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ATMO 529
Assignment #1

IRI/LDEO Climate Data Library

<http://iridl.ldeo.columbia.edu/>

Description: The IRI/LDEO Climate Data Library has more than 300 datasets related to earth science and climate. The data available at this site is free. Users may not only be able to access data at this site, but they may also create simple to advanced (enhanced orthogonal function-EOF) analyses of the data. Users are able to analyze maps of current climate conditions. Animations and other visual aids may be created at this site.

The data is available for download in a wide variety of formats:

- ascii with ArcInfo Header (for ArcInfo)
- IDA (for WinDisp, GIS applications)
- ERDAS LAN (for GIS applications)
- netCDF
- tables (for Spreadsheets)
- binary random access
- DEC ALPHA direct access
- binary FORTRAN sequential access
- DEC ALPHA sequential access
- JPEG
- GIF
- PS

Data is also accessible using a Open-source Project for a Network Data Access Protocol(OPenDAP) client from programs such as Matlab, GrADS, and Ferret.