Fair Use of NOAA's CDR Data Sets, Algorithms and Documentation:

The development of a Climate Data Record (CDR) - including computer algorithms, data sets and documentation - is typically a painstaking process involving multiple scientists working over many years. These scientists rely on the fair use and proper acknowledgment of the CDR to sustain their professional reputations and careers.

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Acknowledgement Example: The *IR Sounder Upper Tropospheric Humidity BT* CDR used in this study was acquired from NOAA's National Centers for Environmental Information (http://www.ncei.noaa.gov). This CDR was originally developed by Lei Shi and colleagues for NOAA's CDR Program.

Literature Citation Example: Shi, L., and J. J. Bates (2011). Three decades of intersatellite-calibrated High-Resolution Infrared Radiation Sounder upper tropospheric water vapor. J Geophys Res-Atmos, 116.

Data Citation Example: Shi, L. *NOAA Climate Data Record IR Sounder Upper Tropospheric Humidity BT.* Version 4.0 [indicate subset used]. Asheville, NC USA National Environmental Centers for Information. https://doi.org/10.25921/mwe8-7e12

CDR Program Open Data Policy:

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- [1] On Being a Scientist: A Guide to Responsible Conduct in Research: 3rd Edition (2009), Committee on Science, Engineering, and Public Policy, National Academy of Sciences, National Academy of Engineering, and Institute of Medicine, 82 pages, ISBN-10: 0-309-11970-7. Available for download at: http://www.nap.edu/catalog.php?record_id=12192.
- [2] Ruth E. Duerr, Robert R. Downs, Curt Tilmes, Bruce Barkstrom, W. Christopher Lenhardt, Joseph Glassy, Luis E. Bermudez and Peter Slaughter. On the utility of identification schemes for digital earth science data: an assessment and recommendations, Earth Science Informatics, Vol. 4, Num. 3, 139-160, 2011, doi:10.1007/s12145-011-0083-6.
- [3] http://www.whitehouse.gov/sites/default/files/omb/memoranda/2013/m-13-13.pdf
- [4] http://www.whitehouse.gov/the-press-office/2013/05/09/executive-order-making-open-and-machine-readable-new-default-government-
- [5] https://www.ncei.noaa.gov/products/climate-data-records/ir-sounder-upper-trop-humidity-bt