



Thursday, 28 April, 2022



10 am - 3 pm  
Virtual (zoom)



## Interested in learning about NASA Earth Science data?

Join us for a virtual workshop led by staff from NASA Land Processes Distributed Active Archive Center (LP DAAC) and hosted by NIMBioS at UTK. LP DAAC processes, archives, and distributes remotely sensed land data products that support monitoring of the Earth's land dynamics and facilitate interdisciplinary research, education, and decision-making.

**Pleaser register [here](#) by Monday, 25 April. Registration is free.**

### Agenda

#### Morning session:

10 am - 10:50 am Introduction to LP DAAC Data and Q&A session

11 am - 12 pm Data discovery in AppEEARS with DEMO and Q&A session

#### Afternoon session:

1 pm - 3 pm Python and cloud computing tutorials

**NASA's LP DAAC**

**>Welcome to AppEEARS!**  
Application for Extracting and Exploring Analysis Ready Samples (AppEEARS)

The Application for Extracting and Exploring Analysis Ready Samples (AppEEARS) offers a simple and efficient way to access and transform geospatial data from a variety of federal data archives. AppEEARS enables users to subset geospatial datasets using spatial, temporal, and band/layer parameters. Two types of sample requests are available: point samples for geographic coordinates and area samples for spatial areas via vector polygons. Sample requests submitted to AppEEARS provide users not only with data values, but also associated quality data values. Interactive visualizations with summary statistics are provided for each sample within the application, which allow users to preview and interact with their samples before downloading their data. Get started with a sample request using the Extract option above, or visit the [Help](#) page to learn more.