

		0.0004%	0.0081%	-0.0048%	-0.0045%	0.0022%	0.0003%	-0.0111%	-0.0609%	0.0022%	-0.0100%	-0.0111%	-0.0609%
Nat. Surf.	0.2148%	0.2133%	0.2087%	0.2170%	0.1366%	0.2054%	0.1748%	0.1398%	0.0613%	0.2054%	0.1792%	0.1478%	0.0920%
		-0.0015%	-0.0061%	0.0022%	-0.0782%	-0.0094%	-0.0400%	-0.0750%	-0.1535%	-0.0094%	-0.0356%	-0.0670%	-0.1228%
Nat. Terr. Veg.	93.5380%	93.5226%	93.5387%	93.5362%	93.7329%	93.4771%	93.4935%	93.6691%	94.2349%	93.4771%	93.4391%	93.6372%	94.0356%
		-0.0154%	0.0007%	-0.0018%	0.1949%	-0.0609%	-0.0445%	0.1311%	0.6969%	-0.0609%	-0.0989%	0.0992%	0.4976%
Nat. Wat.	0.0341%	0.0354%	0.0292%	0.0468%	0.0171%	0.0333%	0.0367%	0.0240%	0.0153%	0.0333%	0.0367%	0.0280%	0.0153%
		0.0013%	-0.0050%	0.0127%	-0.0170%	-0.0009%	0.0026%	-0.0101%	-0.0188%	-0.0009%	0.0026%	-0.0062%	-0.0188%

Table S3. Percentage of each category in Curonian Lagoon at original and generalized resolutions (applying the three generalization methods used). For generalized resolutions percentage points of variation regarding original resolution are also shown for each category in its second row.

Curonian Lagoon	Original 10 m	 Nearest Neighbor				 Mode				 Incremental Mode			
		20 m	60 m	100 m	200 m	20 m	60 m	100 m	200 m	20 m	60 m	100 m	200 m
Art. Surf.	0.4830%	0.4815%	0.4851%	0.4646%	0.4762%	0.4414%	0.3098%	0.2971%	0.2712%	0.4414%	0.3156%	0.3068%	0.3097%
		-0.0015%	0.0021%	-0.0184%	-0.0068%	-0.0416%	-0.1732%	-0.1859%	-0.2118%	-0.0416%	-0.1674%	-0.1762%	-0.1732%
Cult. Aqu. Veg.	0.5517%	0.5521%	0.5532%	0.5512%	0.5485%	0.5517%	0.5474%	0.5422%	0.5261%	0.5517%	0.5478%	0.5430%	0.5335%
		0.0004%	0.0014%	-0.0005%	-0.0032%	0.0000%	-0.0043%	-0.0095%	-0.0256%	0.0000%	-0.0039%	-0.0087%	-0.0182%
Cult. Terr. Veg.	13.2134%	13.2094%	13.1987%	13.2210%	13.2369%	13.2415%	13.3872%	13.4479%	13.6497%	13.2415%	13.3756%	13.4617%	13.6038%
		-0.0041%	-0.0148%	0.0075%	0.0234%	0.0281%	0.1738%	0.2344%	0.4363%	0.0281%	0.1622%	0.2482%	0.3903%
Nat. Aqu. Veg.	2.0751%	2.0740%	2.0728%	2.0746%	2.0796%	2.0757%	2.0753%	2.0751%	2.0823%	2.0757%	2.0781%	2.0829%	2.0793%
		-0.0011%	-0.0023%	-0.0005%	0.0045%	0.0006%	0.0002%	0.0000%	0.0072%	0.0006%	0.0030%	0.0078%	0.0042%
Nat. Surf.	1.4817%	1.4827%	1.4997%	1.4830%	1.5235%	1.4671%	1.4304%	1.4088%	1.3798%	1.4671%	1.4462%	1.4092%	1.3872%
		0.0009%	0.0180%	0.0013%	0.0418%	-0.0146%	-0.0513%	-0.0729%	-0.1019%	-0.0146%	-0.0355%	-0.0726%	-0.0945%
Nat. Terr. Veg.	16.7076%	16.7067%	16.7043%	16.6979%	16.7043%	16.7413%	16.8466%	16.9187%	17.0051%	16.7413%	16.8331%	16.8895%	16.9710%
		-0.0009%	-0.0033%	-0.0097%	-0.0033%	0.0337%	0.1389%	0.2110%	0.2974%	0.0337%	0.1254%	0.1819%	0.2634%
Nat. Wat.	65.4874%	65.4938%	65.4863%	65.5077%	65.4310%	65.4813%	65.4033%	65.3103%	65.0858%	65.4813%	65.4036%	65.3069%	65.1155%
		0.0063%	-0.0012%	0.0203%	-0.0564%	-0.0061%	-0.0841%	-0.1771%	-0.4016%	-0.0061%	-0.0838%	-0.1805%	-0.3720%

Table S4. Percentage of each category in Camargue at original and generalized resolutions (applying the three generalization methods used). For generalized resolutions percentage points of variation regarding original resolution are also shown for each category in its second row.

Camargue	Original 10 m	 Nearest Neighbor				 Mode				 Incremental Mode			
		20 m	60 m	100 m	200 m	20 m	60 m	100 m	200 m	20 m	60 m	100 m	200 m
Art. Surf.	2.7417%	2.7359%	2.7367%	2.7424%	2.7328%	2.7548%	2.6532%	2.4389%	2.1020%	2.7548%	2.6614%	2.4632%	2.2088%
		-0.0058%	-0.0050%	0.0007%	-0.0090%	0.0131%	-0.0886%	-0.3028%	-0.6397%	0.0131%	-0.0804%	-0.2786%	-0.5330%

Cult. Aqu. Veg.	0.0005%	0.0004%	0.0002%	0.0005%	0.0000%	0.0003%	0.0000%	0.0000%	0.0000%	0.0003%	0.0000%	0.0000%	0.0000%
		0.0000%	-0.0003%	0.0001%	-0.0005%	-0.0002%	-0.0005%	-0.0005%	-0.0005%	-0.0002%	-0.0005%	-0.0005%	-0.0005%
Cult. Terr. Veg.	21.1007%	21.0112%	21.0002%	21.0744%	21.2531%	21.1730%	22.9451%	23.8889%	24.8671%	21.1730%	22.7949%	23.7970%	24.4545%
		-0.0895%	-0.1004%	-0.0263%	0.1525%	0.0724%	1.8444%	2.7882%	3.7664%	0.0724%	1.6943%	2.6963%	3.3538%
Nat. Aqu. Veg.	2.0882%	2.0860%	2.0904%	2.0955%	2.0657%	2.0881%	2.0628%	2.0706%	2.0138%	2.0881%	2.0677%	2.0711%	2.0076%
		-0.0022%	0.0022%	0.0074%	-0.0225%	-0.0001%	-0.0253%	-0.0176%	-0.0744%	-0.0001%	-0.0205%	-0.0170%	-0.0806%
Nat. Surf.	10.7094%	10.8257%	10.8438%	10.8068%	10.4904%	10.5929%	8.2935%	7.2015%	6.3020%	10.5929%	8.4921%	7.2919%	6.6756%
		0.1162%	0.1344%	0.0974%	-0.2190%	-0.1165%	-2.4159%	-3.5079%	-4.4075%	-0.1165%	-2.2173%	-3.4176%	-4.0339%
Nat. Terr. Veg.	31.7662%	31.7553%	31.7574%	31.7392%	31.7041%	31.7929%	32.3842%	32.6621%	32.7435%	31.7929%	32.3308%	32.6388%	32.8030%
		-0.0109%	-0.0088%	-0.0269%	-0.0621%	0.0268%	0.6180%	0.8959%	0.9773%	0.0268%	0.5647%	0.8727%	1.0369%
Nat. Wat.	31.5934%	31.5856%	31.5713%	31.5411%	31.7539%	31.5980%	31.6612%	31.7381%	31.9717%	31.5980%	31.6530%	31.7381%	31.8506%
		-0.0078%	-0.0221%	-0.0523%	0.1606%	0.0046%	0.0678%	0.1447%	0.3783%	0.0046%	0.0596%	0.1447%	0.2572%

Table S5. Percentage of each category in Danube Delta at original and generalized resolutions (applying the three generalization methods used). For generalized resolutions percentage points of variation regarding original resolution are also shown for each category in its second row.

Danube Delta	Original 10 m	 Nearest Neighbor				 Mode				 Incremental Mode			
		20 m	60 m	100 m	200 m	20 m	60 m	100 m	200 m	20 m	60 m	100 m	200 m
Art. Surf.	0.1301%	0.1306%	0.1324%	0.1284%	0.1368%	0.1321%	0.0961%	0.0818%	0.0827%	0.1321%	0.1015%	0.0809%	0.0834%
		0.0005%	0.0024%	-0.0017%	0.0067%	0.0020%	-0.0340%	-0.0483%	-0.0474%	0.0020%	-0.0285%	-0.0491%	-0.0467%
Cult. Aqu. Veg.	0.1095%	0.1095%	0.1100%	0.1040%	0.1073%	0.1068%	0.0891%	0.0740%	0.0579%	0.1068%	0.0895%	0.0728%	0.0648%
		0.0000%	0.0005%	-0.0055%	-0.0021%	-0.0026%	-0.0204%	-0.0355%	-0.0516%	-0.0026%	-0.0200%	-0.0367%	-0.0447%
Cult. Terr. Veg.	9.7257%	9.7243%	9.7271%	9.7266%	9.7660%	9.7392%	9.8874%	10.0041%	10.1761%	9.7392%	9.8779%	10.0063%	10.1582%
		-0.0014%	0.0014%	0.0009%	0.0403%	0.0135%	0.1617%	0.2784%	0.4504%	0.0135%	0.1522%	0.2806%	0.4325%
Nat. Aqu. Veg.	40.6600%	40.6517%	40.6483%	40.6626%	40.6227%	40.6226%	40.8752%	41.0850%	41.3877%	40.6226%	40.8327%	41.0570%	41.0770%
		-0.0083%	-0.0117%	0.0027%	-0.0373%	-0.0374%	0.2152%	0.4250%	0.7277%	-0.0374%	0.1728%	0.3971%	0.4170%
Nat. Surf.	2.8739%	2.8744%	2.8695%	2.8541%	2.8391%	2.8906%	2.9125%	2.9041%	2.8333%	2.8906%	2.9190%	2.9146%	2.8719%
		0.0005%	-0.0044%	-0.0198%	-0.0348%	0.0166%	0.0386%	0.0302%	-0.0406%	0.0166%	0.0451%	0.0406%	-0.0020%
Nat. Terr. Veg.	7.5403%	7.5442%	7.5237%	7.5550%	7.5758%	7.5440%	7.4738%	7.3511%	6.8626%	7.5440%	7.4806%	7.3572%	7.1636%
		0.0039%	-0.0165%	0.0147%	0.0355%	0.0038%	-0.0665%	-0.1892%	-0.6777%	0.0038%	-0.0597%	-0.1831%	-0.3766%
Nat. Wat.	38.9606%	38.9653%	38.9890%	38.9693%	38.9523%	38.9647%	38.6660%	38.4999%	38.5998%	38.9647%	38.6988%	38.5112%	38.5812%
		0.0047%	0.0283%	0.0087%	-0.0083%	0.0041%	-0.2946%	-0.4607%	-0.3608%	0.0041%	-0.2618%	-0.4494%	-0.3794%

Table S6. Percentage of each category in Doñana National Park at original and generalized resolutions (applying the three generalization methods used). For generalized resolutions percentage points of variation regarding original resolution are also shown for each category in its second row.

Doñana National Park	Original 10 m	 Nearest Neighbor				 Mode				 Incremental Mode			
		20 m	60 m	100 m	200 m	20 m	60 m	100 m	200 m	20 m	60 m	100 m	200 m
Art. Surf.	3.4035%	3.4004%	3.4001%	3.4071%	3.3865%	3.3861%	3.2052%	3.0588%	2.8581%	3.3861%	3.2157%	3.0753%	2.9248%
		-0.0031%	-0.0034%	0.0036%	-0.0170%	-0.0174%	-0.1983%	-0.3447%	-0.5454%	-0.0174%	-0.1878%	-0.3282%	-0.4787%
Cult. Aqu. Veg.	0.1536%	0.1497%	0.1487%	0.1443%	0.1502%	0.1656%	0.0390%	0.0067%	0.0030%	0.1656%	0.0496%	0.0079%	0.0015%
		-0.0039%	-0.0049%	-0.0092%	-0.0034%	0.0120%	-0.1146%	-0.1468%	-0.1506%	0.0120%	-0.1040%	-0.1457%	-0.1521%
Cult. Terr. Veg.	36.4713%	36.4859%	36.4897%	36.5016%	36.4379%	36.6692%	37.3967%	37.6454%	38.0203%	36.6692%	37.3629%	37.6230%	37.8323%
		0.0146%	0.0184%	0.0303%	-0.0334%	0.1979%	0.9253%	1.1741%	1.5490%	0.1979%	0.8916%	1.1516%	1.3609%
Nat. Aqu. Veg.	5.3590%	5.3587%	5.3588%	5.3635%	5.3709%	5.3261%	5.2739%	5.2379%	5.1520%	5.3261%	5.2727%	5.2341%	5.1535%
		-0.0003%	-0.0002%	0.0045%	0.0119%	-0.0328%	-0.0851%	-0.1211%	-0.2070%	-0.0328%	-0.0863%	-0.1249%	-0.2055%
Nat. Surf.	3.8335%	3.8292%	3.8201%	3.8321%	3.8615%	3.8098%	3.4332%	3.2265%	3.0669%	3.8098%	3.4536%	3.2452%	3.1306%
		-0.0043%	-0.0134%	-0.0014%	0.0280%	-0.0237%	-0.4002%	-0.6070%	-0.7666%	-0.0237%	-0.3799%	-0.5883%	-0.7029%
Nat. Terr. Veg.	40.3555%	40.3580%	40.3626%	40.3184%	40.3561%	40.1634%	40.1530%	40.3190%	40.3809%	40.1634%	40.1284%	40.2842%	40.2535%
		0.0026%	0.0071%	-0.0371%	0.0007%	-0.1920%	-0.2024%	-0.0364%	0.0254%	-0.1920%	-0.2271%	-0.0713%	-0.1019%
Nat. Wat.	10.4237%	10.4180%	10.4200%	10.4330%	10.4369%	10.4798%	10.4989%	10.5057%	10.5188%	10.4798%	10.5172%	10.5304%	10.7039%
		-0.0056%	-0.0037%	0.0093%	0.0132%	0.0561%	0.0752%	0.0820%	0.0951%	0.0561%	0.0935%	0.1067%	0.2802%

Table S7. Percentage of each category in Hardangervidda at original and generalized resolutions (applying the three generalization methods used). For generalized resolutions percentage points of variation regarding original resolution are also shown for each category in its second row.

