



Appling One-class Classification Method of Maxent to Detect an Invasive Plant *Spartina Alterniflora* with Time-series Analysis

Supplementary material:







Figure S2. Classification map for the middle coast of Jiangsu that was constructed using random forest algorithm. (a) Overview of the study area in the Landsat OLI image (R:5, G:4, B: 3) on December 29, 2014; (b) the initial land cover classification map that was constructed using random forest algorithm; (c) the final land cover classification map.

Accuracy	S. alterniflora	P. australis	S. salsa	Pools	Roads	Mudflat	Culture pond	Tidal channel
							and farmland	and river
PA(%)	96.15	92.25	80.20	93.60	88.75	97.43	100.00	88.83
UA(%)	95.99	98.14	71.20	100.00	93.89	99.06	97.05	53.89
Overall accuracy (%): 93.81; Kappa: 0.9194								

Table S1. Classification accuracy assessment for the Google earth image