
Division for LoveDA dataset

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Domain	Geo-location	#Images	Train	Val	Test
Rural	Pukou	320	✓		
	Gaochun	336	✓		
	Lishui	336	✓		
	Liuhe	320		✓	
	Jiangning	336			✓
Urban	Qixia	320	✓		
	Jianye	357	✓		
	Gulou & Xuanwu	320	✓		
	Yuhuatai	357		✓	
	Qinhuai	336			✓
Total		3338	1989	677	672

Table 1: The division of the LoveDA dataset

1 Land-cover Semantic Segmentation

Train set: Pukou, Gaochun, Lishui, Qixia, Jianye, Gulou & Xuanwu.

Val set: Liuhe, Yuhuatai.

Test set: Jiangning, Qinhuai.

2 Unsupervised Domain Adaptation

2.1 Urban \rightarrow Rural

Oracle settings

Train set: Pukou, Gaochun, Lishui.

Val set: Liuhe.

Test set: Jiangning.

Domain Adaptation settings

Train set: Qixia, Jianye, Gulou & Xuanwu.

Val set: Liuhe.

Test set: Jiangning.

2.2 Rural \rightarrow Urban

Oracle settings

Train set: Qixia, Jianye, Gulou & Xuanwu.

Val set: Yuhuatai.

Test set: Qinhuai.

Domain Adaptation settings

Train set: Pukou, Gaochun, Lishui.

Val set: Yuhuatai.

Test set: Qinhuai.