Hardangervidda	Original 10 m	 Nearest Neighbor				 Mode				 Incremental Mode			
		20 m	60 m	100 m	200 m	20 m	60 m	100 m	200 m	20 m	60 m	100 m	200 m
Art. Surf.	0.0011%	0.0011%	0.0012%	0.0008%	0.0000%	0.0012%	0.0010%	0.0005%	0.0000%	0.0012%	0.0009%	0.0005%	0.0000%
		0.0000%	0.0001%	-0.0003%	-0.0011%	0.0000%	-0.0001%	-0.0006%	-0.0011%	0.0000%	-0.0003%	-0.0006%	-0.0011%
Cult. Terr. Veg.	0.0013%	0.0013%	0.0014%	0.0011%	0.0011%	0.0013%	0.0012%	0.0010%	0.0010%	0.0013%	0.0012%	0.0010%	0.0010%
		0.0000%	0.0001%	-0.0002%	-0.0002%	0.0000%	-0.0001%	-0.0003%	-0.0003%	0.0000%	-0.0001%	-0.0003%	-0.0003%
Nat. Aqu. Veg.	0.7785%	0.7794%	0.7762%	0.7673%	0.7907%	0.8172%	0.8361%	0.7325%	0.4775%	0.8172%	0.8417%	0.7591%	0.6112%
		0.0009%	-0.0023%	-0.0112%	0.0122%	0.0387%	0.0575%	-0.0460%	-0.3010%	0.0387%	0.0631%	-0.0195%	-0.1673%
Nat. Surf.	31.2850%	31.2762%	31.2363%	31.2550%	31.3104%	31.0798%	30.2552%	29.6918%	28.2099%	31.0798%	30.2523%	29.6165%	28.3487%
		-0.0088%	-0.0487%	-0.0299%	0.0254%	-0.2052%	-1.0298%	-1.5932%	-3.0750%	-0.2052%	-1.0327%	-1.6685%	-2.9363%
Nat. Terr. Veg.	58.6793%	58.6785%	58.7166%	58.7020%	58.6738%	58.5300%	58.9403%	59.7257%	61.8194%	58.5300%	58.8947%	59.6656%	61.1981%

		-0.0008%	0.0373%	0.0227%	-0.0055%	-0.1493%	0.2610%	1.0464%	3.1401%	-0.1493%	0.2154%	0.9863%	2.5188%
Nat. Wat.	9.2548%	9.2636%	9.2682%	9.2737%	9.2240%	9.5705%	9.9662%	9.8484%	9.4921%	9.5705%	10.0093%	9.9573%	9.8410%
		0.0088%	0.0135%	0.0190%	-0.0308%	0.3157%	0.7114%	0.5937%	0.2374%	0.3157%	0.7545%	0.7025%	0.5862%

Table S8. Percentage of each category in Har Ha Negev at original and generalized resolutions (applying the three generalization methods used). For generalized resolutions percentage points of variation regarding original resolution are also shown for each category in its second row.

Har Ha Negev	Original 10 m	Nearest Neighbor				Mode				Incremental Mode			
		20 m	60 m	100 m	200 m	20 m	60 m	100 m	200 m	20 m	60 m	100 m	200 m
Art. Surf.	1.7161%	1.7136%	1.7196%	1.7093%	1.7172%	1.7133%	1.7032%	1.6503%	1.5458%	1.7133%	1.7024%	1.6392%	1.5633%
		-0.0025%	0.0035%	-0.0069%	0.0010%	-0.0028%	-0.0129%	-0.0658%	-0.1704%	-0.0028%	-0.0137%	-0.0769%	-0.1528%
Cult. Terr. Veg.	1.2138%	1.2127%	1.2046%	1.2017%	1.2137%	1.2134%	1.2075%	1.1994%	1.1418%	1.2134%	1.2059%	1.1972%	1.1242%
		-0.0011%	-0.0092%	-0.0122%	-0.0001%	-0.0004%	-0.0063%	-0.0144%	-0.0721%	-0.0004%	-0.0079%	-0.0167%	-0.0897%
Nat. Surf.	96.3355%	96.3392%	96.3254%	96.3883%	96.3319%	96.3463%	96.5413%	96.7971%	97.2510%	96.3463%	96.5276%	96.7971%	97.1193%
		0.0037%	-0.0101%	0.0528%	-0.0036%	0.0108%	0.2058%	0.4616%	0.9155%	0.0108%	0.1921%	0.4616%	0.7838%
Nat. Terr. Veg.	0.7345%	0.7345%	0.7503%	0.7008%	0.7372%	0.7270%	0.5479%	0.3532%	0.0615%	0.7270%	0.5640%	0.3665%	0.1932%
		0.0000%	0.0158%	-0.0337%	0.0027%	-0.0075%	-0.1866%	-0.3814%	-0.6730%	-0.0075%	-0.1705%	-0.3680%	-0.5413%

Table S9. Percentage of each category in KalKalpen National Park at original and generalized resolutions (applying the three generalization methods used). For generalized resolutions percentage points of variation regarding original resolution are also shown for each category in its second row.

KalKalpen National Park	Original 10 m	Nearest Neighbor				Mode				Incremental Mode			
		20 m	60 m	100 m	200 m	20 m	60 m	100 m	200 m	20 m	60 m	100 m	200 m
Cult. Aqu. Veg.	0.0004%	0.0007%	0.0020%	0.0057%	0.0000%	0.0005%	0.0000%	0.0000%	0.0000%	0.0005%	0.0000%	0.0000%	0.0000%
		0.0003%	0.0016%	0.0053%	-0.0004%	0.0001%	-0.0004%	-0.0004%	-0.0004%	0.0001%	-0.0004%	-0.0004%	-0.0004%
Cult. Terr. Veg.	1.0056%	1.0164%	1.0141%	1.0268%	0.9764%	1.0003%	0.6932%	0.4586%	0.2915%	1.0003%	0.6932%	0.4536%	0.3826%
		0.0108%	0.0085%	0.0212%	-0.0292%	-0.0053%	-0.3124%	-0.5471%	-0.7141%	-0.0053%	-0.3124%	-0.5520%	-0.6230%
Nat. Aqu. Veg.	0.0568%	0.0539%	0.0552%	0.0567%	0.0454%	0.0511%	0.0130%	0.0148%	0.0000%	0.0511%	0.0149%	0.0049%	0.0182%
		-0.0029%	-0.0016%	0.0000%	-0.0113%	-0.0056%	-0.0437%	-0.0420%	-0.0568%	-0.0056%	-0.0418%	-0.0518%	-0.0385%
Nat. Terr. Veg.	98.2542%	98.2249%	98.2335%	98.2413%	98.3651%	98.2430%	97.7955%	97.6037%	97.6316%	98.2430%	97.6352%	97.3522%	96.7389%
		-0.0294%	-0.0208%	-0.0129%	0.1109%	-0.0112%	-0.4588%	-0.6506%	-0.6226%	-0.0112%	-0.6191%	-0.9020%	-1.5153%
Nat. Wat.	0.6830%	0.7042%	0.6952%	0.6694%	0.6131%	0.7051%	1.4983%	1.9230%	2.0769%	0.7051%	1.6567%	2.1892%	2.8603%
		0.0212%	0.0122%	-0.0136%	-0.0699%	0.0221%	0.8153%	1.2400%	1.3939%	0.0221%	0.9737%	1.5063%	2.1773%

Table S10. Percentage of each category in La Palma Island at original and generalized resolutions (applying the three generalization methods used). For generalized resolutions percentage points of variation regarding original resolution are also shown for each category in its second row.

La Palma Island	Original 10 m	 Nearest Neighbor				 Mode				 Incremental Mode			
		20 m	60 m	100 m	200 m	20 m	60 m	100 m	200 m	20 m	60 m	100 m	200 m
Art. Surf.	0.0592%	0.0573%	0.0638%	0.0563%	0.0482%	0.0581%	0.0417%	0.0412%	0.0421%	0.0581%	0.0486%	0.0636%	0.0421%
		-0.0019%	0.0045%	-0.0029%	-0.0110%	-0.0012%	-0.0176%	-0.0181%	-0.0172%	-0.0012%	-0.0106%	0.0044%	-0.0172%
Cult. Terr. Veg.	8.1440%	8.1347%	8.1678%	8.1013%	8.0225%	8.2577%	8.6559%	8.9314%	9.4223%	8.2577%	8.6378%	8.9351%	9.5205%
		-0.0092%	0.0238%	-0.0427%	-0.1214%	0.1137%	0.5120%	0.7874%	1.2784%	0.1137%	0.4939%	0.7912%	1.3765%
Nat. Surf.	0.4495%	0.4443%	0.4261%	0.4185%	0.5145%	0.4163%	0.3918%	0.3517%	0.2804%	0.4163%	0.4015%	0.3779%	0.3225%
		-0.0052%	-0.0234%	-0.0310%	0.0650%	-0.0332%	-0.0577%	-0.0978%	-0.1691%	-0.0332%	-0.0480%	-0.0716%	-0.1270%
Nat. Terr. Veg.	88.6963%	88.6968%	88.7237%	88.7315%	88.8103%	88.7109%	88.1402%	87.6263%	86.7779%	88.7109%	88.1318%	87.5552%	86.4274%
		0.0004%	0.0273%	0.0351%	0.1139%	0.0146%	-0.5562%	-1.0701%	-1.9184%	0.0146%	-0.5645%	-1.1412%	-2.2690%
Nat. Wat.	2.6510%	2.6669%	2.6187%	2.6924%	2.6045%	2.5570%	2.7704%	3.0495%	3.4773%	2.5570%	2.7802%	3.0682%	3.6876%
		0.0159%	-0.0322%	0.0414%	-0.0465%	-0.0940%	0.1195%	0.3985%	0.8263%	-0.0940%	0.1292%	0.4172%	1.0367%

Table S11. Percentage of each category in Lake Ohrid and Prespa at original and generalized resolutions (applying the three generalization methods used). For generalized resolutions percentage points of variation regarding original resolution are also shown for each category in its second row.

Lake Ohrid and Prespa	Original 10 m	 Nearest Neighbor				 Mode				 Incremental Mode			
		20 m	60 m	100 m	200 m	20 m	60 m	100 m	200 m	20 m	60 m	100 m	200 m
Art. Surf.	1.8164%	1.8176%	1.8116%	1.8177%	1.7739%	1.8182%	1.8143%	1.7967%	1.6668%	1.8182%	1.8173%	1.7974%	1.7612%
		0.0012%	-0.0048%	0.0013%	-0.0425%	0.0018%	-0.0020%	-0.0197%	-0.1496%	0.0018%	0.0009%	-0.0189%	-0.0552%
Cult. Aqu. Veg.	0.0165%	0.0166%	0.0163%	0.0197%	0.0121%	0.0166%	0.0154%	0.0112%	0.0059%	0.0166%	0.0151%	0.0112%	0.0118%
		0.0001%	-0.0001%	0.0032%	-0.0044%	0.0001%	-0.0011%	-0.0053%	-0.0106%	0.0001%	-0.0013%	-0.0053%	-0.0047%
Cult. Terr. Veg.	18.1595%	18.1732%	18.1814%	18.1241%	18.1802%	18.1587%	18.2878%	18.3680%	18.5149%	18.1587%	18.2721%	18.3845%	18.4471%
		0.0137%	0.0219%	-0.0354%	0.0207%	-0.0007%	0.1283%	0.2086%	0.3554%	-0.0007%	0.1127%	0.2250%	0.2876%
Nat. Aqu. Veg.	1.6786%	1.6798%	1.6753%	1.6907%	1.6621%	1.6779%	1.6357%	1.6145%	1.5547%	1.6779%	1.6319%	1.6078%	1.5488%
		0.0012%	-0.0033%	0.0121%	-0.0165%	-0.0007%	-0.0429%	-0.0641%	-0.1239%	-0.0007%	-0.0467%	-0.0708%	-0.1298%
Nat. Surf.	0.7275%	0.7268%	0.7190%	0.7369%	0.7434%	0.7207%	0.5814%	0.4854%	0.3186%	0.7207%	0.5876%	0.4906%	0.3629%
		-0.0007%	-0.0085%	0.0094%	0.0159%	-0.0067%	-0.1461%	-0.2421%	-0.4089%	-0.0067%	-0.1399%	-0.2369%	-0.3646%
Nat. Terr. Veg.	42.4719%	42.4699%	42.4842%	42.4911%	42.4738%	42.4932%	42.5846%	42.7012%	42.9537%	42.4932%	42.5979%	42.6818%	42.9448%
		-0.0019%	0.0123%	0.0192%	0.0019%	0.0214%	0.1128%	0.2293%	0.4818%	0.0214%	0.1260%	0.2099%	0.4729%
Nat. Wat.	35.1297%	35.1161%	35.1122%	35.1198%	35.1546%	35.1146%	35.0807%	35.0230%	34.9854%	35.1146%	35.0780%	35.0267%	34.9234%

-0.0137% -0.0175% -0.0099% 0.0248% -0.0151% -0.0490% -0.1067% -0.1443% -0.0151% -0.0517% -0.1030% -0.2063%

Table S12. Percentage of each category in Peneda-Gerês at original and generalized resolutions (applying the three generalization methods used). For generalized resolutions percentage points of variation regarding original resolution are also shown for each category in its second row.

Peneda-Gerês	Original 10 m	 Nearest Neighbor				 Mode				 Incremental Mode			
		20 m	60 m	100 m	200 m	20 m	60 m	100 m	200 m	20 m	60 m	100 m	200 m
Art. Surf.	0.0678%	0.0674%	0.0666%	0.0758%	0.0816%	0.0674%	0.0714%	0.0497%	0.0554%	0.0674%	0.0667%	0.0526%	0.0333%
		-0.0004%	-0.0012%	0.0080%	0.0139%	-0.0004%	0.0036%	-0.0180%	-0.0123%	-0.0004%	-0.0010%	-0.0152%	-0.0345%
Cult. Terr. Veg.	2.3414%	2.3397%	2.3365%	2.3444%	2.4841%	2.3417%	2.2864%	2.2315%	2.0562%	2.3417%	2.3149%	2.2372%	2.1116%
		-0.0017%	-0.0049%	0.0029%	0.1427%	0.0003%	-0.0550%	-0.1099%	-0.2852%	0.0003%	-0.0265%	-0.1042%	-0.2298%
Nat. Surf.	52.0667%	52.0541%	52.0471%	52.0945%	52.2771%	52.0486%	51.9675%	51.8984%	51.5990%	52.0486%	51.9515%	51.9240%	51.6267%
		-0.0126%	-0.0196%	0.0278%	0.2104%	-0.0181%	-0.0992%	-0.1683%	-0.4677%	-0.0181%	-0.1152%	-0.1427%	-0.4400%
Nat. Terr. Veg.	45.5241%	45.5388%	45.5499%	45.4854%	45.1572%	45.5424%	45.6747%	45.8204%	46.2894%	45.5424%	45.6669%	45.7863%	46.2285%
		0.0147%	0.0257%	-0.0387%	-0.3670%	0.0182%	0.1505%	0.2962%	0.7653%	0.0182%	0.1428%	0.2622%	0.7043%

Table S13. Percentage of each category in Samaria at original and generalized resolutions (applying the three generalization methods used).

