

Supplementary Information

List of main products: Rice, oats, barley, rye, maize, sorghum, wheat, triticale, raw cotton fiber, saffron, sugar cane, hops, sugar beet, raw cotton seed, hemp for fiber, sunflower, linseed, soya bean, tobacco, alfalfa, ryegrass, sainfoin, forage maize, other grasses, other legumes for fodder, forage sorghum, clover, vetch forage, lemon, mandarin, orange, other citrus, grapefruit, avocado, apricot, cherry and sour cherry, custard apple, plum, pomegranate, fig, kiwi, apple, peach, loquat, banana, pear, grapes, raisin, almond, hazel, walnut, chard, garlic, artichoke, aubergine, courgette, onion, cabbage, cauliflower, endive, asparagus, spinach, strawberry, green peas, green beans, green broad beans, lettuce, melon, cucumber, pepper, watermelon, tomato, carrot, lupin, chickpea, peas, dried beans, broad beans, lentils, vetches, olives, olives for mill, carobs, potato, grape for wine.

Table S1. Provincial blue WFs (hm³) in 1955. Absolute numbers.

Province	Cereals	Industrial crops	Fodder crops	Horticultural products	Legumes	Tubers	Grapes for wine	Fruit trees	Olive	Total
Almería	11.2	8.9	32.9	5.4	0.4	7.1	1.8	48.8	13.4	130.0
Cádiz	37.2	57.6	14.3	10.2	1.4	3.4	53.0	10.3	18.8	206.0
Córdoba	117.0	210.8	39.7	11.2	6.7	5.0	27.1	9.7	247.5	674.7
Granada	66.5	93.7	35.8	15.4	14.3	12.0	7.3	34.8	28.3	308.1
Huelva	58.8	5.5	16.9	11.9	2.4	1.0	66.3	14.6	14.3	191.9
Jaén	62.0	19.0	29.3	9.4	4.9	10.1	2.2	11.4	255.0	403.3
Málaga	40.8	50.7	48.8	21.3	4.4	21.7	7.0	58.9	68.1	321.5
Sevilla	393.7	155.0	125.6	19.7	9.0	14.4	7.1	16.2	154.7	895.5
Huesca	78.4	11.1	34.1	4.4	0.3	6.5	2.2	8.0	5.7	150.9
Teruel	37.2	7.2	14.2	1.9	0.8	10.2	5.4	1.4	2.7	81.1
Zaragoza	90.3	33.1	37.9	4.8	0.8	7.0	25.5	5.2	4.0	208.8
Oviedo	25.4	1.3	61.2	1.2	0.1	15.3	0.2	2.0	0.0	106.6
Santander	12.2	0.0	35.6	0.5	0.0	2.6	0.0	0.4	0.0	51.4
Ávila	27.0	8.3	7.2	2.8	2.3	8.8	3.7	4.5	3.3	67.9
Burgos	58.6	13.0	38.3	2.6	4.8	31.8	9.3	2.9	0.0	161.2
Leon	21.0	22.7	30.3	1.8	1.7	23.2	16.2	2.5	0.0	119.4
Palencia	43.3	8.1	9.9	3.6	1.3	7.9	1.6	0.4	0.0	76.0
Salamanca	34.0	6.5	27.8	3.6	4.3	12.6	6.4	1.1	3.1	99.7
Segovia	31.0	6.0	4.6	4.1	2.1	8.7	2.2	0.1	0.0	58.9
Soria	56.8	3.9	5.0	1.0	0.7	5.5	0.8	0.2	0.0	74.0
Valladolid	45.5	29.5	40.2	4.6	1.7	6.0	7.3	0.3	0.0	135.2
Zamora	24.1	14.8	15.1	3.4	2.6	8.5	10.1	1.0	0.1	79.6
Albacete	57.6	5.9	21.6	3.4	1.3	11.3	41.1	2.6	4.5	149.4
Ciudad Real	100.0	14.4	13.9	7.7	1.4	9.4	81.8	0.7	50.8	280.1
Cuenca	106.3	48.7	17.3	8.5	2.5	8.0	42.7	1.3	8.1	243.2
Guadalajara	67.1	13.7	10.6	5.4	1.6	9.2	1.9	0.9	2.2	112.4
Toledo	110.4	51.9	9.7	12.2	9.0	5.4	94.5	1.5	38.3	333.0
Barcelona	37.0	0.2	73.7	19.1	0.9	14.3	52.7	18.7	0.4	217.1
Gerona	68.0	1.7	136.2	6.5	1.0	11.3	13.7	2.7	0.5	241.6
Lérida	94.9	8.7	53.7	10.1	1.7	7.6	3.8	5.4	4.0	189.9

