

```
In [ ]: !pip install geemap
        !pip install earthengine-api --upgrade
        !pip install os

        import geemap
        import ee
        import os
```

```
In [ ]: ee.Authenticate()
```

```
In [ ]: ee.Initialize()
```

```
In [ ]: m = geemap.Map(center=[41.2353, 28.7198], zoom=11)
        m
```

```
In [ ]: region = m.draw_last_feature
        region_g = region.geometry()
```

```
In [ ]: output = r"C:\Users\deniz\OneDrive\Masaüstü\strs\Output"
        out_dir = os.path.join(os.path.expanduser("~"), output)
        label = 'ISTANBUL HAVALIMANI'
        m.add_landsat_ts_gif(label=label, start_year=1985, bands=['Red', 'Green', 'Blue'], font_color='white', frames_per_second=5, progress_bar_color='blue')
```

```
In [ ]: landsat_ts = geemap.landsat_timeseries(roi=roi, start_year=1984, end_year=2019, start_date='01-01', end_date='12-31')
        layer_names = ['Landsat ' + str(year) for year in range(1984, 2020)]
        landsat_vis = {
            'min': 0,
            'max': 4000,
            'gamma': [1, 1, 1],
            'bands': ['Red', 'Green', 'Blue']}
```

```
In [ ]: m01 = geemap.Map()
        m01.ts_inspector(left_ts=landsat_ts, right_ts=landsat_ts, left_names=layer_names, right_names=layer_names, left_vis=landsat_vis, right_vis=landsat_vis)
        m01.centerObject(roi, zoom=8)
        m01
```

```
In [ ]:
```