasgaard, M., Niu, Z., Wang, L., Chen, F., . . . Svenning, J.-C. (2023). Human fingerprint

on structural density of forests globally. *Nature Sustainability*, 6, 368-379.
doi:10.1038/s41893-022-01020-5

Last of the Wild v3 (Human Footprint, 2018 Release (1993))
Last of the Wild v3 (Human Footprint, 2018 Release (2009))
Land Use and Land Cover (LULC) (Global Human Modification of Terrestrial Systems, v1)
NASA REMOTE SENSING (GEDI)
NASA REMOTE SENSING (MODIS)

Malviya, M., & Krishnamurthy, R. (2022). Multiscale spatially explicit modelling of livestock depredation by reintroduced tiger (*Panthera tigris*) to predict conflict risk probability. *Global Ecology and Conservation*, 40, e02313. doi:10.1016/j.gecco.2022.e02313

India Data Collection (Spatial Data from the 2011 India Census, v1) - 10.7927/gya1-wp91
Last of the Wild v3 (Human Footprint, 2018 Release (2009)) - 10.7927/H46T0JQ4
NASA REMOTE SENSING (ASTER GDEM)
REMOTE SENSING (Landsat)

Martin, G. M., González, B., & Monjeau, A. (2021). Continental assessment of South American marsupial conservation priorities: A methodological approach using a spatially explicit conservation indicator. *Biological Conservation*, 256, 109045. doi:10.1016/j.biocon.2021.109045

Last of the Wild v3 (Human Footprint, 2018 Release (2009)) - 10.7927/H46T0JQ4

Meier, A. C., Bourgeois, S., Adams, E., Bikang, H., Jasperse-Sjolander, L., Lewis, M., . . . Poulsen, J. R. (2023). Fruit availability and human disturbance influence forest elephant group size. *Animal Behaviour*, 203, 171-182. doi:10.1016/j.anbehav.2023.07.002

Last of the Wild v2 (Global Human Footprint (Geographic)) - 10.7927/H4M61H5F
Last of the Wild v3 (Human Footprint, 2018 Release (2009))
Land Use and Land Cover (LULC) (Global Human Modification of Terrestrial Systems, v1)
NASA REMOTE SENSING (MODIS)

Mi, C., Huettmann, F., Li, X., Jiang, Z., Du, W., & Sun, B. (2022). Effects of climate and human activity on the current distribution of amphibians in China. *Conservation Biology*, 36(6), e13964.
doi:10.1111/cobi.13964

Global Agricultural Lands (Cropland)
Last of the Wild v3 (Human Footprint, 2018 Release (2009))

Mikula, P., Tomášek, O., Romportl, D., Aikins, T. K., Avendaño, J. E., Braimoh-Azaki, B. D. A., . . . Albrecht, T. (2023). Bird tolerance to humans in open tropical ecosystems. *Nature Communications*, 14(1), 2146. doi:10.1038/s41467-023-37936-5

Last of the Wild v3 (Human Footprint, 2018 Release (2009))

Milardi, M., Iemma, A., Waite, I. R., Gavioli, A., Soana, E., & Castaldelli, G. (2022). Natural and anthropogenic factors drive large-scale freshwater fish invasions. *Scientific Reports*, 12(1), 10465. doi:10.1038/s41598-022-14556-5

Last of the Wild v3 (Human Footprint, 2018 Release (2009))

Mogano, K., Suzuki, T., Mohale, D., Phahladira, B., Ngoepe, E., Kamata, Y., . . . Makita, K. (2022). Spatio-temporal epidemiology of animal and human rabies in northern South Africa between 1998 and 2017. *PLoS Neglected Tropical Diseases*, 16(7), e0010464.

doi:10.1371/journal.pntd.0010464
Last of the Wild v2 (Global Human Footprint (Geographic))
Last of the Wild v3 (Human Footprint, 2018 Release (2009))

Mull, N., Carlson, C. J., Forbes, K. M., & Becker, D. J. (2022). Virus isolation data improve host predictions for New World rodent orthohantaviruses. *Journal of Animal Ecology*, *91*(6), 1290-1302.
doi:10.1111/1365-2656.13694
Last of the Wild v3 (Human Footprint, 2018 Release (2009))