Table S1. Cont.

Province	Cereals	Industrial crops	Fodder crops	Horticultural products	Legumes	Tubers	Grapes for wine	Fruit trees	Olive	Total
Tarragona	96.3	5.8	9.3	9.1	0.5	5.0	29.1	34.1	12.3	201.5
Badajoz	255.3	23.8	31.9	18.9	6.5	13.4	58.3	26.6	44.1	478.7
Cáceres	70.1	47.8	17.9	12.2	0.5	12.9	4.9	15.3	49.8	231.4
Coruña	61.9	0.5	37.7	5.0	0.4	14.6	0.3	0.3	0.0	120.8
Lugo	17.7	0.0	68.8	4.7	0.0	11.5	1.5	0.8	0.0	104.9
Orense	18.1	0.3	4.7	0.3	0.0	12.5	8.0	0.2	0.0	44.1
Pontevedra	74.9	0.5	4.6	1.1	0.1	2.7	2.6	0.7	0.0	87.1
Baleares	23.2	2.4	32.1	4.4	1.7	13.0	3.3	39.4	1.8	121.3
Murcia	51.3	25.6	54.3	19.6	1.5	19.5	15.3	61.9	11.9	261.0
Madrid	42.4	12.2	31.2	13.7	1.4	3.4	13.0	4.1	3.8	125.2
Navarra	83.1	39.6	33.3	7.3	0.7	15.5	31.8	5.0	2.1	218.3
Álava	5.7	3.6	5.8	0.2	0.2	5.4	2.3	0.3	0.1	23.5
Guipúzcoa	5.3	1.4	17.2	0.6	0.1	1.5	0.0	1.1	0.0	27.2
Vizcaya	9.3	0.0	28.1	1.4	0.1	4.2	0.1	0.9	0.0	44.2
Logroño	27.2	8.7	18.0	6.5	0.7	9.5	20.0	4.2	1.0	95.7
Alicante	25.1	68.0	26.7	26.0	0.4	16.2	12.2	64.4	10.4	249.5
Castellón	34.8	8.4	23.4	8.1	1.3	29.6	5.8	82.0	4.1	197.7
Valencia	292.8	49.5	66.4	59.8	1.4	24.0	19.0	205.3	4.7	722.7
Total	3208.0	1210.2	1552.6	416.5	104.1	520.4	822.1	815.2	1073.9	9723.0

Source: The agricultural production products come from [40]. The coefficients to calculate the WFs come from [6,7].

