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Version: 3.0

Alan Di Vittorio
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C NetCDF library (v4.1.1)

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SAGE 175 crop harvested area and yield data, circa 2000, potential vegetation, physical cropland area, and land fraction

Available at: <http://www.earthstat.org/data-download/>

Please cite these data when using Morai:

Monfreda, C., Ramankutty, N. & Foley, J. A. 2008. Farming the planet: 2. Geographic distribution of crop areas, yields, physiological types, and net primary production in the year 2000, *Global Biogeochem. Cycles*, 22, GB1022.

Ramankutty, N., Evan, A. T., Monfreda, C. & Foley, J. A. 2008. Farming the planet: 1. Geographic distribution of global agricultural lands in the year 2000. *Global Biogeochem. Cycles*, 22, GB1003.

Ramankutty, N. & Foley, J. A. 1999. Estimating historical changes in global land cover: Croplands from 1700 to 1992. *Global Biogeochem. Cycles*, 13, 997-1027.

Greenland has been added to the potential vegetation data, mostly as ice, but with some tundra where the HYDE data show land area.

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HYDE 3.2.000 baseline land use data

Available at: ftp://ftp.pbl.nl/hyde/hyde3.2/2017_beta_release/

Please cite these data when using Moirai: Klein-Goldewijk, K., Beusen, A., Doelman, J. & Stehfest, E. 2017. Anthropogenic land use estimates for the Holocene – HYDE 3.2. Earth Syst. Sci. Data, 9, 927-953.

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MIRCA 2000 crop irrigated and rainfed harvested area data, circa 2000

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VMAP0 country boundary data

Available at: <http://gis-lab.info/qa/vmpa0-eng.html>

These are shapefiles that have been converted from the original data format originally published by the National Geospatial-Intelligence Agency. These data are in the public domain.

Bureau of Labor Statistics historical Consumer Price Index

Available at: <https://www.bls.gov/cpi/data.htm>

All urban consumers, centered at 1982-1984 (June 2018). The original file is available as well as a reformatted input file for Moirai.

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Food and Agriculture Organization of the United Nations crop statistics

Available at: www.fao.org/faostat/

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Global Trade Analysis Project land rent data and original Agro-Ecological Zone boundaries

Available at:

https://www.gtap.agecon.purdue.edu/resources/res_display.asp?RecordID=1900

The land rent data have been extracted from the larger dataset and reformatted for input to Moirai.

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