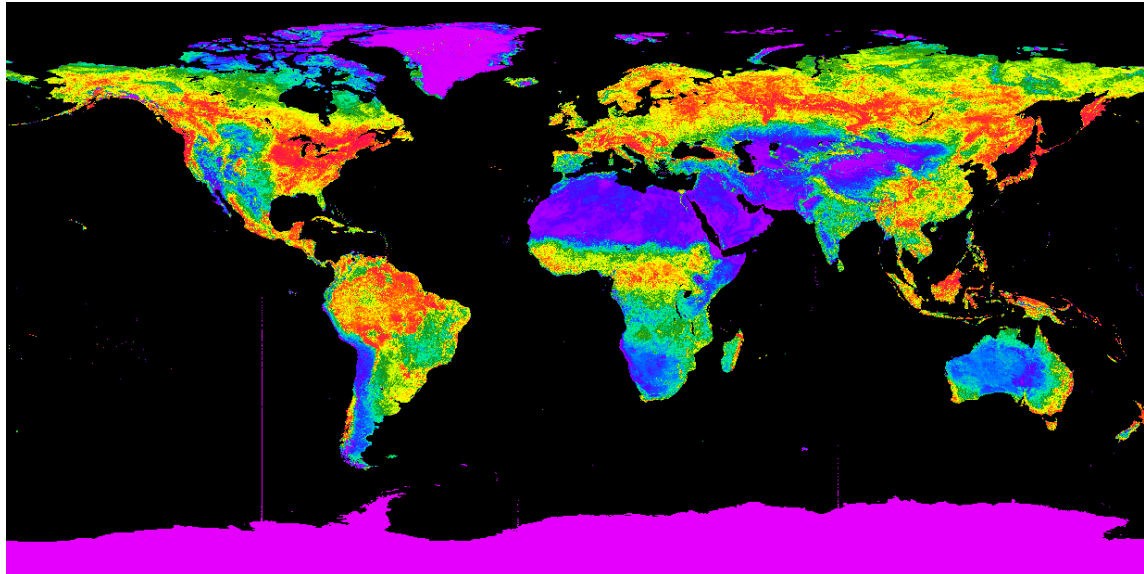


Global Multiscale Master Megadata, 0.01 to 0.1 degree, 111 layers

Generated for the Global Irrigated Area Mapping Project



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Description:

Arrangement of datasets is important component for the time series analysis. It requires construction of mega datasets. The concept of mega-data is simple and very efficient for analysis in R&D mode. All the data sets used for the analysis has been organized and layer stacked into one single mega-gigabyte file. A total of 111 layers consisting of NOAA AVHRR 0.1 degree monthly composite reflectance (band1 and band2), temperature (band4) and NDVI for period 1998-1999; SPOT Vegetation monthly composite NDVI for a year 1999, USGS GTOPO 30 1km digital elevation model (1996); USGS Global 1km tree cover (2000) and GPCP 1km rainfall (historical mean from 1998-2003) were formulated into a single mega file of approximately 67.3 GB. All layers have been brought to uniform unsigned 8 bit level to synchronize the variability from its original form. This single mega files has facilitate in analyzing the time series data in its entirety and helped in determining mean signature of the each unsupervised iso-data clusters and tracking quantitative fluctuation at each time interval.

For details information about the individual datasets, please browse

www.iwmidsp.org

<http://www.iwmidsp.org/iwmi/SearchData/ReadFolder.asp?fPath=/dsp/rs-gis-data/Global/>

Data source;

http://daac.gsfc.nasa.gov/data/dataset/AVHRR/01_Data_Products/04_FTP_Products/index.html

<http://www.spot-vegetation.com>

<http://free.vgt.vito.be>

<http://edcdaac.usgs.gov/gtopo30/gtopo30.html>

<http://www.yale.edu/ceo/Documentation/dem.html>

http://www.cru.uea.ac.uk/~timm/grid/CRU_TS_2_0.html

<http://www.fao.org/forestry/index.jsp>