Samaria	Original 10 m	 Nearest Neighbor				 Mode				 Incremental Mode			
		20 m	60 m	100 m	200 m	20 m	60 m	100 m	200 m	20 m	60 m	100 m	200 m
Art. Surf.	0.0522%	0.0521%	0.0524%	0.0457%	0.0474%	0.0515%	0.0461%	0.0436%	0.0333%	0.0515%	0.0479%	0.0436%	0.0400%
		-0.0001%	0.0002%	-0.0065%	-0.0048%	-0.0007%	-0.0061%	-0.0085%	-0.0189%	-0.0007%	-0.0043%	-0.0085%	-0.0122%
Cult. Terr. Veg.	2.1098%	2.1123%	2.1106%	2.1451%	2.0530%	2.1161%	2.1427%	2.1404%	2.1193%	2.1161%	2.1366%	2.1353%	2.1460%
		0.0026%	0.0008%	0.0353%	-0.0568%	0.0063%	0.0329%	0.0306%	0.0095%	0.0063%	0.0268%	0.0256%	0.0362%
Nat. Surf.	9.0174%	9.0145%	9.0342%	9.0360%	9.1876%	9.0031%	8.8314%	8.6018%	8.2039%	9.0031%	8.8357%	8.5951%	8.2239%
		-0.0029%	0.0168%	0.0186%	0.1702%	-0.0143%	-0.1860%	-0.4156%	-0.8135%	-0.0143%	-0.1817%	-0.4223%	-0.7935%
Nat. Terr. Veg.	83.6939%	83.7098%	83.6984%	83.6415%	83.6236%	83.6748%	83.7120%	83.8473%	84.1120%	83.6748%	83.7120%	83.8507%	84.0520%
		0.0159%	0.0045%	-0.0524%	-0.0703%	-0.0191%	0.0181%	0.1534%	0.4181%	-0.0191%	0.0181%	0.1568%	0.3581%
Nat. Wat.	5.1268%	5.1112%	5.1043%	5.1317%	5.0884%	5.1545%	5.2678%	5.3669%	5.5315%	5.1545%	5.2678%	5.3753%	5.5382%
		-0.0156%	-0.0224%	0.0050%	-0.0383%	0.0278%	0.1411%	0.2401%	0.4047%	0.0278%	0.1411%	0.2485%	0.4114%

Table S14. Percentage of each category in Sierra Nevada National Park at original and generalized resolutions (applying the three generalization methods used). For generalized resolutions percentage points of variation regarding original resolution are also shown for each category in its second row.

Sierra Nevada National Park	Original 10 m	 Nearest Neighbor				 Mode				 Incremental Mode			
		20 m	60 m	100 m	200 m	20 m	60 m	100 m	200 m	20 m	60 m	100 m	200 m
Art. Surf.	0.5825%	0.5812%	0.5718%	0.5845%	0.5796%	0.5896%	0.5849%	0.5695%	0.5776%	0.5896%	0.5920%	0.5804%	0.5912%
		-0.0012%	-0.0107%	0.0020%	-0.0029%	0.0071%	0.0024%	-0.0130%	-0.0049%	0.0071%	0.0095%	-0.0021%	0.0087%
Cult. Terr. Veg.	40.4588%	40.4460%	40.4417%	40.3882%	40.5037%	40.4950%	40.7176%	41.0054%	41.2825%	40.4950%	40.7230%	41.0128%	41.2058%
		-0.0128%	-0.0171%	-0.0706%	0.0449%	0.0362%	0.2588%	0.5466%	0.8237%	0.0362%	0.2642%	0.5540%	0.7470%
Nat. Aqu. Veg.	0.0392%	0.0392%	0.0373%	0.0402%	0.0349%	0.0395%	0.0403%	0.0418%	0.0474%	0.0395%	0.0407%	0.0418%	0.0496%
		-0.0001%	-0.0019%	0.0009%	-0.0043%	0.0003%	0.0011%	0.0026%	0.0081%	0.0003%	0.0015%	0.0026%	0.0104%
Nat. Surf.	6.5582%	6.5584%	6.5572%	6.5835%	6.4822%	6.5360%	6.2744%	6.0071%	5.5281%	6.5360%	6.2839%	6.0191%	5.5935%
		0.0002%	-0.0010%	0.0253%	-0.0761%	-0.0223%	-0.2838%	-0.5511%	-1.0301%	-0.0223%	-0.2743%	-0.5391%	-0.9647%
Nat. Terr. Veg.	52.3586%	52.3724%	52.3892%	52.4008%	52.3974%	52.3372%	52.3805%	52.3739%	52.5621%	52.3372%	52.3581%	52.3430%	52.5553%
		0.0139%	0.0307%	0.0422%	0.0388%	-0.0214%	0.0219%	0.0153%	0.2035%	-0.0214%	-0.0005%	-0.0156%	0.1968%
Nat. Wat.	0.0027%	0.0028%	0.0027%	0.0029%	0.0023%	0.0027%	0.0023%	0.0023%	0.0023%	0.0027%	0.0023%	0.0029%	0.0045%
		0.0001%	0.0000%	0.0002%	-0.0004%	0.0000%	-0.0004%	-0.0004%	-0.0004%	0.0000%	-0.0004%	0.0002%	0.0018%

Table S15. Percentage of each category in Swiss National Park at original and generalized resolutions (applying the three generalization methods used). For generalized resolutions percentage points of variation regarding original resolution are also shown for each category in its second row.

Swiss National Park	Original 10 m	 Nearest Neighbor				 Mode				 Incremental Mode			
		20 m	60 m	100 m	200 m	20 m	60 m	100 m	200 m	20 m	60 m	100 m	200 m
Art. Surf.	0.6240%	0.6269%	0.6093%	0.6440%	0.6349%	0.3407%	0.1746%	0.1814%	0.1826%	0.3407%	0.1756%	0.1796%	0.1860%
		0.0028%	-0.0148%	0.0200%	0.0108%	-0.2833%	-0.4494%	-0.4427%	-0.4414%	-0.2833%	-0.4485%	-0.4444%	-0.4380%
Cult. Aqu. Veg.	0.0793%	0.0799%	0.0836%	0.0894%	0.0561%	0.0819%	0.0774%	0.0451%	0.0069%	0.0819%	0.0774%	0.0469%	0.0241%
		0.0005%	0.0043%	0.0100%	-0.0232%	0.0026%	-0.0019%	-0.0342%	-0.0724%	0.0026%	-0.0019%	-0.0325%	-0.0552%
Cult. Terr. Veg.	5.3288%	5.3249%	5.3455%	5.2740%	5.3244%	5.4072%	5.4551%	5.4970%	5.5780%	5.4072%	5.4592%	5.4866%	5.5780%
		-0.0038%	0.0167%	-0.0548%	-0.0043%	0.0785%	0.1264%	0.1682%	0.2492%	0.0785%	0.1305%	0.1578%	0.2492%
Nat. Aqu. Veg.	0.0964%	0.0971%	0.0988%	0.1025%	0.0737%	0.0987%	0.0884%	0.0651%	0.0207%	0.0987%	0.0912%	0.0668%	0.0482%
		0.0007%	0.0023%	0.0061%	-0.0228%	0.0023%	-0.0080%	-0.0313%	-0.0757%	0.0023%	-0.0052%	-0.0296%	-0.0482%
Nat. Surf.	39.4978%	39.4979%	39.4940%	39.5642%	39.5405%	39.6258%	39.6695%	39.5940%	39.3798%	39.6258%	39.6908%	39.6183%	39.5314%
		0.0002%	-0.0037%	0.0664%	0.0427%	0.1280%	0.1717%	0.0962%	-0.1179%	0.1280%	0.1930%	0.1205%	0.0337%
Nat. Terr. Veg.	50.7553%	50.7535%	50.7394%	50.7080%	50.7190%	51.0285%	51.2272%	51.3100%	51.5487%	51.0285%	51.2025%	51.2909%	51.2937%

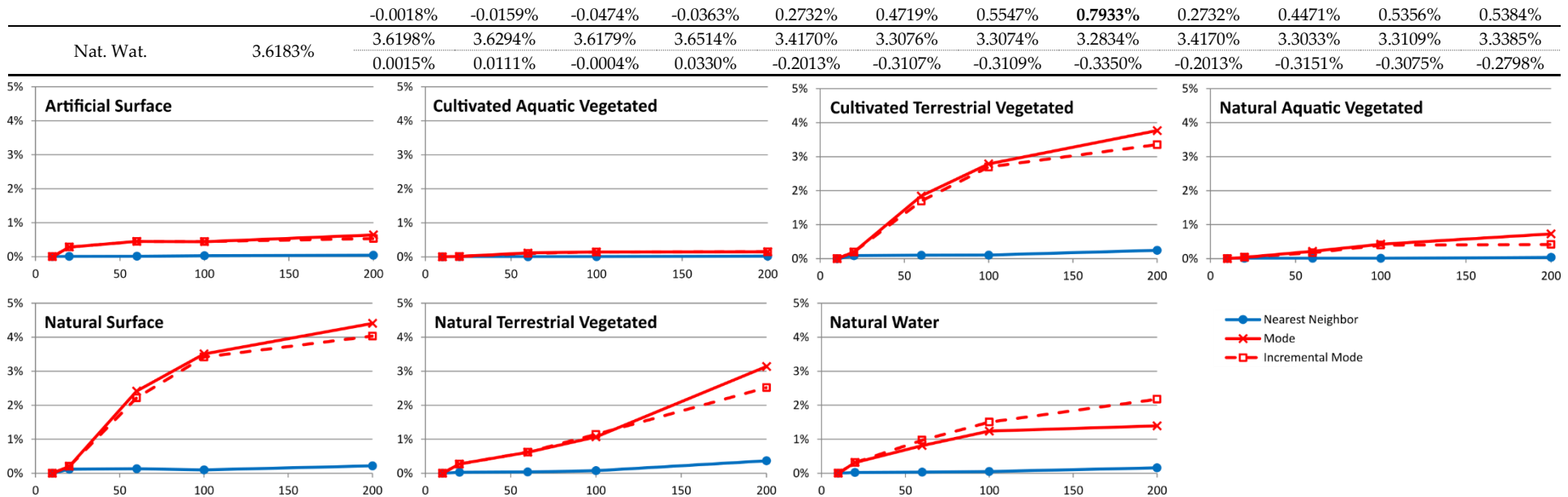


Figure S1. Absolute maximum variation (all studied Protected Areas) of each category area related to the same category area at original resolution. Same legend applies to all graphics. All categories are shown.

S2. *Evaluation of change analysis between two thematic datasets:*

Table S16. Percentage of each category in Massís del Montseny 2006 LULC at original and generalized resolutions (applying the three generalization methods used). For generalized resolutions percentage points of variation regarding original resolution are also shown for each category in its second row.

Montseny 2006	Original 2 m	● Nearest Neighbor					✕ Mode					◻ Incremental Mode				
		10 m	20 m	50 m	100 m	200 m	10 m	20 m	50 m	100 m	200 m	10 m	20 m	50 m	100 m	200 m
Dense forest	83.42%	83.42%	83.44%	83.40%	83.32%	83.34%	83.46%	83.74%	85.35%	87.43%	90.04%	83.46%	83.65%	85.26%	86.87%	89.20%
		0.00%	0.01%	-0.03%	-0.11%	-0.09%	0.04%	0.32%	1.93%	4.01%	6.62%	0.04%	0.22%	1.84%	3.45%	5.77%
Clear forest	1.34%	1.34%	1.34%	1.35%	1.37%	1.39%	1.33%	1.32%	1.19%	0.83%	0.35%	1.33%	1.32%	1.19%	0.94%	0.53%
		0.00%	0.00%	0.01%	0.03%	0.05%	-0.01%	-0.02%	-0.15%	-0.50%	-0.99%	-0.01%	-0.02%	-0.15%	-0.40%	-0.81%
Shrublands	6.98%	6.98%	6.97%	6.99%	7.02%	7.02%	6.96%	6.91%	6.42%	5.81%	5.33%	6.96%	6.92%	6.46%	6.00%	5.57%
		0.00%	0.00%	0.02%	0.04%	0.05%	-0.01%	-0.07%	-0.56%	-1.17%	-1.65%	-0.01%	-0.06%	-0.52%	-0.98%	-1.41%

Meadows and grasslands	2.00%	2.00%	2.00%	1.98%	1.93%	1.86%	1.99%	1.95%	1.64%	1.24%	0.73%	1.99%	1.96%	1.66%	1.36%	0.86%
		0.00%	0.00%	-0.02%	-0.07%	-0.14%	-0.01%	-0.04%	-0.36%	-0.76%	-1.27%	-0.01%	-0.04%	-0.33%	-0.64%	-1.14%
Unproductive natural	1.09%	1.09%	1.09%	1.11%	1.07%	1.07%	1.07%	0.98%	0.57%	0.25%	0.11%	1.07%	1.01%	0.59%	0.32%	0.17%
		0.00%	0.00%	0.02%	-0.02%	-0.02%	-0.02%	-0.11%	-0.52%	-0.84%	-0.98%	-0.02%	-0.08%	-0.51%	-0.77%	-0.92%
Crops	2.75%	2.75%	2.74%	2.74%	2.85%	2.93%	2.75%	2.75%	2.74%	2.55%	1.73%	2.75%	2.75%	2.74%	2.54%	1.95%
		0.00%	0.00%	0.00%	0.10%	0.18%	0.00%	0.00%	-0.01%	-0.20%	-1.02%	0.00%	0.00%	-0.01%	-0.21%	-0.80%
Unproductive artificial	2.33%	2.34%	2.33%	2.34%	2.36%	2.31%	2.34%	2.25%	2.01%	1.82%	1.67%	2.34%	2.31%	2.02%	1.90%	1.68%
		0.00%	0.00%	0.00%	0.02%	-0.03%	0.01%	-0.08%	-0.33%	-0.52%	-0.67%	0.01%	-0.02%	-0.31%	-0.44%	-0.65%
Inland waters	0.09%	0.09%	0.09%	0.09%	0.09%	0.09%	0.09%	0.09%	0.08%	0.07%	0.05%	0.09%	0.09%	0.09%	0.07%	0.05%
		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-0.02%	-0.04%	0.00%	0.00%	0.00%	-0.02%	-0.04%
TOTAL (in ha)	32268.06	32267.60	32266.64	32267.25	32269.00	32236.00	32304.51	32349.68	32483.25	32695.00	33096.00	32304.51	32349.68	32483.25	32695.00	33096.00

Table S17. Percentage of each category in Massís del Montseny 2009 LULC at original and generalized resolutions (applying the three generalization methods used). For generalized resolutions percentage points of variation regarding original resolution are also shown for each category in its second row.

