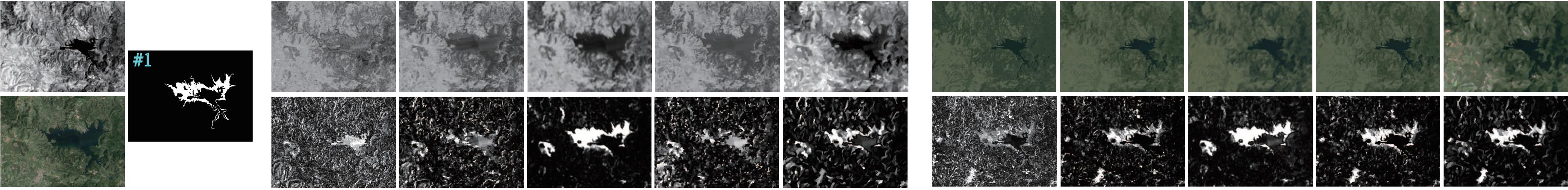
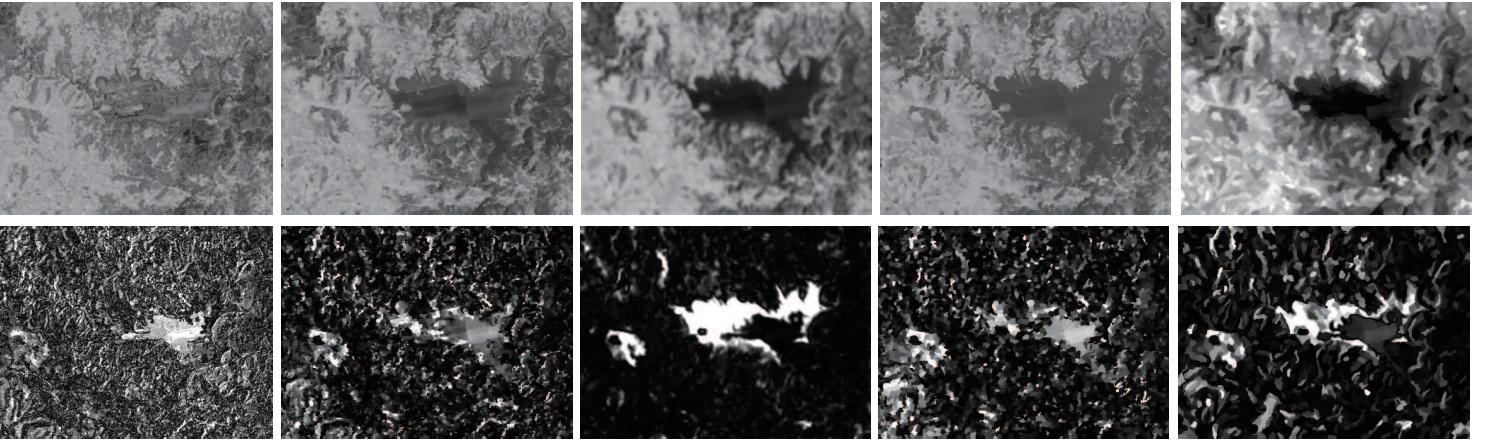


