getCRUCLdata: Download and Use CRU CL2.0 Climatology Data in R

30 January 2017

Summary

The getCRUCLdata package provides two functions that automate downloading and importing CRU CL2.0 climatology data (New et al. 2002) into R (R Core Team 2016), facilitates the calculation of minimum temperature and maximum temperature, and formats the data into a tidy data frame or a list of raster stack objects (Hijmans 2016) for use in R or easily exports to a raster format file for use in a geographic information system (GIS).

References

Hijmans, Robert J. 2016. *Raster: Geographic Data Analysis and Modeling.* https://CRAN.R-project.org/package=raster.

New, M, D Lister, M Hulme, and I A Makin. 2002. "A high-resolution data set of surface climate over global land areas." *Climate Research* 21: 1–25. doi:10.3354/cr021001.

R Core Team. 2016. *R: A Language and Environment for Statistical Computing.* Vienna, Austria: R Foundation for Statistical Computing. https://www.R-project.org/.