3. Results and Discussion

3-3. Discussion

To compare the accuracy of SpaceNet model and our trained Model

IoU was calculated for accuracy verification using 1388 test images that were not used for training.

Accuracy equal to or better than existing datasets.

\[
\text{IoU} = \frac{TP}{TP + FN + FP}
\]

<table>
<thead>
<tr>
<th>Model trained by SpaceNet</th>
<th>Model trained by datasets generated automatically</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.802</td>
<td>0.822</td>
</tr>
</tbody>
</table>