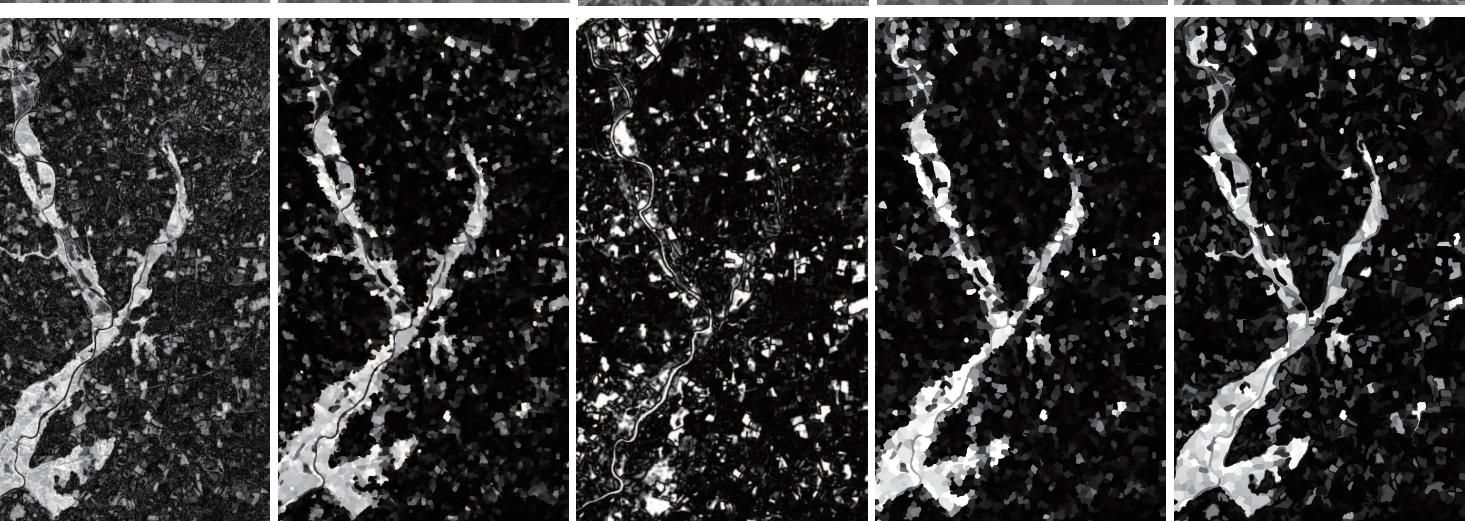
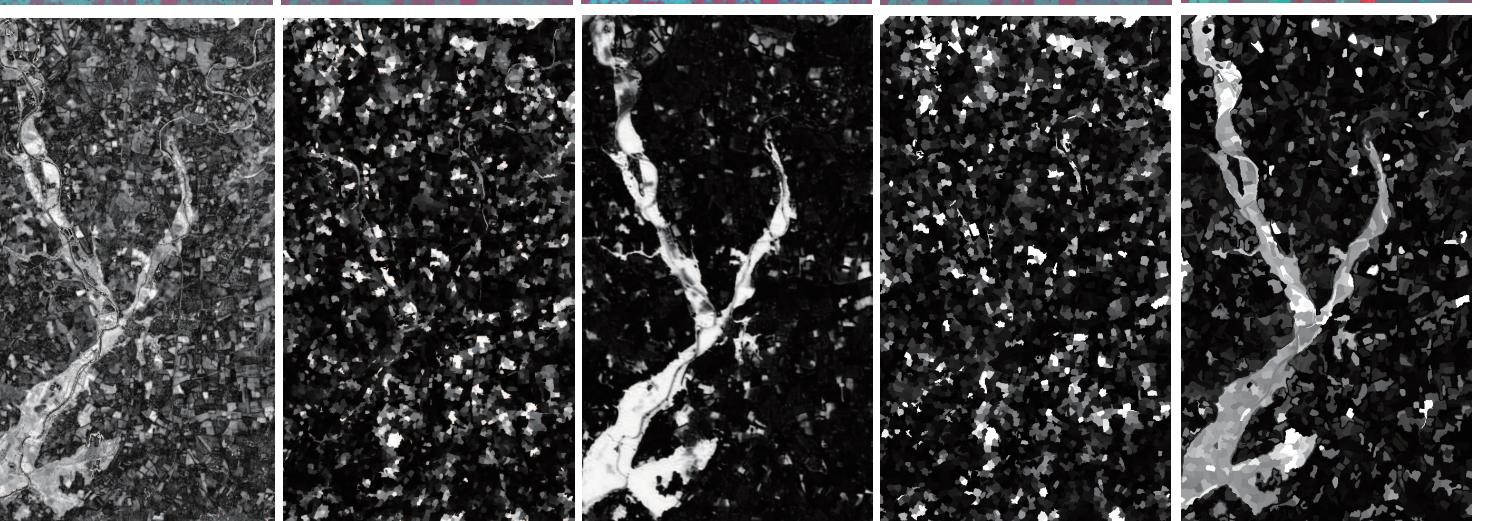
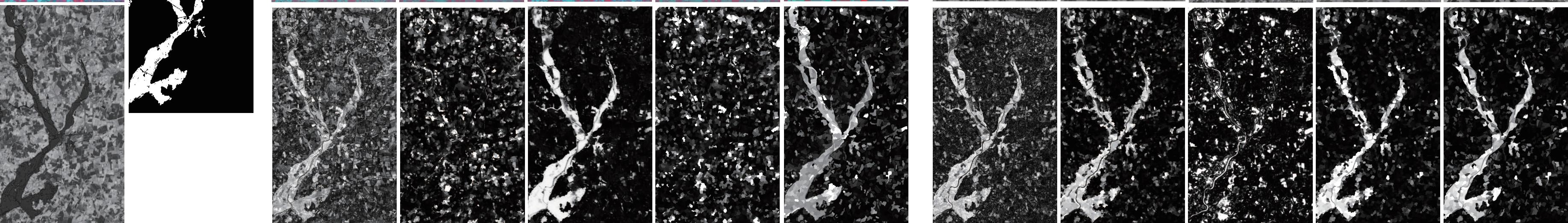
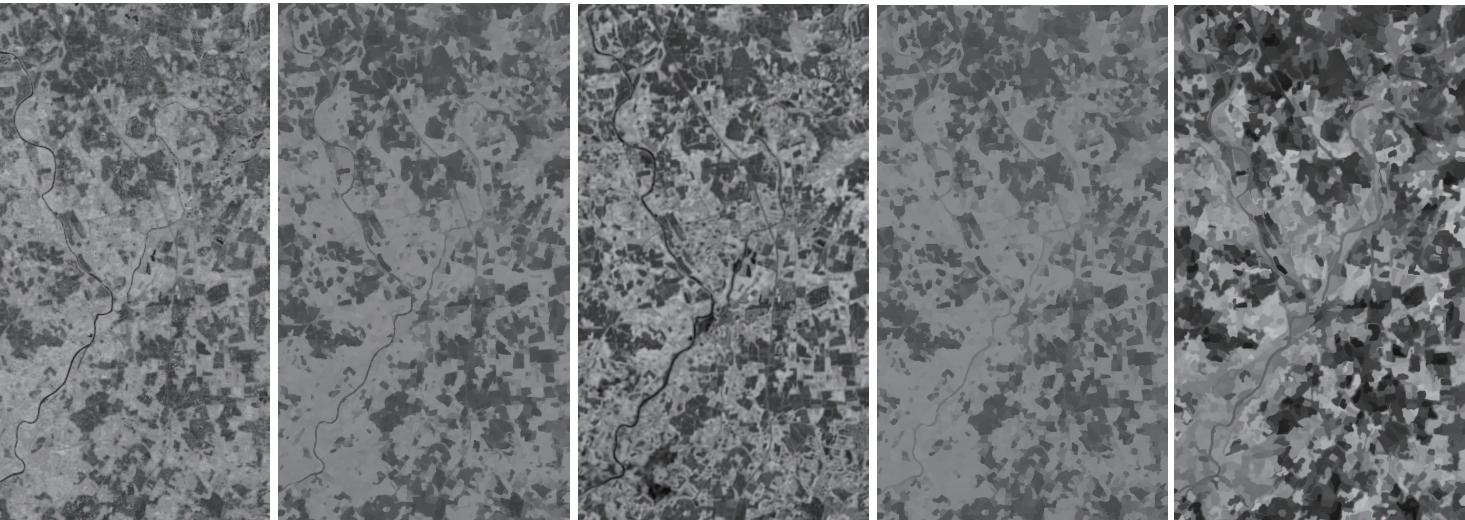
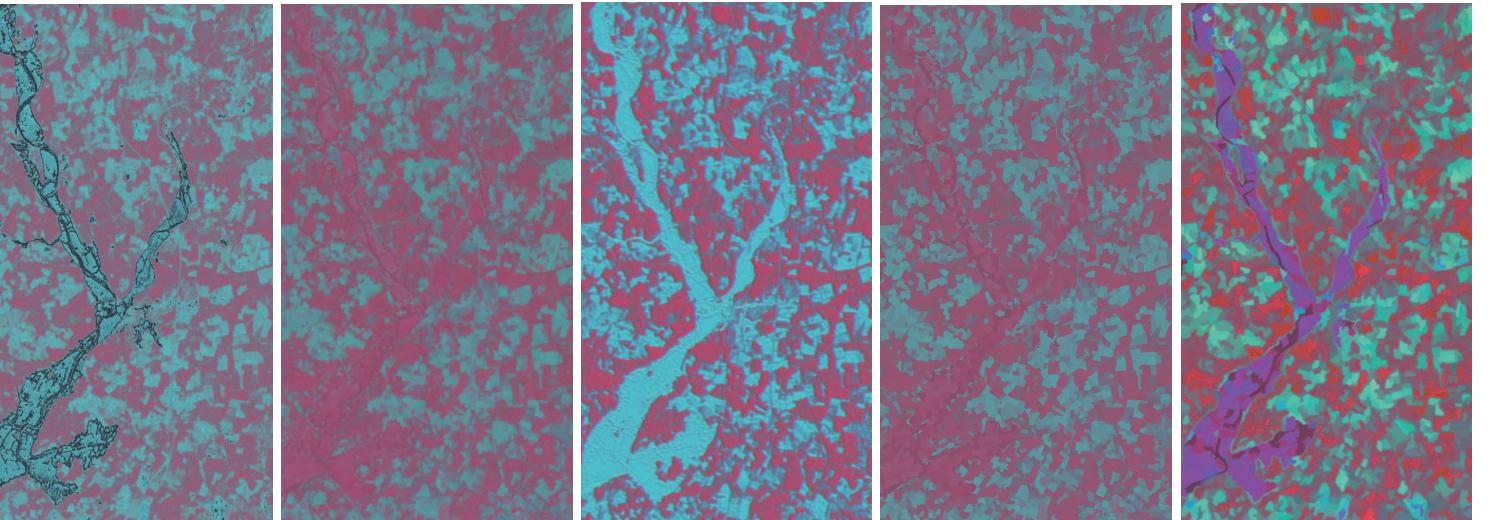
