

Link to the code in Google Earth Engine:

<https://code.earthengine.google.com/a6f49e992043ce05b51b2792469af247>

```
var Dubai =  
  /* color: #d63000 */  
  /* shown: false */  
  /* displayProperties: [  
    {  
      "type": "rectangle"  
    }  
  ] */  
  ee.Geometry.Polygon(  
    [[ [55.25107984413207, 25.218326927334207],  
      [55.25107984413207, 25.160541442818463],  
      [55.38291578163207, 25.160541442818463],  
      [55.38291578163207, 25.218326927334207] ] ], null, false);
```

```
// import the satellite data from the European Space Agency
```

```
var S2 = ee.ImageCollection("COPERNICUS/S2");
```

```
//filter for Dubai
```

```
S2 = S2.filterBounds(Dubai);
```

```
print(S2);
```

```
//filter for date
```

```
S2 = S2.filterDate("2020-01-01", "2020-05-11");
```

```
print(S2);
```

```
// Visualize the first image - True colour composite
```

```
var image = ee.Image(S2.first());
```

```
Map.addLayer(image,{min:0,max:3000,bands:"B4,B3,B2"}, "Dubai");
```

```
// Visualize the first image - False colour composite
```

```
Map.addLayer(image,{min:0,max:3000,bands:"B8,B4,B3"}, "Dubai");
```