Munsch, S. H., Beaty, F. L., Beheshti, K. M., Chesney, W. B., Endris, C. A., Gerwing, T. G., . . . Walter, R. K. (2023). Northeast Pacific eelgrass dynamics: Interannual expansion distances and meadow area variation over time. *Marine Ecology Progress Series*, *705*, 61-75. doi:10.3354/meps14248
Last of the Wild v3 (Human Footprint, 2018 Release (2009))

Naia, M., & Brito, J. (2021). *Geographical Atlas of Mauritania*. Retrieved from Vairão, Portugal:
https://biodeserts.cibio.up.pt/images/resources_to_download/Naia_Brito_2021_Geographical_Atlas_of_Mauritania_EN_02.pdf
Gridded Population of the World (GPW) v3 (population density)
Global Roads (Global Roads Open Access Data Set (gROADS), v1) - 10.7927/H4VD6WCT
Last of the Wild v2 (Global Human Footprint (Geographic)) - 10.7927/H4M61H5F
Last of the Wild v3 (Human Footprint, 2018 Release (2009)) - 10.7927/H46T0JQ4

Nava-Bolaños, A., Prieto-Torres, D. A., Osorio-Olvera, L., Soberón, J., Arizmendi, M. d. C., & Navarro-Sigüenza, A. G. (2023). Critical areas for pollinator conservation in Mexico: A cross-border priority. *Biological Conservation*, *283*, 110119. doi:10.1016/j.biocon.2023.110119
Last of the Wild v3 (Human Footprint, 2018 Release (2009)) - 10.7927/H46T0JQ4

Ning, L., Cheng, C., Lu, X., Shen, S., Zhang, L., Mu, S., & Song, Y. (2022). Improving the prediction of soil organic matter in arable land using human activity factors. *Water*, *14*(10), 1668.
doi:10.3390/w14101668
Last of the Wild v3 (Human Footprint, 2018 Release (2009))
NASA REMOTE SENSING (Global 1-km Gridded Thickness of Soil, Regolith, and Sedimentary Deposit Layers) ORNL

Oboudi, R., Malekian, M., Khosravi, R., Fadakar, D., & Adibi, M. A. (2021). Genetic structure and ecological niche segregation of Indian gray mongoose (*Urva edwardsii*) in Iran. *Ecology and Evolution*, *11*(21), 14813-14827. doi:10.1002/ece3.8168
Last of the Wild v3 (Human Footprint, 2018 Release (2009))
NASA REMOTE SENSING (SRTM)

Ogawa, R., Davis, J. B., King, D. T., Burger, L. W., Strickland, B. K., Sovada, M. A., . . . Cunningham, F. L. (2022). Migratory movements and home ranges of geographically distinct wintering populations of a soaring bird. *Diversity*, *14*(12), 1109. doi:10.3390/d14121109
Last of the Wild v3 (Human Footprint, 2018 Release (2009))

Örücü, Ö. K., Azadi, H., Arslan, E. S., Kamer Aksoy, Ö., Choobchian, S., Nooghabi, S. N., & Stefanie, H. I. (2023). Predicting the distribution of European Hop Hornbeam: application of MaxEnt algorithm and climatic suitability models. *European Journal of Forest Research*, *142*, 579-591.

doi:10.1007/s10342-023-01543-2
Last of the Wild v3 (Human Footprint, 2018 Release (2009))

Osinga, T., Thurfjell, H., & Hofmeester, T. R. (2023). Snow limits polecat *Mustela putorius* distribution in Sweden. *Wildlife Biology*, 2023(1), e01051. doi:10.1002/wlb3.01051
Last of the Wild v3 (Human Footprint, 2018 Release (2009))

Palfrey, R., Oldekop, J. A., & Holmes, G. (2022). Privately protected areas increase global protected area coverage and connectivity. *Nature Ecology & Evolution*, 6, 730-737.
doi:10.1038/s41559-022-01715-0
Last of the Wild v3 (Human Footprint, 2018 Release (2009))