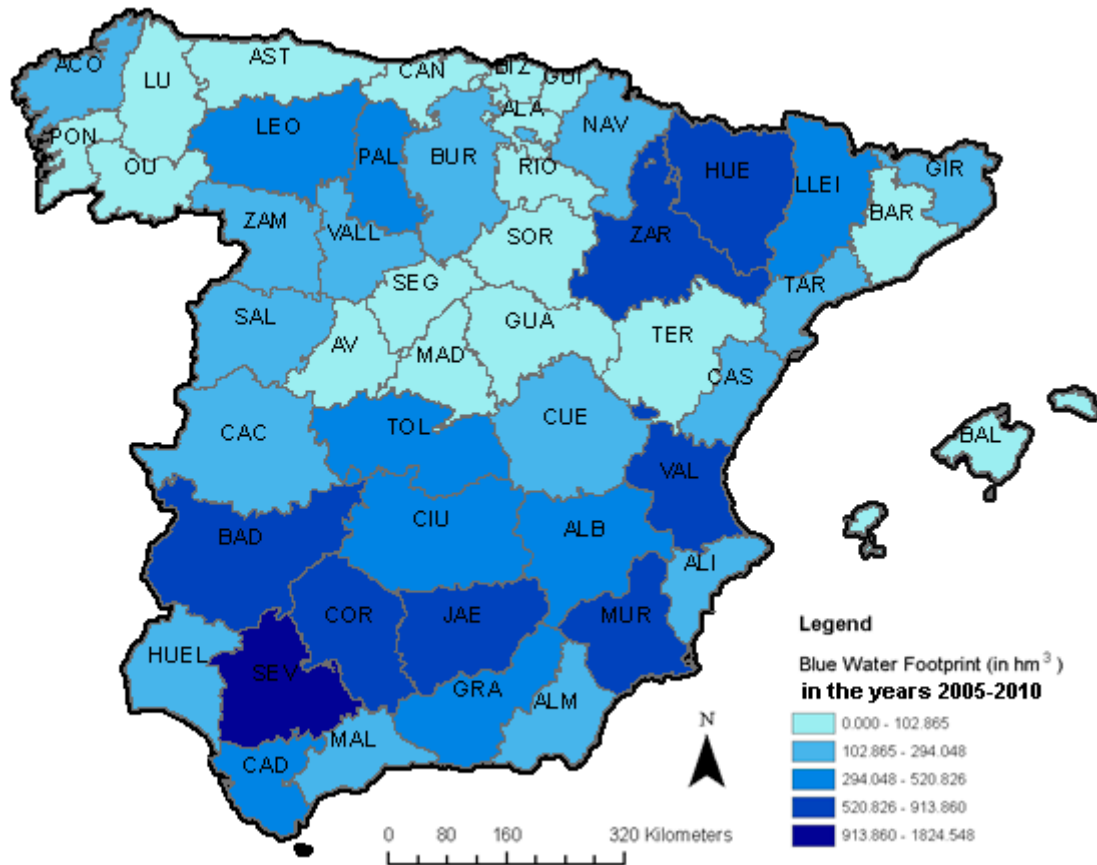
Table S2. Provincial blue WFs (hm³) in 2005–2010 average. Absolute numbers.

Province	Cereals	Industrial crops	Fodder crops	Horticultural products	Legumes	Tubers	Grapes for wine	Fruit Trees	Olive	Total
Almería	2.8	0.0	2.1	112.0	0.2	1.3	1.1	90.8	26.6	236.8
Cádiz	79.7	154.5	16.2	39.5	1.1	9.2	20.3	18.1	15.2	353.8
Córdoba	63.6	115.4	28.3	19.7	3.6	7.3	15.1	51.2	504.5	808.7
Granada	29.7	3.7	45.2	64.8	0.8	4.9	4.5	89.6	166.3	409.5
Huelva	13.0	25.0	7.8	35.6	0.5	1.0	10.9	90.7	14.8	199.3
Jaén	9.5	36.1	9.5	6.9	0.3	1.2	0.5	9.5	839.1	912.4
Málaga	11.7	7.5	14.1	20.0	2.1	7.5	2.5	82.2	142.7	290.2
Sevilla	543.6	668.4	39.9	35.9	2.7	14.4	1.3	136.9	311.7	1754.9
Huesca	215.7	4.3	593.9	4.3	1.9	0.1	2.8	32.2	2.8	858.1
Teruel	38.7	2.2	22.5	0.1	0.7	0.5	0.8	9.7	9.8	85.1
Zaragoza	127.4	3.6	497.7	5.9	1.9	0.9	13.8	46.2	8.8	706.2
Oviedo	0.2	0.0	53.7	0.2	0.0	1.2	0.0	0.6	0.0	55.9
Santander	0.2	0.0	20.2	0.1	0.0	0.1	0.0	0.0	0.0	20.6
Ávila	10.0	12.8	13.1	1.1	0.2	2.2	0.5	2.1	5.7	47.6
Burgos	52.0	31.4	42.9	1.7	1.9	7.0	4.8	1.2	0.0	143.0
Leon	196.8	30.8	121.4	0.5	1.0	4.7	3.5	2.2	0.0	361.0
Palencia	50.6	27.3	224.7	0.6	1.4	2.2	0.1	0.3	0.0	307.2
Salamanca	60.0	16.5	20.3	0.3	0.2	11.6	0.3	1.1	1.6	111.9

