

Google Earth Engine Capacity Building Campaign Itineraries

Venue and Date:

Bangalore: 30th & 31st October 2022

Tirupati: 1st November 2022

Chennai: 2nd November 2022

New Delhi: 3rd & 4th November 2022

Bangalore & New Delhi Itinerary

DAY ONE:

Time	Itinerary
9am-12pm	<ul style="list-style-type: none">• General introduction to remote sensing and the Google Earth Engine platform• Introduction to image acquisition and visualization using Landsat data• Creating image mosaics and composites• Visualization of feature collections• Importing and exporting data
12pm-1pm	Lunch
1pm-2pm	<ul style="list-style-type: none">• Calculating key remote sensing indices such as NDVI, and applying towards change detection and area calculation• Tracking change over time using time series charts
2pm-4pm	Hackathon

DAY TWO:

Time	Itinerary
9am-12pm	<ul style="list-style-type: none">• Specialized algorithms: joins, vector/raster conversions• Machine learning in GEE

12pm-1pm	Lunch
1pm-2pm	<ul style="list-style-type: none"> • Advanced GEE app development • Earth and Earth Engine
2pm-4pm	Hackathon & presentations

Tirupati Itinerary

November 1, 2022, 9am-5pm

Time	Itinerary
9am-12pm	<ul style="list-style-type: none"> • General introduction to remote sensing and the Google Earth Engine platform • Introduction to image acquisition and visualization using Landsat data • Creating image mosaics and composites • Visualization of feature collections • Importing and exporting data
12pm-1pm	Lunch
1pm-2pm	<ul style="list-style-type: none"> • Calculating key remote sensing indices such as NDVI, and applying towards change detection and area calculation • Tracking change over time using time series charts
2pm-4pm	Train the Trainer Session

Chennai Itinerary

November 2, 2022, 9am-5pm

Time	Itinerary
9am-12pm	<ul style="list-style-type: none">● General introduction to remote sensing and the Google Earth Engine platform● Introduction to image acquisition and visualization using Landsat data● Creating image mosaics and composites● Visualization of feature collections● Importing and exporting data
12pm-1pm	Lunch
1pm-2pm	<ul style="list-style-type: none">● Calculating key remote sensing indices such as NDVI, and applying towards change detection and area calculation● Tracking change over time using time series charts
2pm-4pm	Train the Trainer Session

- The Selected Participants need to carry their Laptops for the Workshop.