Montseny 2009	Original 2 m	 Nearest Neighbor					 Mode					 Incremental Mode				
		10 m	20 m	50 m	100 m	200 m	10 m	20 m	50 m	100 m	200 m	10 m	20 m	50 m	100 m	200 m
Dense forest	82.85%	82.84%	82.86%	82.85%	82.79%	82.79%	82.89%	83.17%	84.83%	87.01%	89.70%	82.89%	83.07%	84.75%	86.42%	88.86%
		0.00%	0.01%	0.00%	-0.06%	-0.06%	0.04%	0.32%	1.98%	4.16%	6.85%	0.04%	0.23%	1.90%	3.57%	6.01%
Clear forest	1.96%	1.96%	1.96%	1.96%	1.93%	1.97%	1.95%	1.94%	1.77%	1.36%	0.76%	1.95%	1.94%	1.77%	1.49%	0.93%
		0.00%	0.00%	0.00%	-0.03%	0.01%	-0.01%	-0.01%	-0.19%	-0.59%	-1.20%	-0.01%	-0.02%	-0.18%	-0.47%	-1.03%
Shrublands	6.88%	6.89%	6.88%	6.89%	6.96%	6.95%	6.87%	6.81%	6.29%	5.68%	5.25%	6.87%	6.82%	6.32%	5.84%	5.43%
		0.00%	-0.01%	0.01%	0.07%	0.07%	-0.01%	-0.08%	-0.59%	-1.21%	-1.64%	-0.01%	-0.07%	-0.56%	-1.04%	-1.46%
Meadows and grasslands	2.09%	2.09%	2.09%	2.06%	2.03%	1.92%	2.08%	2.05%	1.72%	1.26%	0.66%	2.08%	2.05%	1.74%	1.39%	0.81%
		0.00%	0.00%	-0.03%	-0.06%	-0.16%	-0.01%	-0.04%	-0.36%	-0.83%	-1.42%	-0.01%	-0.04%	-0.35%	-0.70%	-1.28%
Unproductive natural	1.07%	1.07%	1.07%	1.08%	1.04%	1.05%	1.05%	0.96%	0.55%	0.23%	0.10%	1.05%	0.99%	0.57%	0.30%	0.15%
		0.00%	0.00%	0.01%	-0.03%	-0.02%	-0.02%	-0.11%	-0.52%	-0.84%	-0.97%	-0.02%	-0.08%	-0.50%	-0.77%	-0.92%
Crops	2.66%	2.66%	2.65%	2.65%	2.74%	2.84%	2.66%	2.66%	2.66%	2.51%	1.73%	2.66%	2.66%	2.66%	2.50%	1.96%
		0.00%	0.00%	0.00%	0.09%	0.18%	0.00%	0.01%	0.00%	-0.15%	-0.93%	0.00%	0.00%	0.00%	-0.16%	-0.70%
Unproductive artificial	2.41%	2.41%	2.41%	2.41%	2.42%	2.38%	2.41%	2.32%	2.09%	1.88%	1.75%	2.41%	2.39%	2.11%	2.00%	1.82%
		0.00%	0.00%	0.01%	0.01%	-0.02%	0.01%	-0.08%	-0.31%	-0.53%	-0.65%	0.01%	-0.02%	-0.30%	-0.41%	-0.58%
Inland waters	0.09%	0.09%	0.09%	0.09%	0.09%	0.09%	0.09%	0.09%	0.08%	0.07%	0.05%	0.09%	0.09%	0.09%	0.07%	0.05%
		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	-0.02%	-0.04%	0.00%	0.00%	0.00%	-0.02%	-0.04%
TOTAL (in ha)	32268.06	32267.60	32266.64	32267.25	32269.00	32236.00	32304.51	32349.68	32483.25	32695.00	33096.00	32304.51	32349.68	32483.25	32695.00	33096.00

Table S18. Land cover changes (in ha) in Massís del Montseny protected area between 2006 and 2009 when resampled using Nearest Neighbor method at 10 m resolution. The total area changed is shown in the red shadowed cell in the bottom right area of the table (summing up the change value, i.e. all except for the grey shadowed cells). Green shaded row highlight which category was in 2006 the area classified in 2009 as “Clear Forests”, while blue shaded row highlight which category was in 2006 the area classified in 2009 as “Meadows and grasslands”. On the other hand, blue shaded column highlight which category has become in 2009 the area classified in 2006 as “Meadows and grasslands”.

Land cover Changes (in ha) Nearest Neighbor at 10 m		2006								Total	Remains	Gained
		Dense forest	Clear forest	Shrublands	Meadows and grasslands	Unproductive natural	Crops	Unproductive artificial	Inland waters			
2009	Dense forest	26648.50	29.41	31.46	9.86	7.94	4.63	0.08	0.00	26731.88	99.69%	0.31%
	Clear forest	193.61	400.10	33.54	2.71	0.37	1.06	0.00	0.00	631.39	63.37%	36.63%
	Shrublands	21.68	0.46	2155.34	32.38	1.78	10.49	0.33	0.00	2222.46	96.98%	3.02%
	Meadows and grasslands	37.12	0.90	25.66	571.43	3.10	35.69	0.23	0.00	674.13	84.77%	15.23%
	Unproductive natural	3.63	0.04	0.78	1.85	337.29	0.99	0.00	0.00	344.58	97.88%	2.12%
	Crops	5.74	0.00	2.91	17.14	0.53	830.70	0.45	0.00	857.47	96.88%	3.12%
	Unproductive artificial	7.63	0.24	2.65	9.61	0.56	3.85	752.51	0.00	777.05	96.84%	3.16%
	Inland waters	0.00	0.00	0.00	0.00	0.10	0.00	0.00	28.54	28.64	99.65%	0.35%
Total		26917.91	431.15	2252.34	644.98	351.67	887.41	753.60	28.54	32267.60		
Remains		99.00%	92.80%	95.69%	88.60%	95.91%	93.61%	99.86%	100.00%	543.19 ha changed		
Lost		1.00%	7.20%	4.31%	11.40%	4.09%	6.39%	0.14%	0.00%	(1.68% of the area)		

Table S19. Land cover changes (in ha) in Massís del Montseny protected area between 2006 and 2009 when resampled using Nearest Neighbor method at 20 m resolution. The total area changed is shown in the red shadowed cell in the bottom right area of the table (summing up the change value, i.e. all except for the grey shadowed cells). Green shaded row highlight which category was in 2006 the area classified in 2009 as “Clear Forests”, while blue shaded row highlight which category was in 2006 the area classified in 2009 as “Meadows and grasslands”. On the other hand, blue shaded column highlight which category has become in 2009 the area classified in 2006 as “Meadows and grasslands”.

Land cover Changes (in ha) Nearest Neighbor at 20 m		2006								Total	Remains	Gained
		Dense forest	Clear forest	Shrublands	Meadows and grasslands	Unproductive natural	Crops	Unproductive artificial	Inland waters			
2009	Dense forest	26654.00	28.68	30.60	9.44	7.92	4.64	0.04	0.00	26735.32	99.70%	0.30%
	Clear forest	192.88	401.00	34.36	2.72	0.32	1.00	0.00	0.00	632.28	63.42%	36.58%
	Shrublands	21.12	0.52	2152.88	32.36	1.80	10.16	0.36	0.00	2219.20	97.01%	2.99%

Meadows and grasslands	37.16	1.00	25.84	571.40	3.00	35.88	0.28	0.00	674.56	84.71%	15.29%
Unproductive natural	3.48	0.08	0.84	1.96	337.44	0.92	0.00	0.00	344.72	97.89%	2.11%
Crops	6.00	0.00	3.04	16.76	0.44	829.32	0.52	0.00	856.08	96.87%	3.13%
Unproductive artificial	7.80	0.20	2.56	9.32	0.48	3.72	752.00	0.00	776.08	96.90%	3.10%
Inland waters	0.00	0.00	0.00	0.00	0.08	0.00	0.00	28.32	28.40	99.72%	0.28%
Total	26922.44	431.48	2250.12	643.96	351.48	885.64	753.20	28.32	32266.64		
Remains	99.00%	92.94%	95.68%	88.73%	96.01%	93.64%	99.84%	100.00%		540.28 ha changed (1.67% of the area)	
Lost	1.00%	7.06%	4.32%	11.27%	3.99%	6.36%	0.16%	0.00%			

Table S20. Land cover changes (in ha) in Massís del Montseny protected area between 2006 and 2009 when resampled using Nearest Neighbor method at 50 m resolution. The total area changed is shown in the red shadowed cell in the bottom right area of the table (summing up the change value, i.e. all except for the grey shadowed cells). Green shaded row highlight which category was in 2006 the area classified in 2009 as “Clear Forests”, while blue shaded row highlight which category was in 2006 the area classified in 2009 as “Meadows and grasslands”. On the other hand, blue shaded column highlight which category has become in 2009 the area classified in 2006 as “Meadows and grasslands”.

Land cover Changes (in ha) Nearest Neighbor at 50 m		2006								Total	Remains	Gained
		Dense forest	Clear forest	Shrublands	Meadows and grasslands	Unproductive natural	Crops	Unproductive artificial	Inland waters			
2009	Dense forest	26648.50	29.50	33.00	9.75	8.00	5.00	0.00	0.00	26733.75	99.68%	0.32%
	Clear forest	191.00	402.25	34.75	3.00	0.00	0.75	0.00	0.00	631.75	63.67%	36.33%
	Shrublands	21.75	0.75	2156.00	32.75	2.00	10.25	0.25	0.00	2223.75	96.95%	3.05%
	Meadows and grasslands	34.50	1.25	27.75	563.00	4.00	34.50	0.00	0.00	665.00	84.66%	15.34%
	Unproductive natural	2.25	0.00	0.75	1.50	343.50	1.25	0.00	0.00	349.25	98.35%	1.65%
	Crops	5.25	0.00	2.75	17.00	1.00	829.50	0.50	0.00	856.00	96.90%	3.10%
	Unproductive artificial	7.25	0.50	1.75	11.00	0.50	4.25	753.75	0.00	779.00	96.76%	3.24%
	Inland waters	0.00	0.00	0.00	0.00	0.25	0.00	0.00	28.50	28.75	99.13%	0.87%
	Total	26910.50	434.25	2256.75	638.00	359.25	885.50	754.50	28.50	32267.25		
	Remains	99.03%	92.63%	95.54%	88.24%	95.62%	93.68%	99.90%	100.00%		542.25 ha changed (1.68% of the area)	
	Lost	0.97%	7.37%	4.46%	11.76%	4.38%	6.32%	0.10%	0.00%			

Table S21. Land cover changes (in ha) in Massís del Montseny protected area between 2006 and 2009 when resampled using Nearest Neighbor method at 100 m resolution. The total area changed is shown in the red shadowed cell in the bottom right area of the table (summing up the change value, i.e. all except for the grey shadowed cells). Green shaded row highlight which category was in 2006 the area classified in 2009 as “Clear Forests”, while blue shaded row highlight which category was in 2006 the

area classified in 2009 as “Meadows and grasslands”. On the other hand, blue shaded column highlight which category has become in 2009 the area classified in 2006 as “Meadows and grasslands”.

Land cover Changes (in ha) Nearest Neighbor at 100 m		2006									Total	Remains	Gained
		Dense forest	Clear forest	Shrublands	Meadows and grasslands	Unproductive natural	Crops	Unproductive artificial	Inland waters				
2009	Dense forest	26630.00	29.00	31.00	11.00	11.00	3.00	0.00	0.00	26715.00	99.68%	0.32%	
	Clear forest	178.00	413.00	26.00	4.00	1.00	1.00	0.00	0.00	623.00	66.29%	33.71%	
	Shrublands	21.00	0.00	2180.00	31.00	1.00	11.00	1.00	0.00	2245.00	97.10%	2.90%	
	Meadows and grasslands	40.00	0.00	23.00	547.00	4.00	41.00	0.00	0.00	655.00	83.51%	16.49%	
	Unproductive natural	4.00	0.00	1.00	4.00	327.00	0.00	0.00	0.00	336.00	97.32%	2.68%	
	Crops	6.00	0.00	3.00	16.00	1.00	859.00	0.00	0.00	885.00	97.06%	2.94%	
	Unproductive artificial	6.00	0.00	1.00	9.00	0.00	5.00	760.00	0.00	781.00	97.31%	2.69%	
	Inland waters	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.00	29.00	100.00%	0.00%	
Total		26885.00	442.00	2265.00	622.00	345.00	920.00	761.00	29.00	32269.00			
Remains		99.05%	93.44%	96.25%	87.94%	94.78%	93.37%	99.87%	100.00%	524.00 ha changed			
Lost		0.95%	6.56%	3.75%	12.06%	5.22%	6.63%	0.13%	0.00%	(1.62% of the area)			

Table S22. Land cover changes (in ha) in Massís del Montseny protected area between 2006 and 2009 when resampled using Nearest Neighbor method at 200 m resolution. The total area changed is shown in the red shadowed cell in the bottom right area of the table (summing up the change value, i.e. all except for the grey shadowed cells). Green shaded row highlight which category was in 2006 the area classified in 2009 as “Clear Forests”, while blue shaded row highlight which category was in 2006 the area classified in 2009 as “Meadows and grasslands”. On the other hand, blue shaded column highlight which category has become in 2009 the area classified in 2006 as “Meadows and grasslands”.

