

Hyperparameters:

Learning rate: 0.0001 with linearly reduced to zero, multiplied by 0.1 every time the IoU loss does not improve after four epochs.

Epoch: 1000 (dependent on the learning rate).

Batch size: 12.

Padded size: 320 by 320.

Pseudo-label selection threshold: depending on the selection proportion.

Training dataset: Horizontal and vertical flips are performed with a probability of 0.5 in both directions.

Test dataset: no padding during testing.

Implementation details:

Dataset is available at <https://data.mendeley.com/datasets/x8brgg2j28/2>.

This work is developed based on the code shared by [A Comparative Study of Fourier Transform and CycleGAN as Domain Adaptation Techniques for Weed Segmentation - Code and Data - Mendeley Data](#).