Street-view image RGB

Aerial image RGB

Sentinel-2 data 12 bands

Encoder

Encoder

Encoder

Features: 512 (or 2048)

Features: 512 (or 2048)

Features

Concat

FC

Output class
Construction epoch
7 classes

Flowchart of the deep learning based model we use - End-to-end method
*FC = Fully Connected layers