Land cover Changes (in ha) Nearest Neighbor at 200 m		2006							Total	Remains	Gained	
		Dense forest	Clear forest	Shrublands	Meadows and grasslands	Unproductive natural	Crops	Unproductive artificial				Inland waters
2009	Dense forest	26600.00	40.00	20.00	12.00	12.00	4.00	0.00	0.00	26688.00	99.67%	0.33%
	Clear forest	192.00	408.00	28.00	0.00	0.00	8.00	0.00	0.00	636.00	64.15%	35.85%
	Shrublands	20.00	0.00	2184.00	28.00	0.00	8.00	0.00	0.00	2240.00	97.50%	2.50%
	Meadows and grasslands	32.00	0.00	32.00	536.00	0.00	20.00	0.00	0.00	620.00	86.45%	13.55%
	Unproductive natural	4.00	0.00	0.00	4.00	332.00	0.00	0.00	0.00	340.00	97.65%	2.35%
	Crops	4.00	0.00	0.00	12.00	0.00	900.00	0.00	0.00	916.00	98.25%	1.75%
	Unproductive artificial	12.00	0.00	0.00	8.00	0.00	4.00	744.00	0.00	768.00	96.88%	3.13%

Inland waters	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.00	28.00	100.00%	0.00%
Total	26864.00	448.00	2264.00	600.00	344.00	944.00	744.00	28.00	32236.00		
Remains	99.02%	91.07%	96.47%	89.33%	96.51%	95.34%	100.00%	100.00%		504.00 ha changed	
Lost	0.98%	8.93%	3.53%	10.67%	3.49%	4.66%	0.00%	0.00%		(1.56% of the area)	

Table S23. Land cover changes (in ha) in Massís del Montseny protected area between 2006 and 2009 when resampled using Mode method at 10 m resolution. The total area changed is shown in the red shadowed cell in the bottom right area of the table (summing up the change value, i.e. all except for the grey shadowed cells). Green shaded row highlight which category was in 2006 the area classified in 2009 as “Clear Forests”, while blue shaded row highlight which category was in 2006 the area classified in 2009 as “Meadows and grasslands”. On the other hand, blue shaded column highlight which category has become in 2009 the area classified in 2006 as “Meadows and grasslands”.

Land cover Changes (in ha) Mode at 10 m		2006							Total	Remains	Gained
		Dense forest	Clear forest	Shrublands	Meadows and grasslands	Unproductive natural	Crops	Unproductive artificial			
2009	Dense forest	26692.84	29.46	31.46	9.91	7.92	4.65	0.10	26776.34	99.69%	0.31%
	Clear forest	193.63	399.01	33.92	2.67	0.38	1.07	0.00	630.68	63.27%	36.73%
	Shrublands	21.62	0.46	2152.15	32.40	1.76	10.44	0.34	2219.17	96.98%	3.02%
	Meadows and grasslands	37.15	0.91	25.66	569.01	3.12	35.59	0.23	671.67	84.72%	15.28%
	Unproductive natural	3.56	0.04	0.82	1.85	331.79	1.01	0.00	339.07	97.85%	2.15%
	Crops	5.84	0.00	2.94	17.08	0.51	832.49	0.46	859.32	96.88%	3.12%
	Unproductive artificial	7.67	0.24	2.66	9.63	0.56	3.89	755.04	779.69	96.84%	3.16%
	Inland waters	0.00	0.00	0.00	0.00	0.10	0.00	0.00	28.47	99.65%	0.35%
	Total	26962.31	430.12	2249.61	642.55	346.14	889.14	756.17	32304.51		
	Remains	99.00%	92.77%	95.67%	88.55%	95.85%	93.63%	99.85%		543.71 ha changed	
	Lost	1.00%	7.23%	4.33%	11.45%	4.15%	6.37%	0.15%		(1.68% of the area)	

Table S24. Land cover changes (in ha) in Massís del Montseny protected area between 2006 and 2009 when resampled using Mode method at 20 m resolution. The total area changed is shown in the red shadowed cell in the bottom right area of the table (summing up the change value, i.e. all except for the grey shadowed cells). Green shaded row highlight which category was in 2006 the area classified in 2009 as “Clear Forests”, while blue shaded row highlight which category was in 2006 the area classified in 2009 as “Meadows and grasslands”. On the other hand, blue shaded column highlight which category has become in 2009 the area classified in 2006 as “Meadows and grasslands”.

Land cover Changes (in ha) ✗ Mode at 20 m		2006							Total	Remains	Gained
		Dense forest	Clear forest	Shrublands	Meadows and grasslands	Unproductive natural	Crops	Unproductive artificial			
2009	Dense forest	26821.48	28.80	31.32	9.68	8.16	4.76	0.16	26904.36	99.69%	0.31%
	Clear forest	193.24	396.92	34.76	2.80	0.28	1.04	0.00	629.04	63.10%	36.90%
	Shrublands	20.84	0.48	2137.36	31.12	1.76	10.04	0.32	2201.92	97.07%	2.93%
	Meadows and grasslands	37.16	0.96	25.72	559.28	2.80	35.48	0.36	661.76	84.51%	15.49%
	Unproductive natural	3.52	0.12	0.80	1.88	303.96	0.96	0.00	311.24	97.66%	2.34%
	Crops	6.36	0.00	3.08	17.32	0.44	833.76	0.52	861.48	96.78%	3.22%
	Unproductive artificial	8.24	0.16	2.88	9.52	0.48	3.76	726.56	751.60	96.67%	3.33%
	Inland waters	0.00	0.00	0.00	0.00	0.12	0.00	0.00	28.16	99.58%	0.42%
Total		27090.84	427.44	2235.92	631.60	318.00	889.80	727.92	32349.68	542.20 ha changed (1.68% of the area)	
Remains		99.01%	92.86%	95.59%	88.55%	95.58%	93.70%	99.81%	100.00%		
Lost		0.99%	7.14%	4.41%	11.45%	4.42%	6.30%	0.19%	0.00%		

Table S25. Land cover changes (in ha) in Massís del Montseny protected area between 2006 and 2009 when resampled using Mode method at 50 m resolution. The total area changed is shown in the red shadowed cell in the bottom right area of the table (summing up the change value, i.e. all except for the grey shadowed cells). Green shaded row highlight which category was in 2006 the area classified in 2009 as “Clear Forests”, while blue shaded row highlight which category was in 2006 the area classified in 2009 as “Meadows and grasslands”. On the other hand, blue shaded column highlight which category has become in 2009 the area classified in 2006 as “Meadows and grasslands”.

Land cover Changes (in ha) ✗ Mode at 50 m		2006							Total	Remains	Gained
		Dense forest	Clear forest	Shrublands	Meadows and grasslands	Unproductive natural	Crops	Unproductive artificial			
2009	Dense forest	27465.25	30.25	32.25	11.75	9.25	6.50	0.25	27555.50	99.67%	0.33%
	Clear forest	184.25	354.00	33.00	2.25	0.00	1.00	0.00	574.50	61.62%	38.38%
	Shrublands	18.75	0.00	1987.75	26.25	1.00	10.25	0.00	2044.00	97.25%	2.75%
	Meadows and grasslands	34.00	0.75	25.75	463.00	2.25	33.50	0.25	559.50	82.75%	17.25%
	Unproductive natural	2.25	0.00	1.00	1.00	173.25	1.25	0.00	178.75	96.92%	3.08%
	Crops	9.25	0.00	2.75	17.75	0.25	832.50	0.75	863.25	96.44%	3.56%
	Unproductive artificial	11.00	0.00	2.75	11.00	0.00	5.25	650.25	680.25	95.59%	4.41%
	Inland waters	0.00	0.00	0.00	0.00	0.25	0.00	0.00	27.25	99.09%	0.91%
Total		27724.75	385.00	2085.25	533.00	186.25	890.25	651.50	32483.25	530.00 ha changed	
Remains		99.06%	91.95%	95.32%	86.87%	93.02%	93.51%	99.81%	100.00%		

Lost	0.94%	8.05%	4.68%	13.13%	6.98%	6.49%	0.19%	0.00%	(1.63% of the area)
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Table S26. Land cover changes (in ha) in Massís del Montseny protected area between 2006 and 2009 when resampled using Mode method at 100 m resolution. The total area changed is shown in the red shadowed cell in the bottom right area of the table (summing up the change value, i.e. all except for the grey shadowed cells). Green shaded row highlight which category was in 2006 the area classified in 2009 as “Clear Forests”, while blue shaded row highlight which category was in 2006 the area classified in 2009 as “Meadows and grasslands”. On the other hand, blue shaded column highlight which category has become in 2009 the area classified in 2006 as “Meadows and grasslands”.

Land cover Changes (in ha)  Mode at 100 m		2006										
		Dense forest	Clear forest	Shrubland s	Meadows and grasslands	Unproductive natural	Crops	Unproductive artificial	Inland waters	Total	Remains	Gained
2009	Dense forest	28352.00	34.00	30.00	11.00	6.00	15.00	0.00	0.00	28448.00	99.66%	0.34%
	Clear forest	173.00	239.00	30.00	4.00	0.00	0.00	0.00	0.00	446.00	53.59%	46.41%
	Shrublands	16.00	0.00	1817.00	16.00	0.00	7.00	0.00	0.00	1856.00	97.90%	2.10%
	Meadows and grasslands	23.00	0.00	17.00	346.00	1.00	24.00	0.00	0.00	411.00	84.18%	15.82%
	Unproductive natural	1.00	0.00	0.00	1.00	74.00	0.00	0.00	0.00	76.00	97.37%	2.63%
	Crops	12.00	0.00	3.00	17.00	0.00	788.00	1.00	0.00	821.00	95.98%	4.02%
	Unproductive artificial	9.00	0.00	2.00	9.00	0.00	1.00	593.00	0.00	614.00	96.58%	3.42%
	Inland waters	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.00	23.00	100.00%	0.00%
Total		28586.00	273.00	1899.00	404.00	81.00	835.00	594.00	23.00	32695.00	463.00 ha changed (1.42% of the area)	
Remains		99.18%	87.55%	95.68%	85.64%	91.36%	94.37%	99.83%	100.00%			
Lost		0.82%	12.45%	4.32%	14.36%	8.64%	5.63%	0.17%	0.00%			

Table S27. Land cover changes (in ha) in Massís del Montseny protected area between 2006 and 2009 when resampled using Mode method at 200 m resolution. The total area changed is shown in the red shadowed cell in the bottom right area of the table (summing up the change value, i.e. all except for the grey shadowed cells). Green shaded row highlight which category was in 2006 the area classified in 2009 as “Clear Forests”, while blue shaded row highlight which category was in 2006 the area classified in 2009 as “Meadows and grasslands”. On the other hand, blue shaded column highlight which category has become in 2009 the area classified in 2006 as “Meadows and grasslands”.

Land cover Changes (in ha) ✖ Mode at 200 m		2006								Total	Remains	Gained
		Dense forest	Clear forest	Shrublands	Meadows and grasslands	Unproductive natural	Crops	Unproductive artificial	Inland waters			
2009	Dense forest	29596.00	20.00	36.00	16.00	4.00	16.00	0.00	0.00	29688.00	99.69%	0.31%
	Clear forest	140.00	96.00	12.00	4.00	0.00	0.00	0.00	0.00	252.00	38.10%	61.90%
	Shrublands	8.00	0.00	1712.00	8.00	0.00	8.00	0.00	0.00	1736.00	98.62%	1.38%
	Meadows and grasslands	16.00	0.00	4.00	192.00	0.00	8.00	0.00	0.00	220.00	87.27%	12.73%
	Unproductive natural	0.00	0.00	0.00	0.00	32.00	0.00	0.00	0.00	32.00	100.00%	0.00%
	Crops	24.00	0.00	0.00	12.00	0.00	536.00	0.00	0.00	572.00	93.71%	6.29%
	Unproductive artificial	16.00	0.00	0.00	8.00	0.00	4.00	552.00	0.00	580.00	95.17%	4.83%
	Inland waters	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.00	16.00	100.00%	0.00%
Total		29800.00	116.00	1764.00	240.00	36.00	572.00	552.00	16.00	33096.00		
Remains		99.32%	82.76%	97.05%	80.00%	88.89%	93.71%	100.00%	100.00%	364.00 ha changed		
Lost		0.68%	17.24%	2.95%	20.00%	11.11%	6.29%	0.00%	0.00%	(1.10% of the area)		

Table S28. Land cover changes (in ha) in Massís del Montseny protected area between 2006 and 2009 when resampled using Incremental Mode method at 20 m resolution. The total area changed is shown in the red shadowed cell in the bottom right area of the table (summing up the change value, i.e. all except for the grey shadowed cells). Green shaded row highlight which category was in 2006 the area classified in 2009 as “Clear Forests”, while blue shaded row highlight which category was in 2006 the area classified in 2009 as “Meadows and grasslands”. On the other hand, blue shaded column highlight which category has become in 2009 the area classified in 2006 as “Meadows and grasslands”.

Land cover Changes (in ha) Incremental Mode at 20 m		2006							Total	Remains	Gained	
		Dense forest	Clear forest	Shrublands	Meadows and grasslands	Unproductive natural	Crops	Unproductive artificial				Inland waters
2009	Dense forest	26790.32	29.32	31.40	9.80	8.00	4.80	0.28	0.00	26873.92	99.69%	0.31%
	Clear forest	192.80	396.44	34.48	2.60	0.36	1.20	0.00	0.00	627.88	63.14%	36.86%
	Shrublands	21.40	0.36	2138.60	32.56	1.68	10.44	0.32	0.00	2205.36	96.97%	3.03%
	Meadows and grasslands	37.36	0.92	26.36	560.32	2.76	34.88	0.16	0.00	662.76	84.54%	15.46%
	Unproductive natural	3.48	0.04	0.84	1.80	311.72	1.04	0.00	0.00	318.92	97.74%	2.26%
	Crops	5.96	0.04	2.84	17.24	0.52	833.00	0.44	0.00	860.04	96.86%	3.14%
	Unproductive artificial	7.84	0.20	2.76	9.72	0.48	3.92	747.52	0.00	772.44	96.77%	3.23%
	Inland waters	0.00	0.00	0.00	0.00	0.12	0.00	0.00	28.24	28.36	99.58%	0.42%
Total		27059.16	427.32	2237.28	634.04	325.64	889.28	748.72	28.24	32349.68		
Remains		99.01%	92.77%	95.59%	88.37%	95.73%	93.67%	99.84%	100.00%	543.52 ha changed		

Lost	0.99%	7.23%	4.41%	11.63%	4.27%	6.33%	0.16%	0.00%	(1.68% of the area)
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Table S29. Land cover changes (in ha) in Massís del Montseny protected area between 2006 and 2009 when resampled using Incremental Mode method at 50 m resolution. The total area changed is shown in the red shadowed cell in the bottom right area of the table (summing up the change value, i.e. all except for the grey shadowed cells). Green shaded row highlight which category was in 2006 the area classified in 2009 as “Clear Forests”, while blue shaded row highlight which category was in 2006 the area classified in 2009 as “Meadows and grasslands”. On the other hand, blue shaded column highlight which category has become in 2009 the area classified in 2006 as “Meadows and grasslands”.

