**Exercise 1 – MODIS Web Resources**

MODIS Home page -- general information about MODIS technical specs and Earth science, <http://modis.gsfc.nasa.gov/about/>

MODLAND Home page-- central source to most MODIS Land web links,

<http://modis-land.gsfc.nasa.gov/>

MODIS land product list,

<https://lpdaac.usgs.gov/product_search/?collections=Combined+MODIS&collections=Terra+MODIS&collections=Aqua+MODIS&view=list>

Land Processes Distributed Active Archive Center (LP DAAC)-- to order MODIS Land data,

<https://lpdaac.usgs.gov/>

Land Products Validation-- validation sites, products validation status,

<http://landval.gsfc.nasa.gov/>

MODIS LAND QA-- MODLAND wide monitoring of production quality,

<http://landweb.nascom.nasa.gov/cgi-bin/QA_WWW/newPage.cgi>

LDOPE QA tools—suite of software for processing MODIS LAND products,

https://lpdaac.usgs.gov/tools/ldope/

The Application for Extracting and Exploring Analysis Ready Samples (AρρEEARS) - offers users a simple and efficient way to perform data access and transformation processes

<https://lpdaac.usgs.gov/tools/appeears/>

Julian day calendar-- to convert between Julian days and calendar days <http://landweb.nascom.nasa.gov/browse/calendar.html>

Tile mapper- converts between lat/lon and MODIS tile ID/sample/line

<http://landweb.nascom.nasa.gov/cgi-bin/developer/tilemap.cgi>

MODIS Land products Global browse,

<http://landweb.nascom.nasa.gov/cgi-bin/browse/browseMODIS.cgi>

MODIS ASCII subsets visualization tool-- time series and spatial subsets of land products

<http://daac.ornl.gov/MODIS/>

Land Products summary at LP DAAC—ATBDs, user guides, etc

<http://modis.gsfc.nasa.gov/data/atbd/>

Open Source tools/codes for dealing with MODIS data

<https://r-forge.r-project.org/projects/modis/>

<http://modis.gsfc.nasa.gov/tools/>

<https://earthdata.nasa.gov/earth-observation-data/tools>

**End of Exercise 1** (Last update: Sept-28-2022)