Peters, N., Kendall, C. J., Davies, J. G., Bracebridge, C., Nicholas, A., Mgumba, M. P., & Beale, C. M. (2023). Identifying priority locations to protect a wide-ranging endangered species. *Biological Conservation*, 277, 109828. doi:10.1016/j.biocon.2022.109828
Last of the Wild v3 (Human Footprint, 2018 Release (2009))

Reader, M. O., Eppinga, M. B., de Boer, H. J., Damm, A., Petchey, O. L., & Santos, M. J. (2022). The relationship between ecosystem services and human modification displays decoupling across global delta systems. *Communications Earth & Environment*, 3(1), 102.
doi:10.1038/s43247-022-00431-8
Global Agricultural Lands (Pasture)
Gridded Population of the World (GPW) v4.11 (population density) - 10.7927/H49C6VHW
Last of the Wild v3 (Human Footprint, 2018 Release (2009)) - 10.7927/H46T0JQ4
Gridded Species Distribution (Amphibians 2015)
Gridded Species Distribution (Mammals 2015)

Reader, M. O., Eppinga, M. B., de Boer, H. J., Damm, A., Petchey, O. L., & Santos, M. J. (2023). Biodiversity mediates relationships between anthropogenic drivers and ecosystem services across global mountain, island and delta systems. *Global Environmental Change*, 78, 102612.
doi:10.1016/j.gloenvcha.2022.102612
Global Agricultural Lands (Pasture) - 10.7927/H47H1GGR
Gridded Population of the World (GPW) v4.11 (population density) - 10.7927/H49C6VHW
Last of the Wild v3 (Human Footprint, 2018 Release (2009)) - 10.7927/H46T0JQ4

Salariato, D. L., Zanotti, C., & Zuloaga, F. O. (2022). Assessing the impact of climate change on threatened endemic vascular plants of Argentina. *Folia Geobotanica*, 57, 49-69.
doi:10.1007/s12224-022-09411-4
Last of the Wild v3 (Human Footprint, 2018 Release (2009))

Saracco, J. F., Pyle, P., Kaschube, D. R., Kohler, M., Godwin, C. M., & Foster, K. R. (2022). Demographic declines over time and variable responses of breeding bird populations to human footprint in the Athabasca Oil Sands Region, Alberta, Canada. *Ornithological Applications*, 124(4).
doi:10.1093/ornithapp/duac037
Last of the Wild v3 (Human Footprint, 2018 Release (2009)) - 10.7927/H46T0JQ4
NASA REMOTE SENSING (MODIS - MOD44B)

Senior, A. F., Böhm, M., Johnstone, C. P., McGee, M. D., Meiri, S., Chapple, D. G., & Tingley, R. (2021).