Land cover Changes (in ha) Incremental Mode at 50 m		2006								Total	Remains	Gained
		Dense forest	Clear forest	Shrublands	Meadows and grasslands	Unproductive natural	Crops	Unproductive artificial	Inland waters			
2009	Dense forest	27435.75	30.25	33.75	12.75	9.00	7.25	0.50	0.00	27529.25	99.66%	0.34%
	Clear forest	185.00	354.75	32.25	3.00	0.00	1.50	0.00	0.00	576.50	61.54%	38.46%
	Shrublands	18.25	0.00	1999.00	26.00	0.50	9.50	0.00	0.00	2053.25	97.36%	2.64%
	Meadows and grasslands	34.25	0.75	26.75	469.00	2.00	31.75	0.00	0.00	564.50	83.08%	16.92%
	Unproductive natural	2.75	0.00	0.75	1.00	178.75	0.75	0.00	0.00	184.00	97.15%	2.85%
	Crops	8.75	0.00	2.75	17.00	0.25	833.25	0.75	0.00	862.75	96.58%	3.42%
	Unproductive artificial	10.50	0.00	2.75	11.25	0.00	5.00	655.25	0.00	684.75	95.69%	4.31%
	Inland waters	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.25	28.25	100.00%	0.00%
	Total	27695.25	385.75	2098.00	540.00	190.50	889.00	656.50	28.25	32483.25		
	Remains	99.06%	91.96%	95.28%	86.85%	93.83%	93.73%	99.81%	100.00%		529.25 ha changed	
	Lost	0.94%	8.04%	4.72%	13.15%	6.17%	6.27%	0.19%	0.00%		(1.63% of the area)	

Table S30. Land cover changes (in ha) in Massís del Montseny protected area between 2006 and 2009 when resampled using Incremental Mode method at 100 m resolution. The total area changed is shown in the red shadowed cell in the bottom right area of the table (summing up the change value, i.e. all except for the grey shadowed cells). Green shaded row highlight which category was in 2006 the area classified in 2009 as “Clear Forests”, while blue shaded row highlight which category was in 2006 the area classified in 2009 as “Meadows and grasslands”. On the other hand, blue shaded column highlight which category has become in 2009 the area classified in 2006 as “Meadows and grasslands”.

Land cover Changes (in ha) Incremental Mode at 100 m		2006								Total	Remains	Gained
		Dense forest	Clear forest	Shrublands	Meadows and grasslands	Unproductive natural	Crops	Unproductive artificial	Inland waters			

2009	Dense forest	28156.00	27.00	37.00	17.00	8.00	9.00	1.00	0.00	28255.00	99.65%	0.35%
	Clear forest	171.00	281.00	31.00	4.00	0.00	1.00	0.00	0.00	488.00	57.58%	42.42%
	Shrublands	19.00	0.00	1866.00	16.00	0.00	8.00	0.00	0.00	1909.00	97.75%	2.25%
	Meadows and grasslands	32.00	0.00	22.00	373.00	2.00	25.00	0.00	0.00	454.00	82.16%	17.84%
	Unproductive natural	1.00	0.00	0.00	1.00	95.00	0.00	0.00	0.00	97.00	97.94%	2.06%
	Crops	7.00	0.00	3.00	20.00	0.00	784.00	2.00	0.00	816.00	96.08%	3.92%
	Unproductive artificial	17.00	0.00	2.00	13.00	0.00	3.00	618.00	0.00	653.00	94.64%	5.36%
	Inland waters	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.00	23.00	100.00%	0.00%
	Total	28403.00	308.00	1961.00	444.00	105.00	830.00	621.00	23.00	32695.00		
	Remains	99.13%	91.23%	95.16%	84.01%	90.48%	94.46%	99.52%	100.00%		499.00 ha changed	
	Lost	0.87%	8.77%	4.84%	15.99%	9.52%	5.54%	0.48%	0.00%		(1.53% of the area)	

Table S31. Land cover changes (in ha) in Massís del Montseny protected area between 2006 and 2009 when resampled using Incremental Mode method at 200 m resolution. The total area changed is shown in the red shadowed cell in the bottom right area of the table (summing up the change value, i.e. all except for the grey shadowed cells). Green shaded row highlight which category was in 2006 the area classified in 2009 as “Clear Forests”, while blue shaded row highlight which category was in 2006 the area classified in 2009 as “Meadows and grasslands”. On the other hand, blue shaded column highlight which category has become in 2009 the area classified in 2006 as “Meadows and grasslands”.

Land cover Changes (in ha)		2006								Total	Remains	Gained
		Dense forest	Clear forest	Shrublands	Meadows and grasslands	Unproductive natural	Crops	Unproductive artificial	Inland waters			
2009	Incremental Mode at 200 m											
	Dense forest	29312.00	20.00	52.00	8.00	8.00	8.00	0.00	0.00	29408.00	99.67%	0.33%
	Clear forest	128.00	156.00	12.00	8.00	0.00	4.00	0.00	0.00	308.00	50.65%	49.35%
	Shrublands	16.00	0.00	1768.00	8.00	0.00	4.00	0.00	0.00	1796.00	98.44%	1.56%
	Meadows and grasslands	16.00	0.00	8.00	228.00	0.00	16.00	0.00	0.00	268.00	85.07%	14.93%
	Unproductive natural	0.00	0.00	0.00	0.00	48.00	0.00	0.00	0.00	48.00	100.00%	0.00%
	Crops	24.00	0.00	4.00	16.00	0.00	604.00	0.00	0.00	648.00	93.21%	6.79%
	Unproductive artificial	24.00	0.00	0.00	16.00	0.00	8.00	556.00	0.00	604.00	92.05%	7.95%
	Inland waters	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.00	16.00	100.00%	0.00%
Total		29520.00	176.00	1844.00	284.00	56.00	644.00	556.00	16.00	33096.00		
Remains		99.30%	88.64%	95.88%	80.28%	85.71%	93.79%	100.00%	100.00%	408.00 ha changed		
Lost		0.70%	11.36%	4.12%	19.72%	14.29%	6.21%	0.00%	0.00%	(1.23% of the area)		

Table S32. Distribution of 2009 Meadows and Grasslands (rows) in 2006 categories (columns) in Massís del Montseny protected area (in ha). Original resolution and resampled resolutions using different methods are shown. Categories' acronyms are spelled out in previous tables.

		2006										
		Dense forest	Clear forest	Shrublands	Meadows and grasslands	Unproductive natural	Crops	Unproductive artificial	Total	Remains	Gained	
2009 Meadows and grasslands	Original	2	36.83	0.94	25.66	571.02	3.07	35.72	0.24	673.48	84.79 %	15.21 %
	Nearest Neighbor 	10	37.12	0.90	25.66	571.43	3.10	35.69	0.23	674.13	84.77 %	15.23 %
		20	37.16	1.00	25.84	571.40	3.00	35.88	0.28	674.56	84.71 %	15.29 %
		50	34.50	1.25	27.75	563.00	4.00	34.50	0.00	665.00	84.66 %	15.34 %
		100	40.00	0.00	23.00	547.00	4.00	41.00	0.00	655.00	83.51 %	16.49 %
		200	32.00	0.00	32.00	536.00	0.00	20.00	0.00	620.00	86.45 %	13.55 %
	Mode 	10	37.15	0.91	25.66	569.01	3.12	35.59	0.23	671.67	84.72 %	15.28 %
		20	37.16	0.96	25.72	559.28	2.80	35.48	0.36	661.76	84.51 %	15.49 %
		50	34.00	0.75	25.75	463.00	2.25	33.50	0.25	559.50	82.75 %	17.25 %
		100	23.00	0.00	17.00	346.00	1.00	24.00	0.00	411.00	84.18 %	15.82 %
		200	16.00	0.00	4.00	192.00	0.00	8.00	0.00	220.00	87.27 %	12.73 %
	Incremental Mode 	10	37.15	0.91	25.66	569.01	3.12	35.59	0.23	671.67	84.72 %	15.28 %
		20	37.36	0.92	26.36	560.32	2.76	34.88	0.16	662.76	84.54 %	15.46 %
		50	34.25	0.75	26.75	469.00	2.00	31.75	0.00	564.50	83.08 %	16.92 %
		100	32.00	0.00	22.00	373.00	2.00	25.00	0.00	454.00	82.16 %	17.84 %
		200	16.00	0.00	8.00	228.00	0.00	16.00	0.00	268.00	85.07 %	14.93 %

Table S33. Distribution of 2006 Meadows and Grasslands (columns) in 2009 categories (rows) in Massís del Montseny protected area (in ha). Original resolution and resampled resolutions using different methods are shown.

		2006 Meadows and Grasslands					
		Original	Nearest Neighbor				
		2	10	20	50	100	200
2009	Dense forest	9.87	9.86	9.44	9.75	11.00	12.00
	Clear forest	2.69	2.71	2.72	3.00	4.00	0.00
	Shrublands	32.30	32.38	32.36	32.75	31.00	28.00
	Meadows and grasslands	571.02	571.43	571.40	563.00	547.00	536.00
	Unproductive natural	1.89	1.85	1.96	1.50	4.00	4.00

	Crops	17.10	17.14	16.76	17.00	16.00	12.00
	Unproductive artificial	9.48	9.61	9.32	11.00	9.00	8.00
	Total	644.34	644.98	643.96	638.00	622.00	600.00
	Remains	88.62 %	88.60 %	88.73 %	88.24 %	87.94 %	89.33 %
	Lost	11.38 %	11.40 %	11.27 %	11.76 %	12.06 %	10.67 %
	Original	 Mode					
	2	10	20	50	100	200	
2009	Dense forest	9.87	9.91	9.68	11.75	11.00	16.00
	Clear forest	2.69	2.67	2.80	2.25	4.00	4.00
	Shrublands	32.30	32.40	31.12	26.25	16.00	8.00
	Meadows and grasslands	571.02	569.01	559.28	463.00	346.00	192.00
	Unproductive natural	1.89	1.85	1.88	1.00	1.00	0.00
	Crops	17.10	17.08	17.32	17.75	17.00	12.00
	Unproductive artificial	9.48	9.63	9.52	11.00	9.00	8.00
	Total	644.34	642.55	631.60	533.00	404.00	240.00
	Remains	88.62 %	88.55 %	88.55 %	86.87 %	85.64 %	80.00 %
	Lost	11.38 %	11.45 %	11.45 %	13.13 %	14.36 %	20.00 %
	Original	 Incremental Mode					
	2	10	20	50	100	200	
2009	Dense forest	9.87	9.91	9.80	12.75	17.00	8.00
	Clear forest	2.69	2.67	2.60	3.00	4.00	8.00
	Shrublands	32.30	32.40	32.56	26.00	16.00	8.00
	Meadows and grasslands	571.02	569.01	560.32	469.00	373.00	228.00
	Unproductive natural	1.89	1.85	1.80	1.00	1.00	0.00
	Crops	17.10	17.08	17.24	17.00	20.00	16.00
	Unproductive artificial	9.48	9.63	9.72	11.25	13.00	16.00
	Total	644.34	642.55	634.04	540.00	444.00	284.00
	Remains	88.62 %	88.55 %	88.37 %	86.85 %	84.01 %	80.28 %
	Lost	11.38 %	11.45 %	11.63 %	13.15 %	15.99 %	19.72 %

S3. *Evaluation of a single quantitative dataset*

Table 34. Characteristics of the NDVI values computed using the six studied images (two per each protected area) at the original 10 m and 20 m resolution using several resampling methods. Values in the table represent the NDVI values for each resampling and method; while the values in brackets represent the variation of these values compared to the equivalent value at the original resolution. Absolute variations between [0.025-0.05] are shown in yellow and those higher than 0.05 in red.

