

Supplementary Materials: Confusion Matrix

XGB		Reference					A_m [ha]	W_h	User's Accuracy
Map	Class	Once/year	Twice/year	Three times/year	Four times/year	Total			
	Once/year	7	2	1	0	10	3,701	0,003	0,7
	Twice/year	0	40	1	0	41	654,059	0,544	0,98
	Three times/year	0	2	26	0	28	536,376	0,446	0,93
	Four times/year	0	0	6	9	15	7,541	0,006	0,6
Total		7	44	34	9	94	1201,678	1	
Map	Class	Once/year	Twice/year	Three times/year	Four times/year	Total	A_m [ha]	W_h	
	Once/year	0,002	0,001	0,0003	0	0,003	0,003	2,497E-06	
	Twice/year	0	0,531	0,013	0	0,544	0,012	1,024E-05	
	Three times/year	0	0,032	0,414	0	0,446	0,008	6,990E-06	
	Four times/year	0	0	0,003	0,004	0,006	0,005	3,745E-06	
Total		0,002	0,564	0,431	0,004	1	0,028	2,347E-05	
Producer's Accuracy		1	0,94	0,96	1				
Overall Accuracy		0,95							
Area estimates		2,591	677,159	517,403	4,525				

RF

Map	Class	Reference				Total	A_m [ha]	W_h	User's Accuracy
		Once/year	Twice/year	Three times/year	Four times/year				
Map	Once/year	7	3	0	0	10	0,144	0,0001	0,7
	Twice/year	0	41	0	0	41	653,157	0,558	1
	Three times/year	0	5	23	0	28	516,437	0,441	0,82
	Four times/year	0	0	6	9	15	0,261	0,0002	0,6
	Total	7	49	29	9	94	1169,999		

Map	Class	Reference				Total	A_m [ha]	W_h
		Once/year	Twice/year	Three times/year	Four times/year			
	Once/year	8,59E-05	3,68E-05	0	0	0,0001	0,003	2,56411E-06
	Twice/year	0	0,558	0	0	0,558	0,012	1,05128E-05
	Three times/year	0	0,079	0,363	0	0,441	0,008	7,17949E-06
	Four times/year	0	0	8,92E-05	0,00013	0,000	0,005	3,84616E-06
	Total	8,59E-05	0,637	0,363	0,00013	1	0,028	2,41026E-05
Producer's Accuracy		1	0,88	0,9998	1			
Overall Accuracy		0,92						
Area estimates		0,1005	745,421	424,321	0,157			

TWDTW

Map	Class	Reference				Total	A_m [ha]	W_h	User's Accuracy
		Once/year	Twice/year	Three times/year	Four times/year				
Map	Once/year	7	3	0	0	10	370,594	0,231	0,7
	Twice/year	0	36	5	0	41	244,664	0,153	0,88
	Three times/year	0	3	25	0	28	771,670	0,481	0,89
	Four times/year	0	0	6	9	15	215,755	0,135	0,6
	Total	7	42	36	9	94	1602,683		

Map	Class	Reference					A_m [ha]	W_h
		Once/year	Twice/year	Three times/year	Four times/year	Total		
	Once/year	0,162	0,069	0	0	0,231	0,003	1,87186E-06
	Twice/year	0	0,134	0,019	0	0,153	0,0123	7,67463E-06
	Three times/year	0	0,052	0,430	0	0,481	0,0084	5,24121E-06
	Four times/year	0	0	0,054	0,081	0,135	0,0045	2,80779E-06
	Total	0,162	0,254999699	0,502	0,081	1	0,0282	1,75955E-05
	Producer's Accuracy	1	0,526	0,855751096	1			
	Overall Accuracy	0,81						
	Area estimates	259,416	408,684	805,130	129,453			

ET									
Map	Class	Reference					A_m [ha]	W_h	User's Accuracy
		Once/year	Twice/year	Three times/year	Four times/year	Total			
	Once/year	7	3	0	0	10	0,095	8,10E-05	0,7
	Twice/year	0	39	2	0	41	825,199	0,701	0,95
	Three times/year	0	9	19	0	28	350,956	0,298	0,68
	Four times/year	0	0	6	9	15	0,142	0,000	0,6
	Total	7	51	27	9	94	1176,392		
Map	Class	Reference					A_m [ha]	W_h	
		Once/year	Twice/year	Three times/year	Four times/year	Total			
	Once/year	5,67095E-05	2,43041E-05	0	0	8,10136E-05	0,003	2,55017E-06	
	Twice/year	0	0,667	0,034	0	0,701	0,0123	1,04557E-05	
	Three times/year	0	0,096	0,202	0	0,298	0,0084	7,14048E-06	
	Four times/year	0	0	4,83445E-05	7,25168E-05	0,0001	0,0045	3,82526E-06	
	Total	5,67095E-05	0,763	0,237	7,25168E-05	1	0,0282	2,39716E-05	
	Producer's Accuracy	1	0,87	0,86	1				
	Overall Accuracy	0,87							
	Area estimates	0,067	897,781	278,459	0,085				