- Correlates of extinction risk in Australian squamate reptiles. *Journal of Biogeography*, 48(9), 2144-2152. doi:10.1111/jbi.14140
Last of the Wild v3 (Human Footprint, 2018 Release (2009)) - 10.7927/H46T0JQ4
- Sharma, P., Chettri, N., Uddin, K., Wangchuk, K., Joshi, R., Tandin, T., . . . Sharma, E. (2020). Mapping human-wildlife conflict hotspots in a transboundary landscape in the Eastern Himalaya. *Global Ecology and Conservation*, 24, e01284. doi:10.1016/j.gecco.2020.e01284
Last of the Wild v3 (Human Footprint, 2018 Release (2009))
REMOTE SENSING (Landsat)
- Sherpa, S., Guéguen, M., Renaud, J., Blum, M. G. B., Gaude, T., Laporte, F., . . . Després, L. (2019). Predicting the success of an invader: Niche shift versus niche conservatism. *Ecology and Evolution*, 9(22), 12658-12675. doi:10.1002/ece3.5734
Human Appropriation of Net Primary Productivity (HANPP) (Global Patterns in Net Primary Productivity, v1)
Last of the Wild v3 (Human Footprint, 2018 Release (2009))
- Sherpa, S., Kebaïli, C., Rioux, D., Guéguen, M., Renaud, J., & Després, L. (2022). Population decline at distribution margins: Assessing extinction risk in the last glacial relictual but still functional metapopulation of a European butterfly. *Diversity and Distributions*, 28(2), 271-290. doi:10.1111/ddi.13460
Last of the Wild v3 (Human Footprint, 2018 Release (2009))
- Shin, Y., Min, M.-S., & Borzée, A. (2021). Driven to the edge: Species distribution modeling of a Clawed Salamander (Hynobiidae: *Onychodactylus koreanus*) predicts range shifts and drastic decrease of suitable habitats in response to climate change. *Ecology and Evolution*, 11(21), 14669-14688. doi:10.1002/ece3.8155
Last of the Wild v3 (Human Footprint, 2018 Release (2009)) - 10.7927/H46T0JQ4
- Shivambu, N., Shivambu, T. C., & Downs, C. T. (2021). Predicting the potential distribution of non-native mammalian species sold in the South African pet trade. *Diversity*, 13(10), 478. doi:10.3390/d13100478
Last of the Wild v3 (Human Footprint, 2018 Release (2009)) - 10.7927/H46T0JQ4
- Singh, M., & Yan, S. (2021). Spatial-temporal variations in deforestation hotspots in Sumatra and Kalimantan from 2001-2018. *Ecology and Evolution*, 11(12), 7302-7314. doi:10.1002/ece3.7562
Last of the Wild v3 (Human Footprint, 2018 Release (2009))
NASA REMOTE SENSING (SRTM)
- Soininen, E. M., Barrio, I. C., Björkås, R., Björnsdóttir, K., Ehrich, D., Hopping, K. A., . . . Speed, J. D. M. (2021). Location of studies and evidence of effects of herbivory on Arctic vegetation: a systematic map. *Environmental Evidence*, 10(1), 25. doi:10.1186/s13750-021-00240-0
Gridded Population of the World (GPW) v4.11 (population density)
Last of the Wild v3 (Human Footprint, 2018 Release (2009))
- Staude, I. R., & Ebersbach, J. (2023). Neophytes may promote hybridization and adaptations to a changing planet. *Ecology and Evolution*, 13(8), e10405. doi:10.1002/ece3.10405
Last of the Wild v3 (Human Footprint, 2018 Release (2009))

Sun, J., Feng, L., Wang, T., Tian, X., He, X., Xia, H., & Wang, W. (2021). Predicting the potential habitat of three endangered species of *Carpinus* genus under climate change and human activity. *Forests*, 12(9), 1216. doi:10.3390/f12091216

Last of the Wild v3 (unspecified)

Tepley, A. J., Parisien, M.-A., Wang, X., Oliver, J. A., & Flannigan, M. D. (2022). Wildfire evacuation patterns and syndromes across Canada's forested regions. *Ecosphere*, 13(10), e4255. doi:10.1002/ecs2.4255

Gridded Population of the World (GPW) v4.11 (population density) - 10.7927/H49C6VHW

Last of the Wild v3 (Human Footprint, 2018 Release (2009))

Tsavidaridou, A. I., & Mazaris, A. D. (2021). Gaps and biases in the protection of transnational lakes: a global assessment. *Landscape Ecology*, 36, 297-308. doi:10.1007/s10980-020-01145-y

Last of the Wild v3 (Human Footprint, 2018 Release (2009)) - 10.7927/H46T0JQ4

Veach, A. M., Troia, M. J., & Cregger, M. A. (2021). Assessing biogeographic survey gaps in bacterial diversity knowledge: A global synthesis of freshwaters. *Freshwater Biology*, 66(8), 1595-1605. doi:10.1111/fwb.13777

Last of the Wild v3 (Human Footprint, 2018 Release (2009))

Wang, B., Ye, W., Xu, Y., Zhong, X., Zhang, J., Yang, N., . . . Zhou, C. (2023). Climate change affects Galliformes taxonomic, phylogenetic and functional diversity indexes, shifting conservation priority areas in China. *Diversity and Distributions*, 29(3), 409-422. doi:10.1111/ddi.13667

