Tables S7a to S7k. Results of Scenario_2 (Experiment_7) presenting the overall accuracy and kappa values obtained from the cross-validation between the Filtered Reference Models (FRMs) and Ground Truth (GT). The results of each filter are handled using the following Filter Radii (FR) used:

a, FC0001

			Prediction				User accuracy
			Type Value	Dolines 1	Water 2	Total	
GT	Type	Value	Pixel	27	4,426,789	4,426,816	
	Dolines	100	1,471,832	27	0	27	1
	Water	200	2,954,984	1,471,805	2,954,984	4,426,789	0.667
	Total		4,426,816	1,471,832	2,954,984	4,426,816	
Producer accuracy				1.83 E-5	1		
Global Accuracy					0.667		
Coincidence between pixels and reality			Kappa		245 E-5		

b, FC1

			Prediction				User accuracy
			Type Value	Dolines 1	Water 2	Total	
GT	Type	Value	Pixel	179,733	4,247,083	4,426,816	
	Dolines	100	1,471,832	166,903	12,830	179,733	0.929
	Water	200	2,954,984	1,304,929	2,942,154	4,247,083	0.693
	Total		4,426,816	1,471,832	2,954,984	4,426,816	
Producer accuracy				0.113	0.996		
Global Accuracy					0.702		
Coincidence between pixels and reality			Kappa		0.140		

c, FC5

			Prediction				User accuracy
			Type Value	Dolines 1	Water 2	Total	
GT	Type	Value	Pixel	694,363	3,732,453	4,426,816	
	Dolines	100	1,471,832	486,465	207,898	694,363	0.701
	Water	200	2,954,984	985,367	2,747,086	3,732,453	0.736
	Total		4,426,816	1,471,832	2,954,984	4,426,816	
Producer accuracy				0.330	0.930		
Global Accuracy					0.730		
Coincidence between pixels and reality			Kappa		0.300		

d, FC7

			Prediction				User accuracy
			Type Value	Dolines 1	Water 2	Total	
GT	Type	Value	Pixel	610,127	861,705	4,426,816	
	Dolines	100	1,471,832	610,127	252,154	862,281	0.707
Mapping	Water	200	2,954,984	861,705	2,702,830	3,564,535	0.758
	Total		4,426,816	1,471,832	2,954,984	4,426,816	
Producer accuracy				0.414	0.915		
Global Accuracy					0.748		
Coincidence between pixels and reality			Kappa		0.367		

e, FC12

			Prediction				User accuracy
			Type Value	Dolines 1	Water 2	Total	
GT	Type	Value	Pixel	1,139,016	3,287,800	4,426,816	
	Dolines	100	1,471,832	835,475	303,541	1,139,016	0.733
	Water	200	2,954,984	636,357	2,651,443	3,287,800	0.806
	Total		4,426,816	1,471,832	2,954,984	4,426,816	
Producer accuracy				0.568	0.897		
Global Accuracy					0.788		
Coincidence between pixels and reality			Kappa		0.493		

f, FC21

			Prediction				User accuracy
			Type Value	Dolines 1	Water 2	Total	
GT	Type	Value	Pixel	1,309,241	3,117,575	4,426,816	
	Dolines	100	1,471,832	999,532	309,709	1,309,241	0.763
	Water	200	2,954,984	472,300	2,645,275	3,117,575	0.858
	Total		4,426,816	1,471,832	2,954,984	4,426,816	
Producer accuracy				0.679	0.895		
Global Accuracy					0.823		
Coincidence between pixels and reality			Kappa		0.591		

g, FC24

			Prediction				User accuracy
			Type Value	Dolines 1	Water 2	Total	
GT	Type	Value	Pixel	1,358,790	3,068,026	4,426,816	
	Dolines	100	1,471,832	1025512	333278	1358790	0.755
	Water	200	2,954,984	446320	2621706	3068026	0.854
	Total		4,426,816	1,471,832	2,954,984	4,426,816	
Producer accuracy				0.697	0.887		
Global Accuracy					0.824		
Coincidence between pixels and reality			Kappa		0.595		

h, FC28

			Prediction				User accuracy
			Type Value	Dolines 1	Water 2	Total	
GT	Type	Value	Pixel	1,413,528	3,013,288	4,426,816	
	Dolines	100	1,471,832	1,054,392	359,136	1,413,528	0.746
	Water	200	2,954,984	417,440	2,595,848	3,013,288	0.861
	Total		4,426,816	1,471,832	2,954,984	4,426,816	
Producer accuracy				0.716	0.878		
Global Accuracy					0.824		
Coincidence between pixels and reality			Kappa		0.601		

i, FC40

			Prediction				User accuracy
			Type Value	Dolines 1	Water 2	Total	
GT	Type	Value	Pixel	1,521,461	2,905,355	4,426,816	
	Dolines	100	1,471,832	1133996	387465	1521461	0.745
	Water	200	2,954,984	337836	2567519	2905355	0.884
	Total		4,426,816	1,471,832	2,954,984	4,426,816	
Producer accuracy				0.770	0.869		
Global Accuracy					0.836		
Coincidence between pixels and reality			Kappa		0.634		

j, FC60

			Prediction				User accuracy
			Type Value	Dolines 1	Water 2	Total	
GT	Type	Value	Pixel	1,599,155	2,827,661	4,426,816	
	Dolines	100	1,471,832	1,191,531	407,624	1,599,155	0.745
	Water	200	2,954,984	280,301	2,547,360	2,827,661	0.901
	Total		4,426,816	1,471,832	2,954,984	4,426,816	
Producer accuracy				0.809	0.862		
Global Accuracy					0.845		
Coincidence between pixels and reality			Kappa		0.657		

k, FC91

			Prediction				User accuracy
			Type Value	Dolines 1	Water 2	Total	
GT	Type	Value	Pixel	1,674,171	2,752,645	4,426,816	
	Dolines	100	1,471,832	1,208,658	465,513	1,674,171	0.722
	Water	200	2,954,984	263,174	2,489,471	2,752,645	0.904
	Total		4,426,816	1,471,832	2,954,984	4,426,816	
Producer accuracy				0.821	0.842		
Global Accuracy					0.835		
Coincidence between pixels and reality			Kappa		0.641		