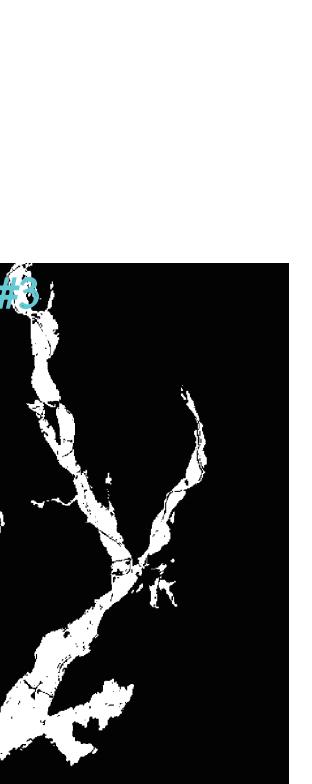
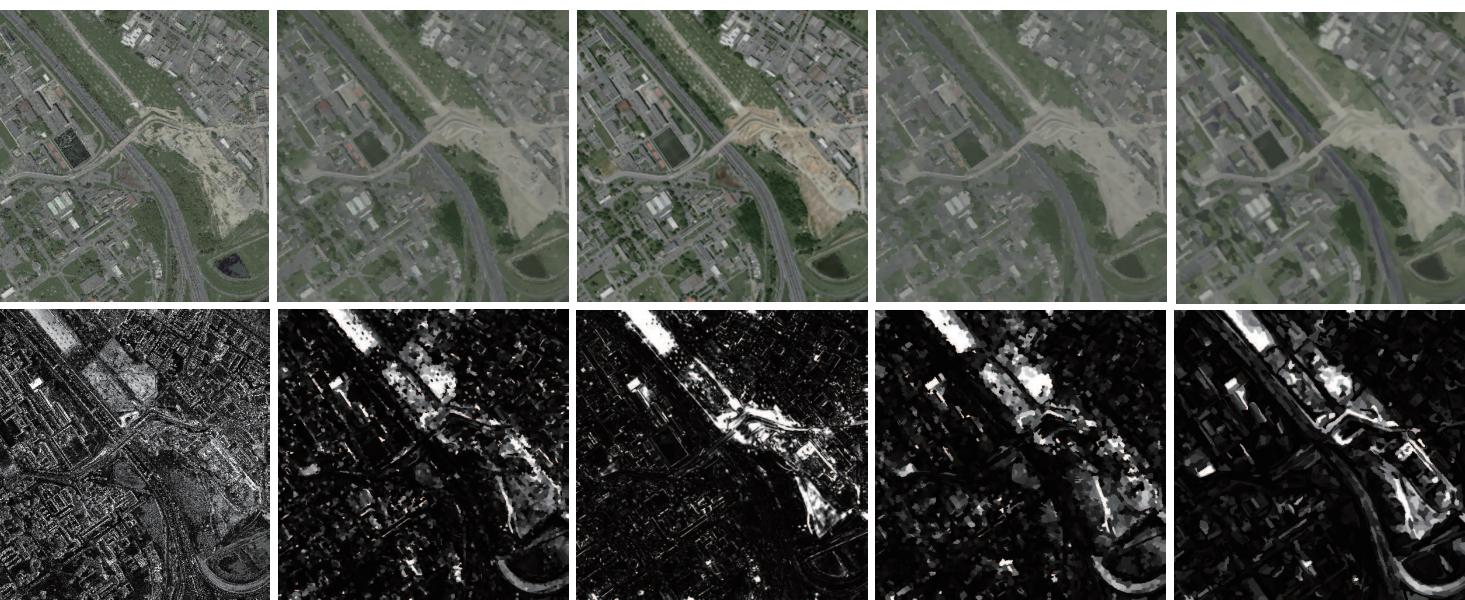
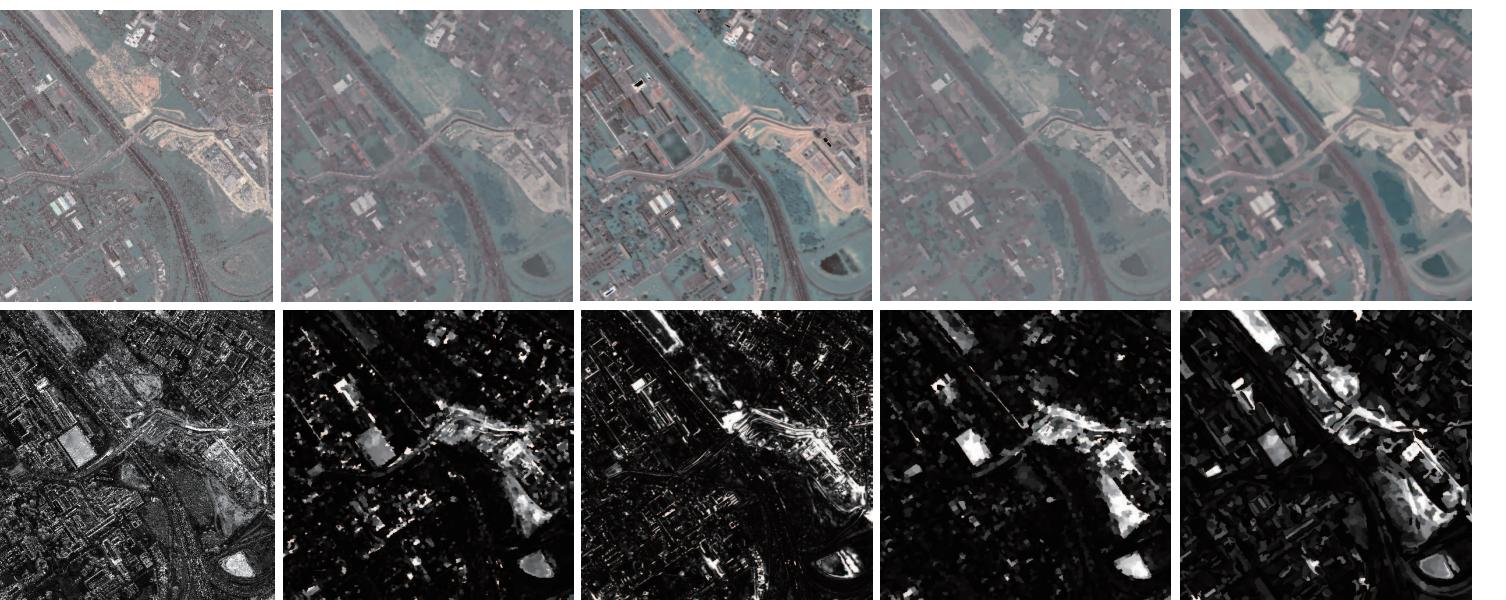
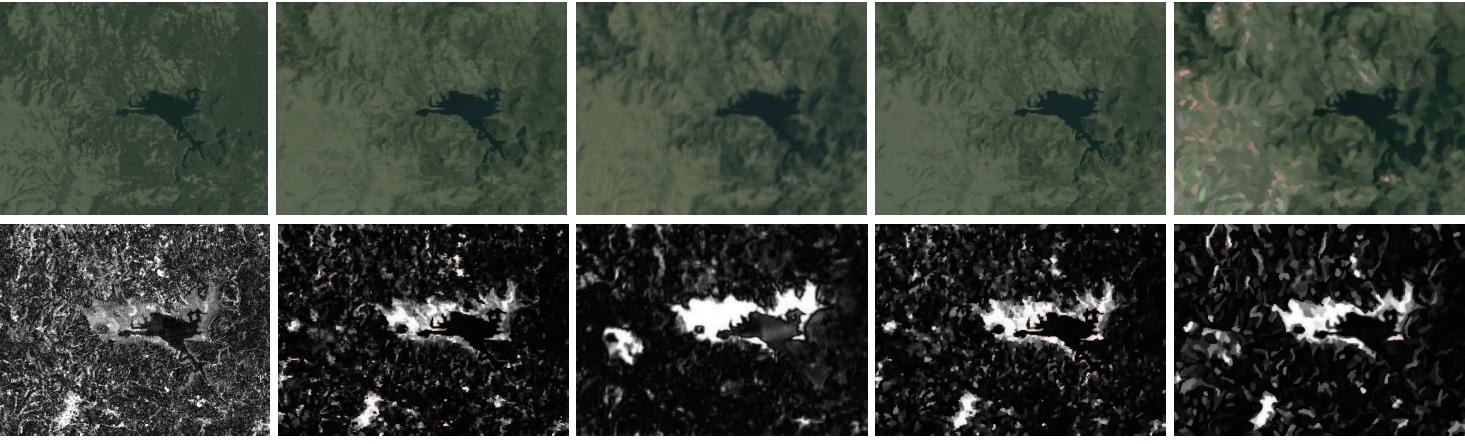
Dataset:  $\widetilde{X} / \widetilde{Y}$



Backward Transformation:  $\widetilde{X}' / DI^x$



Forward Transformation:  $\widetilde{Y}' / DI^y$



(a)  $\widetilde{X} / \widetilde{Y}$   
original

(b) ground truth

(c)  $\widetilde{X}' / DI^x$   
AMD-IR

(d)  $\widetilde{X}' / DI^x$   
SCASC

(e)  $\widetilde{X}' / DI^x$   
CGAN

(f)  $\widetilde{X}' / DI^x$   
AGSCC

(g)  $\widetilde{X}' / DI^x$   
SDIR

(h)  $\widetilde{Y}' / DI^y$   
AMD-IR

(i)  $\widetilde{Y}' / DI^y$   
SCASC

(j)  $\widetilde{Y}' / DI^y$   
CGAN

(k)  $\widetilde{Y}' / DI^y$   
AGSCC

(l)  $\widetilde{Y}' / DI^y$   
SDIR