Last of the Wild v3 (Human Footprint, 2018 Release (2009)) - 10.7927/H46T0JQ4

Wang, B., Ye, W., Xu, Y., Zhong, X., Zhang, J., Yang, N., . . . Zhou, C. (2023). Climate change affects Galliformes taxonomic, phylogenetic and functional diversity indexes, shifting conservation priority areas in China. *Diversity and Distributions*, 29(3), 409-422. doi:10.1111/ddi.13667

Last of the Wild v3 (Human Footprint, 2018 Release (2009))

Wu, Z., Borzée, A., Qian, T., Dai, W., Li, S., & Wang, J. (2023). Spatial non-stationarity effect of determinants regulates variation in amphibian species richness. *Ecological Indicators*, 150, 110268. doi:10.1016/j.ecolind.2023.110268

Last of the Wild v3 (Human Footprint, 2018 Release (2009))

NASA REMOTE SENSING (ASTER GDEM)

Ye, B., Saito, T., Hirano, T., Dong, Z., Do, V. T., & Chiba, S. (2020). Human-geographic effects on variations in the population genetics of *Sinotaia quadrata* (Gastropoda: Viviparidae) that historically migrated from continental East Asia to Japan. *Ecology and Evolution*, 10(15), 8055-8072. doi:10.1002/ece3.6456

doi:10.1002/ece3.6456

Gridded Population of the World (GPW) v4.11 (population density)

Last of the Wild v3 (Human Footprint, 2018 Release (2009))

Land Use and Land Cover (LULC) (Development Threat Index, v1)

Population Dynamics (Global Estimated Net Migration Grids By Decade, v1)

Zhang, L., Yang, H., Wang, Y., Zhuang, H., Chen, W., Lin, Z., . . . Wang, Y. (2021). Blue footprint: Distribution and use of indigo-yielding plant species *Strobilanthes cusia* (Nees) Kuntze. *Global*

Ecology and Conservation, 30, e01795. doi:10.1016/j.gecco.2021.e01795
Global Agricultural Lands (Cropland)
Gridded Population of the World (GPW) v4.11 (population density)
Last of the Wild v3 (Human Footprint, 2018 Release (2009))

Zhang, X., He, P., Guo, L., & Meng, F. (2023). Potential carbon sequestration and economic value assessment of the relict plant *Ginkgo biloba* L. based on the Maximum Entropy Model. *Forests*, 14(8), 1618. doi:10.3390/f14081618
Gridded Population of the World (GPW) v4.11 (population density)
Last of the Wild v3 (Human Footprint, 2018 Release (2009))
Land Use and Land Cover (LULC) (Global Human Modification of Terrestrial Systems, v1)

Zhao, S., Pereira, P., Wu, X., Zhou, J., Cao, J., & Zhang, W. (2020). Global karst vegetation regime and its response to climate change and human activities. *Ecological Indicators*, 113, 106208. doi:10.1016/j.ecolind.2020.106208
Last of the Wild v3 (Human Footprint, 2018 Release (1993))
Last of the Wild v3 (Human Footprint, 2018 Release (2009))
NASA REMOTE SENSING (GIMMS)

Zhao, X., Garber, P. A., Ye, X., & Li, M. (2023). The impact of climate change and human activities over the past 2000 years has increased the spatial-temporal extinction rate of gibbons. *Biological Conservation*, 281, 109998. doi:10.1016/j.biocon.2023.109998
Last of the Wild v3 (collection)

Zhao, Z., Xiao, N., Shen, M., & Li, J. (2022). Comparison between optimized MaxEnt and random forest modeling in predicting potential distribution: A case study with *Quasipaa boulengeri* in China. *Science of The Total Environment*, 842, 156867. doi:10.1016/j.scitotenv.2022.156867
Last of the Wild v3 (Human Footprint, 2018 Release (2009))

Zhi, X., Du, H., Zhang, M., Long, Z., Zhong, L., & Sun, X. (2022). Mapping the habitat for the moose population in Northeast China by combining remote sensing products and random forests. *Global Ecology and Conservation*, 40, e02347. doi:10.1016/j.gecco.2022.e02347
Last of the Wild v3 (Human Footprint, 2018 Release (2009))
NASA REMOTE SENSING (MODIS - MCD12)
NASA REMOTE SENSING (SRTM)