PA	Image date	NDVI values	Original (10m)	Nearest neighbor (20m)	Average (20m)	Median (20m)	Incremental median (20m)
Camargue	20/4/2018	Minimum	-0.7728	-0.7665 (0.0063)	-0.7585 (0.0143)	-0.7560 (0.0167)	-0.7560 (0.0167)
		Mean	0.1382	0.1382 (0.0000)	0.1394 (0.0013)	0.1392 (0.0010)	0.1392 (0.0010)
		Maximum	0.9379	0.9371 (-0.0008)	0.9345 (-0.0034)	0.9341 (-0.0038)	0.9341 (-0.0038)
		Std. Dev.	0.4451	0.4451 (0.0000)	0.4430 (-0.0022)	0.4440 (-0.0012)	0.4440 (-0.0012)
		First quartile	-0.3143	-0.3143 (0.0000)	-0.3123 (0.0020)	-0.3129 (0.0014)	-0.3129 (0.0014)
		Median	0.1722	0.1723 (0.0001)	0.1793 (0.0071)	0.1772 (0.0050)	0.1772 (0.0050)
		Third quartile	0.4972	0.4971 (-0.0001)	0.4948 (-0.0024)	0.4964 (-0.0008)	0.4964 (-0.0008)
		Abs. Dev. Median	0.3866	0.3866 (0.0000)	0.3844 (-0.0021)	0.3856 (-0.0010)	0.3856 (-0.0010)
	27/2/2019	Minimum	-0.9975	-0.9975 (0.0000)	-0.8916 (0.1059)	-0.8894 (0.1081)	-0.8894 (0.1081)
		Mean	0.0379	0.0379 (0.0000)	0.0390 (0.0011)	0.0387 (0.0008)	0.0387 (0.0008)
		Maximum	0.8711	0.8686 (-0.0025)	0.8620 (-0.0091)	0.8621 (-0.0090)	0.8621 (-0.0090)
		Std. Dev.	0.5021	0.5021 (0.0000)	0.5002 (-0.0019)	0.5009 (-0.0012)	0.5009 (-0.0012)
		First quartile	-0.5731	-0.5730 (0.0000)	-0.5736 (-0.0006)	-0.5738 (-0.0007)	-0.5738 (-0.0007)
		Median	0.2072	0.2072 (0.0000)	0.2118 (0.0046)	0.2104 (0.0032)	0.2104 (0.0032)
		Third quartile	0.4682	0.4682 (0.0000)	0.4652 (-0.0029)	0.4670 (-0.0012)	0.4670 (-0.0012)
		Abs. Dev. Median	0.4220	0.4220 (0.0000)	0.4195 (-0.0025)	0.4206 (-0.0013)	0.4206 (-0.0013)
Har Ha Negev	23/9/2018	Minimum	-0.3945	-0.3945 (0.0000)	-0.1855 (0.2090)	-0.1805 (0.2140)	-0.1805 (0.2140)
		Mean	0.1961	0.1961 (0.0000)	0.1960 (-0.0001)	0.1961 (0.0000)	0.1961 (0.0000)
		Maximum	0.6983	0.6953 (-0.0030)	0.6685 (-0.0298)	0.6660 (-0.0323)	0.6660 (-0.0323)
		Std. Dev.	0.0253	0.0253 (0.0000)	0.0241 (-0.0012)	0.0243 (-0.0010)	0.0243 (-0.0010)
		First quartile	0.1874	0.1874 (0.0000)	0.1880 (0.0007)	0.1880 (0.0006)	0.1880 (0.0006)
		Median	0.1970	0.1970 (0.0000)	0.1970 (-0.0001)	0.1970 (0.0000)	0.1970 (0.0000)
		Third quartile	0.2069	0.2069 (0.0000)	0.2064 (-0.0006)	0.2065 (-0.0005)	0.2065 (-0.0005)
		Abs. Dev. Median	0.0150	0.0150 (0.0000)	0.0143 (-0.0008)	0.0144 (-0.0007)	0.0144 (-0.0007)
	17/11/2018	Minimum	-0.9873	-0.9868 (0.0006)	-0.9855 (0.0018)	-0.9852 (0.0022)	-0.9852 (0.0022)
		Mean	0.2141	0.2141 (0.0000)	0.2139 (-0.0002)	0.2140 (-0.0001)	0.2140 (-0.0001)
		Maximum	0.9946	0.9404 (-0.0542)	0.9235 (-0.0711)	0.9244 (-0.0702)	0.9244 (-0.0702)
		Std. Dev.	0.0382	0.0382 (0.0000)	0.0362 (-0.0021)	0.0366 (-0.0016)	0.0366 (-0.0016)
		First quartile	0.2018	0.2018 (0.0000)	0.2028 (0.0010)	0.2026 (0.0009)	0.2026 (0.0009)
		Median	0.2132	0.2132 (0.0000)	0.2129 (-0.0002)	0.2130 (-0.0001)	0.2130 (-0.0001)
		Third quartile	0.2249	0.2249 (0.0000)	0.2237 (-0.0012)	0.2240 (-0.0009)	0.2240 (-0.0009)
		Abs. Dev. Median	0.0187	0.0187 (0.0000)	0.0171 (-0.0016)	0.0173 (-0.0013)	0.0173 (-0.0013)
Sierra Nevada	23/6/2018	Minimum	-0.5226	-0.4878 (0.0348)	-0.4678 (0.0548)	-0.4682 (0.0544)	-0.4682 (0.0544)
		Mean	0.4029	0.4029 (0.0000)	0.4025 (-0.0005)	0.4031 (0.0001)	0.4031 (0.0001)
		Maximum	0.9960	0.9954 (-0.0006)	0.9957 (-0.0003)	0.9957 (-0.0003)	0.9957 (-0.0003)
		Std. Dev.	0.1721	0.1721 (0.0000)	0.1693 (-0.0028)	0.1696 (-0.0025)	0.1696 (-0.0025)
		First quartile	0.3038	0.3038 (0.0000)	0.3073 (0.0035)	0.3071 (0.0033)	0.3071 (0.0033)
		Median	0.4115	0.4115 (0.0000)	0.4118 (0.0003)	0.4120 (0.0006)	0.4120 (0.0006)
		Third quartile	0.5276	0.5276 (0.0000)	0.5238 (-0.0038)	0.5251 (-0.0025)	0.5251 (-0.0025)
		Abs. Dev. Median	0.1355	0.1355 (0.0000)	0.1326 (-0.0030)	0.1330 (-0.0025)	0.1330 (-0.0025)
	27/8/2018	Minimum	-0.9968	-0.9968 (0.0000)	-0.9967 (0.0001)	-0.9967 (0.0001)	-0.9967 (0.0001)
		Mean	0.4129	0.4129 (0.0000)	0.4127 (-0.0003)	0.4130 (0.0001)	0.4130 (0.0001)
		Maximum	0.9928	0.9928 (0.0000)	0.8880 (-0.1048)	0.9487 (-0.0440)	0.9487 (-0.0440)
		Std. Dev.	0.1743	0.1743 (0.0000)	0.1706 (-0.0037)	0.1715 (-0.0028)	0.1715 (-0.0028)
		First quartile	0.2936	0.2935 (-0.0001)	0.2968 (0.0032)	0.2964 (0.0029)	0.2964 (0.0029)
		Median	0.3991	0.3991 (0.0000)	0.4000 (0.0009)	0.3999 (0.0008)	0.3999 (0.0008)
		Third quartile	0.5406	0.5406 (0.0000)	0.5361 (-0.0045)	0.5376 (-0.0031)	0.5376 (-0.0031)
		Abs. Dev. Median	0.1418	0.1419 (0.0000)	0.1385 (-0.0034)	0.1392 (-0.0026)	0.1392 (-0.0026)

Table S35. Characteristics of the NDVI values computed using the six studied images (two per each protected area) at the original 10 m and 60 m resolution using several resampling methods. Values in the table represent the NDVI values for each resampling and method; while the values in brackets represent the variation of these values compared to the equivalent value at the original resolution. Absolute variations between [0.025–0.05) are shown in yellow and those higher than 0.05 in red.

PA	Image date	NDVI values	Original (10m)	Nearest neighbor (60m)	Average (60m)	Median (60m)	Incremental median (60m)
Camargue	20/4/2018	Minimum	-0.7728	-0.7521 (0.0207)	-0.7485 (0.0243)	-0.7506 (0.0222)	-0.7485 (0.0243)
		Mean	0.1382	0.1383 (0.0001)	0.1448 (0.0066)	0.1408 (0.0026)	0.1411 (0.0029)
		Maximum	0.9379	0.9371 (-0.0008)	0.9305 (-0.0075)	0.9323 (-0.0056)	0.9323 (-0.0056)
		Std. Dev.	0.4451	0.4452 (0.0001)	0.4351 (-0.0100)	0.4445 (-0.0006)	0.4438 (-0.0014)
		First quartile	-0.3143	-0.3142 (0.0001)	-0.3039 (0.0104)	-0.3125 (0.0018)	-0.3117 (0.0026)
		Median	0.1722	0.1720 (-0.0002)	0.2015 (0.0293)	0.1834 (0.0112)	0.1852 (0.0130)
		Third quartile	0.4972	0.4976 (0.0004)	0.4880 (-0.0092)	0.4984 (0.0012)	0.4976 (0.0004)
		Abs. Dev. Median	0.3866	0.3866 (0.0000)	0.3757 (-0.0108)	0.3867 (0.0001)	0.3859 (-0.0006)
	27/2/2019	Minimum	-0.9975	-0.9975 (0.0000)	-0.8679 (0.1296)	-0.8675 (0.1300)	-0.8702 (0.1273)
		Mean	0.0379	0.0379 (0.0000)	0.0437 (0.0058)	0.0388 (0.0009)	0.0393 (0.0014)
		Maximum	0.8711	0.8686 (-0.0025)	0.8514 (-0.0197)	0.8546 (-0.0166)	0.8541 (-0.0170)
		Std. Dev.	0.5021	0.5020 (0.0000)	0.4935 (-0.0086)	0.5001 (-0.0020)	0.4998 (-0.0023)
		First quartile	-0.5731	-0.5729 (0.0001)	-0.5693 (0.0038)	-0.5747 (-0.0016)	-0.5747 (-0.0016)
		Median	0.2072	0.2070 (-0.0001)	0.2277 (0.0205)	0.2130 (0.0058)	0.2146 (0.0074)
		Third quartile	0.4682	0.4680 (-0.0001)	0.4560 (-0.0122)	0.4677 (-0.0005)	0.4669 (-0.0013)
		Abs. Dev. Median	0.4220	0.4219 (-0.0001)	0.4096 (-0.0124)	0.4193 (-0.0026)	0.4189 (-0.0030)
Har Ha Negev	23/9/2018	Minimum	-0.3945	-0.1730 (0.2215)	-0.1531 (0.2414)	-0.1579 (0.2366)	-0.1525 (0.2420)
		Mean	0.1961	0.1961 (0.0000)	0.1959 (-0.0002)	0.1963 (0.0002)	0.1962 (0.0001)
		Maximum	0.6983	0.6632 (-0.0351)	0.5457 (-0.1527)	0.6088 (-0.0895)	0.6154 (-0.0829)
		Std. Dev.	0.0253	0.0252 (0.0000)	0.0220 (-0.0033)	0.0227 (-0.0025)	0.0229 (-0.0023)
		First quartile	0.1874	0.1874 (0.0000)	0.1889 (0.0015)	0.1889 (0.0016)	0.1887 (0.0014)
		Median	0.1970	0.1970 (0.0000)	0.1972 (0.0002)	0.1972 (0.0002)	0.1972 (0.0002)
		Third quartile	0.2069	0.2069 (0.0000)	0.2058 (-0.0011)	0.2058 (-0.0011)	0.2060 (-0.0009)
		Abs. Dev. Median	0.0150	0.0150 (0.0000)	0.0132 (-0.0019)	0.0132 (-0.0018)	0.0135 (-0.0016)
	17/11/2018	Minimum	-0.9873	-0.9808 (0.0066)	-0.9718 (0.0155)	-0.9718 (0.0155)	-0.9697 (0.0176)
		Mean	0.2141	0.2140 (-0.0001)	0.2136 (-0.0005)	0.2140 (-0.0001)	0.2139 (-0.0002)
		Maximum	0.9946	0.9079 (-0.0867)	0.9120 (-0.0826)	0.9098 (-0.0847)	0.9097 (-0.0849)
		Std. Dev.	0.0382	0.0385 (0.0002)	0.0325 (-0.0058)	0.0347 (-0.0036)	0.0349 (-0.0034)
		First quartile	0.2018	0.2018 (0.0000)	0.2037 (0.0019)	0.2036 (0.0018)	0.2033 (0.0015)
		Median	0.2132	0.2131 (-0.0001)	0.2130 (-0.0001)	0.2130 (-0.0001)	0.2130 (-0.0002)
		Third quartile	0.2249	0.2249 (0.0000)	0.2228 (-0.0021)	0.2229 (-0.0020)	0.2232 (-0.0017)
		Abs. Dev. Median	0.0187	0.0187 (0.0000)	0.0153 (-0.0033)	0.0158 (-0.0029)	0.0162 (-0.0025)
Sierra Nevada	23/6/2018	Minimum	-0.5226	-0.4878 (0.0348)	-0.3430 (0.1796)	-0.3502 (0.1724)	-0.3660 (0.1566)
		Mean	0.4029	0.4029 (0.0000)	0.4012 (-0.0017)	0.4061 (0.0032)	0.4055 (0.0026)
		Maximum	0.9960	0.9954 (-0.0006)	0.9533 (-0.0427)	0.9614 (-0.0346)	0.9619 (-0.0341)
		Std. Dev.	0.1721	0.1720 (0.0000)	0.1628 (-0.0092)	0.1634 (-0.0086)	0.1638 (-0.0083)
		First quartile	0.3038	0.3037 (-0.0001)	0.3150 (0.0112)	0.3165 (0.0127)	0.3159 (0.0121)
		Median	0.4115	0.4115 (0.0000)	0.4135 (0.0020)	0.4160 (0.0045)	0.4154 (0.0040)
		Third quartile	0.5276	0.5275 (-0.0001)	0.5155 (-0.0120)	0.5227 (-0.0049)	0.5222 (-0.0053)
		Abs. Dev. Median	0.1355	0.1355 (-0.0001)	0.1257 (-0.0098)	0.1273 (-0.0083)	0.1275 (-0.0081)
	27/8/2018	Minimum	-0.9968	-0.9967 (0.0001)	-0.9867 (0.0101)	-0.9915 (0.0053)	-0.9913 (0.0055)
		Mean	0.4129	0.4130 (0.0000)	0.4121 (-0.0009)	0.4155 (0.0026)	0.4151 (0.0021)
		Maximum	0.9928	0.9714 (-0.0213)	0.8487 (-0.1441)	0.8569 (-0.1359)	0.8626 (-0.1301)
		Std. Dev.	0.1743	0.1744 (0.0000)	0.1612 (-0.0131)	0.1659 (-0.0084)	0.1660 (-0.0084)
		First quartile	0.2936	0.2936 (0.0001)	0.3046 (0.0110)	0.3045 (0.0110)	0.3040 (0.0104)
		Median	0.3991	0.3991 (0.0000)	0.4027 (0.0035)	0.4038 (0.0047)	0.4034 (0.0043)
		Third quartile	0.5406	0.5407 (0.0001)	0.5269 (-0.0137)	0.5354 (-0.0052)	0.5349 (-0.0057)
		Abs. Dev. Median	0.1418	0.1418 (0.0000)	0.1302 (-0.0116)	0.1342 (-0.0076)	0.1343 (-0.0075)

Table S36. Characteristics of the NDVI values computed using the six studied images (two per each protected area) at the original 10 m and 100 m resolution using several resampling methods. Values

in the table represent the NDVI values for each resampling and method; while the values in brackets represent the variation of these values compared to the equivalent value at the original resolution. Absolute variations between [0.025-0.05] are shown in yellow and those higher than 0.05 in red.

