**Links for Climate Data**

**Weather Station & Temperature Anomaly**

Data: <http://data.giss.nasa.gov/gistemp/>

anomaly explanation

<http://www.giss.nasa.gov/research/news/20050208/>

anomaly movie:

<http://svs.gsfc.nasa.gov/vis/a000000/a004000/a004030/2012_GISSTEMP_update_withdates.mp4>

**Greenhouse Gases:**

Methane: <http://www.esrl.noaa.gov/gmd/obop/mlo/programs/esrl/methane/methane.html>

Mauna Loa CO2: <http://www.esrl.noaa.gov/gmd/ccgg/trends/>

CO2-Temp-Sea Level graphs: <http://www.feedbackreigns.net/wp-content/uploads/2015/06/graph-co2-temp-sea-level-450k-years.jpg>

Gapminder CO2:

<http://www.gapminder.org/world/#$majorMode=map$is;shi=t;ly=2003;lb=f;il=t;fs=11;al=21;stl=f;st=f;nsl=t;se=t$wst;tts=C$ts;sp=6;ti=2006$zpv;v=0$inc_x;mmid=XCOORDS;iid=phAwcNAVuyj1jiMAkmq1iMg;by=const$inc_y;mmid=YCOORDS;iid=phAwcNAVuyj1gkNuUEXOGag;by=const$inc_s;uniValue=8.21;iid=phAwcNAVuyj1NHPC9MyZ9SQ;by=ind$inc_c;uniValue=255;gid=CATID0;iid=pyj6tScZqmEfbZyl0qjbiRQ;by=grp$map_s;sma=58;smi=1$cd;bd=0$inds=;example=6>

Gapminder CO2 v income:

<http://www.gapminder.org/world/#$majorMode=chart$is;shi=t;ly=2003;lb=f;il=t;fs=11;al=21;stl=t;st=t;nsl=t;se=t$wst;tts=C$ts;sp=6;ti=2006$zpv;v=0$inc_x;mmid=XCOORDS;iid=phAwcNAVuyj1jiMAkmq1iMg;by=ind$inc_y;mmid=YCOORDS;iid=phAwcNAVuyj1gkNuUEXOGag;by=ind$inc_s;uniValue=8.21;iid=phAwcNAVuyj1NHPC9MyZ9SQ;by=ind$inc_c;uniValue=255;gid=CATID0;iid=pyj6tScZqmEfbZyl0qjbiRQ;by=grp$map_x;scale=log;dataMin=294;dataMax=76977$map_y;scale=lin;dataMin=-1.2196;dataMax=26$map_s;sma=58;smi=1$cd;bd=0$inds=;example=6>

**Glaciers:**

glacial length

<http://www.grida.no/publications/other/ipcc_tar/?src=/climate/ipcc_tar/wg1/fig2-18.htm>

glacial mass balance

<http://www.geo.uzh.ch/microsite/wgms/mbb/sum10.html>

glacial graphics (spatio-temporal analysis is near bottom of page)

<http://www.grid.unep.ch/glaciers/graphics.php>

**Sea Level:**

Sea level on-line

<http://tidesandcurrents.noaa.gov/sltrends/>

Sea level curve and explanation of TOPEX/Poseidon data

<http://podaac.jpl.nasa.gov/OceanEvents/20Years_RadarAltimetry_Dec2012>

Climate Zones:

USDA Plant Zones:

<http://www.ars.usda.gov/is/pr/2012/120125.htm>

South American Mammals:

<http://www.pnas.org/content/109/22/8606.figures-only>

Pika:

<http://ecowest.org/2013/09/24/video-mountain-species-climate-change-and-the-escalator-effect/>