Forest to agri.	Agri. to forest	Agri. to built-up
conv-128	conv-128	conv-256
spatial weight		
max pooling		
conv-256	conv-256	conv-512
spatial weight		
max pooling		
conv-512	conv-512	conv-1024
spatial weight		
conv-1024	conv-1024	conv-2048
spatial weight		
global average pooling		
dense-1036	dense-1036	dense-2048
dense-400	dense-400	dense-800
dense-80	dense-80	dense-300
dense-7	dense-7	dense-120
		dense-60
Sigmoid		

Notes:
1. Conv-N denotes a convolutional block composing of a convolutional layer with 3×3 filter size and N of filters, a Batchnorm layer and a ReLU layer.
2. Max pooling layer has a kernel size of 3×3 and a stride of 3.
3. Dense-N denotes fully connected (dense) layer with N of hidden units.
4. Input image tensor has the shape of $(7 \times 26 \times 26)$.