

Table S1. Confusion matrix for the testing dataset using our proposed TCNet.

Predicted Class	Ground Truth					Precision:
	Sea Area	Land Area	RCA	CCA	Sum	
Sea Area	38165752	221167	256479	23888	38667286	0.99
Land Area	304240	34867853	15698	1488	35189279	0.99
RCA	413943	23644	5103005	202	5540794	0.92
CCA	40703	631	0	1039515	1080849	0.96
Sum	38924638	35113295	5375182	1065093		
Recall:	0.98	0.99	0.95	0.98		
F1:	0.98	0.99	0.93	0.97		
IoU:	0.97	0.98	0.88	0.94		

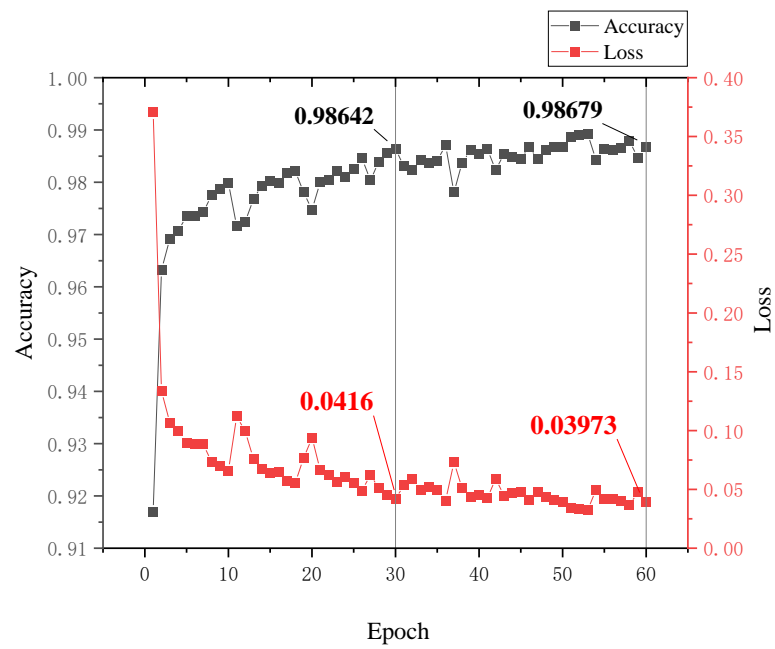


Figure S1. Loss and accuracy curves of TCNet for the training process.