

Multi-season dataset

Number of domains: 4 (summer, spring, winter, fall)

Number of classes: 7

IGBP simplified classes are used in the dataset

Name of classes

- Forest
- Shrubland
- Savanna
- Grassland
- Cropland
- Urban built-up
- Water

Number of images per class per domain = 1000

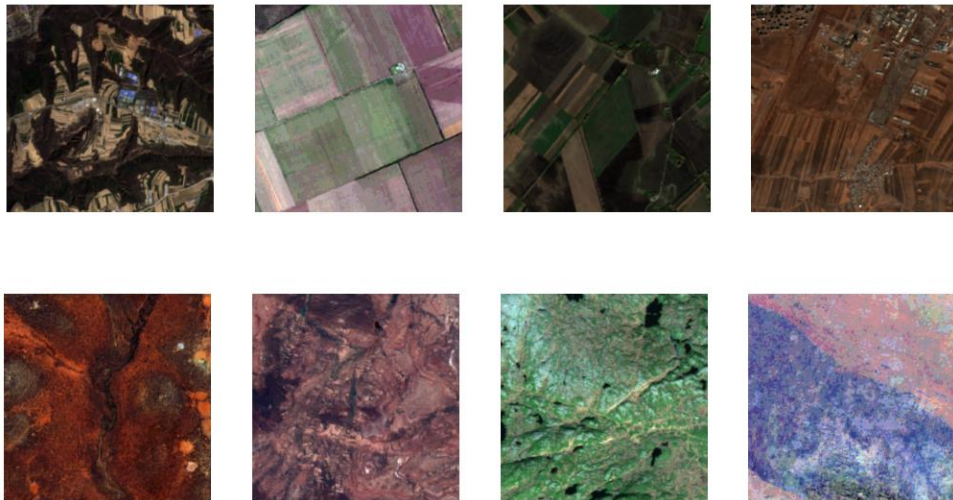


Figure1. Sample images from sen12SeasonVariation. From the left to right are images taken during spring, summer, fall and winter. Each row are images from the same class.

Multi-place dataset

Number of domains: 3 (Sydney, Moscow, Mumbai)

Number of classes: 6

Name of classes

Number of images per class per domain = 800

Name of classes

- Compact mid-rise/low-rise
- Open high-rise/mid-rise/low-rise
- Large low-rise
- Sparsely built
- Trees
- Bush and low plants

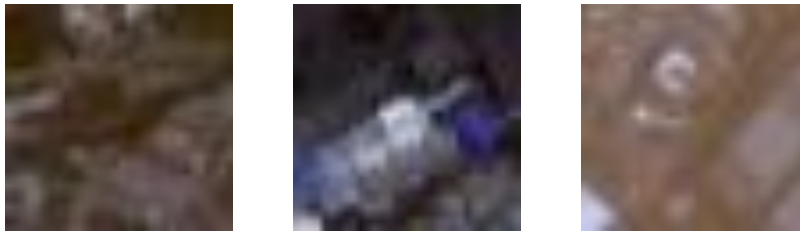


Figure 3. Sample images from Moscow, Sydney, Mumbai (from left to right). All images are of the same class. Due to the low resolution, it's hard for human interpretation, but apparent color/brightness shifts still could be noticed.