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

           import geemap
           import ee
           import os
```

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

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

```
In [ ]:    m = geemap.Map(center=[38.55, 26.48], zoom=11)
           m

           #SELECT REGION
```

```
In [ ]:    region = m.draw_last_feature
           roi = region.geometry()
           landsat_time_series = geemap.landsat_timeseries(roi=roi,
                                               start_year=1990,
                                               end_year=2019,
                                               start_date='01-01',
                                               end_date='12-31')

           landsat_rgb = {'min': 0,'max': 4000,
                          'gamma': [1, 1, 1],
                          'bands': ['Red', 'Green', 'Blue']}

           layers = ['Landsat ' + str(year) for year in range(1990, 2020)]

           for i in range(len(layers)):
               print(layers[i])
```

```
In [ ]:    m_comp = geemap.Map(center=[38.60, 26.52], zoom=11)
           m_comp.ts_inspector(left_ts=landsat_time_series,
                               right_ts=landsat_time_series,
                               left_names=layers,
                               right_names=layers,
                               left_vis=landsat_rgb,
                               right_vis=landsat_rgb)
           m_comp.centerObject(roi, zoom=10)
           m_comp
```

```
In [ ]:    output = r"D:\Desktop\RS_personal\output"
           out_dir = os.path.join(os.path.expanduser("~"), output)
           label = 'Karaburun Peninsula'
           m.add_landsat_ts_gif(label=label, start_year=1985, bands=['Red', 'Green', 'Blue'], font
```

```
In [ ]:
```