PA	Image date	NDVI values	Original (10m)	Nearest neighbor (100m)	Average (100m)	Median (100m)	Incremental median (100m)
Camargue	20/4/2018	Minimum	-0.7728	-0.7581 (0.0147)	-0.7430 (0.0298)	-0.7424 (0.0304)	-0.7399 (0.0329)
		Mean	0.1382	0.1379 (-0.0003)	0.1495 (0.0114)	0.1420 (0.0038)	0.1425 (0.0043)
		Maximum	0.9379	0.9320 (-0.0059)	0.9294 (-0.0085)	0.9303 (-0.0076)	0.9304 (-0.0075)
		Std. Dev.	0.4451	0.4451 (0.0000)	0.4283 (-0.0168)	0.4441 (-0.0011)	0.4433 (-0.0018)
		First quartile	-0.3143	-0.3145 (-0.0002)	-0.2975 (0.0168)	-0.3121 (0.0022)	-0.3113 (0.0030)
		Median	0.1722	0.1722 (0.0000)	0.2155 (0.0433)	0.1909 (0.0187)	0.1933 (0.0211)
		Third quartile	0.4972	0.4965 (-0.0007)	0.4851 (-0.0121)	0.4983 (0.0011)	0.4979 (0.0007)
		Abs. Dev. Median	0.3866	0.3865 (-0.0001)	0.3683 (-0.0183)	0.3865 (-0.0001)	0.3857 (-0.0009)
	27/2/2019	Minimum	-0.9975	-0.8837 (0.1138)	-0.8633 (0.1342)	-0.8658 (0.1317)	-0.8636 (0.1339)
		Mean	0.0379	0.0377 (-0.0002)	0.0478 (0.0099)	0.0390 (0.0011)	0.0396 (0.0017)
		Maximum	0.8711	0.8566 (-0.0145)	0.8377 (-0.0334)	0.8477 (-0.0234)	0.8472 (-0.0239)
		Std. Dev.	0.5021	0.5019 (-0.0002)	0.4875 (-0.0145)	0.4991 (-0.0030)	0.4987 (-0.0034)
		First quartile	-0.5731	-0.5730 (0.0000)	-0.5629 (0.0102)	-0.5747 (-0.0016)	-0.5742 (-0.0012)
		Median	0.2072	0.2066 (-0.0006)	0.2354 (0.0283)	0.2155 (0.0083)	0.2176 (0.0104)
		Third quartile	0.4682	0.4678 (-0.0004)	0.4500 (-0.0182)	0.4668 (-0.0014)	0.4662 (-0.0020)
		Abs. Dev. Median	0.4220	0.4217 (-0.0003)	0.4012 (-0.0208)	0.4178 (-0.0042)	0.4172 (-0.0047)
Har Ha Negev	23/9/2018	Minimum	-0.3945	-0.1140 (0.2805)	0.0524 (0.4470)	-0.1462 (0.2484)	-0.1450 (0.2496)
		Mean	0.1961	0.1963 (0.0002)	0.1959 (-0.0002)	0.1964 (0.0003)	0.1964 (0.0003)
		Maximum	0.6983	0.6210 (-0.0774)	0.5207 (-0.1776)	0.5324 (-0.1659)	0.5270 (-0.1713)
		Std. Dev.	0.0253	0.0255 (0.0002)	0.0208 (-0.0045)	0.0215 (-0.0038)	0.0217 (-0.0036)
		First quartile	0.1874	0.1874 (0.0001)	0.1894 (0.0020)	0.1897 (0.0024)	0.1895 (0.0022)
		Median	0.1970	0.1970 (0.0000)	0.1975 (0.0005)	0.1976 (0.0005)	0.1975 (0.0005)
		Third quartile	0.2069	0.2069 (0.0000)	0.2055 (-0.0015)	0.2055 (-0.0015)	0.2056 (-0.0013)
		Abs. Dev. Median	0.0150	0.0151 (0.0000)	0.0125 (-0.0025)	0.0124 (-0.0026)	0.0126 (-0.0024)
	17/11/2018	Minimum	-0.9873	-0.9823 (0.0050)	0.0150 (1.0024)	-0.9588 (0.0286)	-0.9560 (0.0313)
		Mean	0.2141	0.2142 (0.0001)	0.2136 (-0.0005)	0.2140 (-0.0001)	0.2140 (-0.0001)
		Maximum	0.9946	0.9087 (-0.0859)	0.8949 (-0.0997)	0.8967 (-0.0979)	0.8980 (-0.0966)
		Std. Dev.	0.0382	0.0387 (0.0004)	0.0296 (-0.0086)	0.0327 (-0.0056)	0.0328 (-0.0054)
		First quartile	0.2018	0.2018 (0.0000)	0.2042 (0.0024)	0.2045 (0.0027)	0.2041 (0.0023)
		Median	0.2132	0.2132 (0.0000)	0.2133 (0.0001)	0.2132 (0.0000)	0.2131 (0.0000)
		Third quartile	0.2249	0.2249 (0.0000)	0.2223 (-0.0026)	0.2222 (-0.0027)	0.2226 (-0.0024)
		Abs. Dev. Median	0.0187	0.0187 (0.0000)	0.0143 (-0.0043)	0.0145 (-0.0041)	0.0149 (-0.0037)
Sierra Nevada	23/6/2018	Minimum	-0.5226	-0.3980 (0.1246)	-0.2900 (0.2326)	-0.2922 (0.2304)	-0.2883 (0.2343)
		Mean	0.4029	0.4029 (0.0000)	0.4004 (-0.0026)	0.4076 (0.0047)	0.4070 (0.0041)
		Maximum	0.9960	0.8699 (-0.1261)	0.9657 (-0.0303)	0.9702 (-0.0258)	0.9619 (-0.0341)
		Std. Dev.	0.1721	0.1723 (0.0002)	0.1593 (-0.0127)	0.1592 (-0.0128)	0.1595 (-0.0126)
		First quartile	0.3038	0.3031 (-0.0007)	0.3185 (0.0147)	0.3210 (0.0172)	0.3205 (0.0167)
		Median	0.4115	0.4110 (-0.0004)	0.4146 (0.0031)	0.4177 (0.0063)	0.4174 (0.0059)
		Third quartile	0.5276	0.5280 (0.0005)	0.5122 (-0.0154)	0.5210 (-0.0066)	0.5204 (-0.0072)
		Abs. Dev. Median	0.1355	0.1359 (0.0003)	0.1221 (-0.0134)	0.1235 (-0.0120)	0.1237 (-0.0119)
	27/8/2018	Minimum	-0.9968	-0.9886 (0.0081)	-0.9571 (0.0397)	-0.9905 (0.0063)	-0.9902 (0.0065)
		Mean	0.4129	0.4130 (0.0001)	0.4116 (-0.0013)	0.4167 (0.0038)	0.4163 (0.0034)
		Maximum	0.9928	0.8826 (-0.1101)	0.8233 (-0.1694)	0.8268 (-0.1659)	0.8282 (-0.1645)
		Std. Dev.	0.1743	0.1743 (0.0000)	0.1558 (-0.0186)	0.1620 (-0.0123)	0.1620 (-0.0123)
		First quartile	0.2936	0.2934 (-0.0002)	0.3084 (0.0148)	0.3089 (0.0153)	0.3086 (0.0150)
		Median	0.3991	0.3994 (0.0002)	0.4044 (0.0053)	0.4058 (0.0067)	0.4057 (0.0065)
		Third quartile	0.5406	0.5407 (0.0001)	0.5225 (-0.0181)	0.5337 (-0.0069)	0.5329 (-0.0078)
		Abs. Dev. Median	0.1418	0.1419 (0.0001)	0.1255 (-0.0163)	0.1308 (-0.0110)	0.1308 (-0.0110)

Table S37. Characteristics of the NDVI values computed using the six studied images (two per each protected area) at the original 10 m and 200 m resolution using several resampling methods. Values in the table represent the NDVI values for each resampling and method; while the values in brackets

represent the variation of these values compared to the equivalent value at the original resolution.
Absolute variations between [0.025-0.05) are shown in yellow and those higher than 0.05 in red.

PA	Image date	NDVI values	Original (10m)	Nearest neighbor (200m)	Average (200m)	Median (200m)	Incremental median (200m)
Camargue	20/4/2018	Minimum	-0.7728	-0.7382 (0.0346)	-0.7250 (0.0478)	-0.7340 (0.0388)	-0.7353 (0.0375)
		Mean	0.1382	0.1381 (0.0000)	0.1586 (0.0205)	0.1463 (0.0082)	0.1508 (0.0127)
		Maximum	0.9379	0.9334 (-0.0045)	0.9129 (-0.0250)	0.9251 (-0.0128)	0.9264 (-0.0115)
		Std. Dev.	0.4451	0.4458 (0.0007)	0.4149 (-0.0302)	0.4419 (-0.0032)	0.4356 (-0.0095)
		First quartile	-0.3143	-0.3146 (-0.0004)	-0.2868 (0.0275)	-0.3106 (0.0037)	-0.3029 (0.0114)
		Median	0.1722	0.1712 (-0.0010)	0.2357 (0.0635)	0.2119 (0.0397)	0.2192 (0.0470)
		Third quartile	0.4972	0.4992 (0.0020)	0.4823 (-0.0149)	0.5006 (0.0033)	0.4987 (0.0015)
		Abs. Dev. Median	0.3866	0.3877 (0.0011)	0.3548 (-0.0318)	0.3846 (-0.0020)	0.3774 (-0.0092)
	27/2/2019	Minimum	-0.9975	-0.8752 (0.1223)	-0.8568 (0.1407)	-0.8546 (0.1429)	-0.8547 (0.1428)
		Mean	0.0379	0.0383 (0.0004)	0.0563 (0.0184)	0.0418 (0.0039)	0.0465 (0.0085)
		Maximum	0.8711	0.8504 (-0.0207)	0.8076 (-0.0635)	0.8290 (-0.0421)	0.8281 (-0.0430)
		Std. Dev.	0.5021	0.5027 (0.0006)	0.4756 (-0.0264)	0.4957 (-0.0063)	0.4903 (-0.0117)
		First quartile	-0.5731	-0.5726 (0.0005)	-0.5459 (0.0271)	-0.5721 (0.0009)	-0.5659 (0.0072)
		Median	0.2072	0.2072 (0.0000)	0.2456 (0.0384)	0.2259 (0.0188)	0.2283 (0.0211)
		Third quartile	0.4682	0.4693 (0.0011)	0.4408 (-0.0274)	0.4628 (-0.0054)	0.4587 (-0.0094)
		Abs. Dev. Median	0.4220	0.4226 (0.0007)	0.3861 (-0.0359)	0.4128 (-0.0091)	0.4056 (-0.0163)
Har Ha Negev	23/9/2018	Minimum	-0.3945	-0.0560 (0.3385)	0.0978 (0.4923)	0.0862 (0.4807)	0.0875 (0.4820)
		Mean	0.1961	0.1961 (0.0001)	0.1958 (-0.0003)	0.1967 (0.0006)	0.1965 (0.0004)
		Maximum	0.6983	0.5090 (-0.1894)	0.4578 (-0.2405)	0.5087 (-0.1896)	0.5148 (-0.1835)
		Std. Dev.	0.0253	0.0249 (-0.0004)	0.0189 (-0.0064)	0.0197 (-0.0056)	0.0197 (-0.0056)
		First quartile	0.1874	0.1876 (0.0003)	0.1904 (0.0031)	0.1912 (0.0039)	0.1906 (0.0033)
		Median	0.1970	0.1972 (0.0002)	0.1981 (0.0010)	0.1984 (0.0014)	0.1982 (0.0011)
		Third quartile	0.2069	0.2070 (0.0001)	0.2048 (-0.0021)	0.2052 (-0.0018)	0.2052 (-0.0017)
		Abs. Dev. Median	0.0150	0.0149 (-0.0001)	0.0114 (-0.0036)	0.0112 (-0.0039)	0.0114 (-0.0036)
	17/11/2018	Minimum	-0.9873	-0.0764 (0.9110)	0.0674 (1.0547)	0.0220 (1.0094)	0.0096 (0.9970)
		Mean	0.2141	0.2143 (0.0002)	0.2134 (-0.0007)	0.2142 (0.0001)	0.2140 (-0.0001)
		Maximum	0.9946	0.8817 (-0.1129)	0.8184 (-0.1762)	0.8728 (-0.1218)	0.8771 (-0.1175)
		Std. Dev.	0.0382	0.0366 (-0.0017)	0.0257 (-0.0125)	0.0287 (-0.0096)	0.0280 (-0.0102)
		First quartile	0.2018	0.2019 (0.0002)	0.2052 (0.0034)	0.2059 (0.0041)	0.2054 (0.0036)
		Median	0.2132	0.2132 (0.0001)	0.2136 (0.0005)	0.2138 (0.0006)	0.2138 (0.0006)
		Third quartile	0.2249	0.2251 (0.0002)	0.2216 (-0.0033)	0.2214 (-0.0036)	0.2217 (-0.0032)
		Abs. Dev. Median	0.0187	0.0184 (-0.0002)	0.0128 (-0.0059)	0.0125 (-0.0062)	0.0130 (-0.0057)
Sierra Nevada	23/6/2018	Minimum	-0.5226	-0.2858 (0.2368)	-0.1878 (0.3348)	-0.2491 (0.2735)	-0.2493 (0.2733)
		Mean	0.4029	0.4032 (0.0003)	0.3991 (-0.0038)	0.4087 (0.0058)	0.4074 (0.0045)
		Maximum	0.9960	0.8633 (-0.1327)	0.9506 (-0.0454)	0.9469 (-0.0491)	0.9464 (-0.0496)
		Std. Dev.	0.1721	0.1719 (-0.0001)	0.1539 (-0.0182)	0.1530 (-0.0191)	0.1534 (-0.0187)
		First quartile	0.3038	0.3032 (-0.0006)	0.3234 (0.0196)	0.3276 (0.0238)	0.3268 (0.0230)
		Median	0.4115	0.4127 (0.0012)	0.4171 (0.0056)	0.4204 (0.0090)	0.4200 (0.0085)
		Third quartile	0.5276	0.5272 (-0.0004)	0.5058 (-0.0218)	0.5163 (-0.0113)	0.5149 (-0.0127)
		Abs. Dev. Median	0.1355	0.1355 (0.0000)	0.1167 (-0.0188)	0.1180 (-0.0175)	0.1181 (-0.0175)
	27/8/2018	Minimum	-0.9968	-0.9912 (0.0056)	-0.5365 (0.4602)	-0.9258 (0.0710)	-0.9195 (0.0773)
		Mean	0.4129	0.4131 (0.0002)	0.4107 (-0.0022)	0.4174 (0.0045)	0.4165 (0.0035)
		Maximum	0.9928	0.8554 (-0.1373)	0.8164 (-0.1763)	0.8194 (-0.1734)	0.8170 (-0.1757)
		Std. Dev.	0.1743	0.1743 (0.0000)	0.1474 (-0.0269)	0.1560 (-0.0183)	0.1549 (-0.0194)
		First quartile	0.2936	0.2929 (-0.0007)	0.3145 (0.0209)	0.3149 (0.0213)	0.3145 (0.0209)
		Median	0.3991	0.4001 (0.0010)	0.4076 (0.0085)	0.4080 (0.0088)	0.4083 (0.0092)
		Third quartile	0.5406	0.5405 (-0.0001)	0.5151 (-0.0255)	0.5294 (-0.0112)	0.5274 (-0.0133)
		Abs. Dev. Median	0.1418	0.1418 (-0.0001)	0.1185 (-0.0233)	0.1256 (-0.0163)	0.1248 (-0.0170)