Table S2. *Cont.*

Province	Cereals	Industrial crops	Fodder crops	Horticultural products	Legumes	Tubers	Grapes for wine	Fruit Trees	Olive	Total
Segovia	17.6	14.5	27.1	6.7	0.1	4.9	0.5	0.1	0.0	71.6
Soria	24.4	21.5	1.9	0.6	0.5	0.8	0.4	0.1	0.0	50.2
Valladolid	72.8	58.2	65.3	9.0	1.7	15.3	7.9	0.1	0.7	231.0
Zamora	74.7	20.3	72.4	0.9	0.4	2.7	3.6	0.3	0.2	175.5
Albacete	137.2	17.1	92.0	54.5	4.3	3.5	63.4	12.0	18.3	402.3
Ciudad Real	70.1	7.6	23.4	32.3	1.3	3.6	183.9	2.5	59.3	384.0
Cuenca	64.0	63.8	12.2	8.6	3.1	0.5	66.8	5.2	10.6	234.9
Guadalajara	55.9	14.7	7.4	2.4	0.6	0.3	1.3	0.5	3.3	86.4
Toledo	112.1	2.4	71.4	14.1	2.2	1.9	114.9	9.1	78.5	406.5
Barcelona	20.0	0.6	28.0	5.8	0.1	1.3	20.4	5.5	0.8	82.5
Gerona	40.5	3.4	77.6	1.5	0.2	0.6	1.4	13.0	0.7	138.9
Lerida	106.6	0.5	271.2	2.5	0.1	0.5	4.0	106.8	5.1	497.4
Tarragona	127.9	0.1	1.5	6.3	0.0	0.8	18.9	56.6	25.1	237.2
Badajoz	435.7	11.6	43.9	55.2	2.8	4.3	88.1	70.8	107.0	819.3
Cáceres	146.7	7.1	20.5	14.1	0.5	2.5	2.0	48.1	33.6	275.1
Coruña	7.7	0.0	211.7	1.5	0.0	2.3	0.4	2.8	0.0	226.5
Lugo	2.2	0.0	91.9	0.9	0.0	1.8	0.3	1.2	0.0	98.4
Orense	2.1	0.0	4.3	1.0	0.0	2.9	1.3	1.1	0.0	12.7
Pontevedra	4.6	0.0	20.8	1.1	0.0	0.9	2.0	1.0	0.0	30.4
Baleares	5.3	0.1	11.2	5.8	0.1	2.8	0.7	12.4	1.0	39.4
Murcia	11.2	8.1	6.2	106.6	0.2	5.8	21.4	355.2	29.6	544.3
Madrid	42.8	0.3	11.1	5.2	0.6	1.6	3.5	0.4	8.0	73.4
Navarra	90.0	3.6	114.0	15.9	0.6	1.4	13.2	5.0	4.8	248.5
Alava	4.6	4.7	9.1	0.4	0.1	1.6	3.4	0.2	0.1	24.1
Guipuzcoa	0.1	0.0	1.4	0.2	0.0	0.1	0.1	0.4	0.0	2.4
Vizcaya	0.1	0.0	2.6	0.3	0.0	0.1	0.1	0.3	0.0	3.5
Logroño	12.6	5.2	12.3	6.9	0.0	5.2	25.2	10.0	1.6	79.1
Alicante	3.9	0.3	12.8	21.0	0.1	1.0	7.9	200.4	26.5	274.0
Castellón	2.2	0.0	3.2	10.2	0.0	1.4	0.3	156.5	26.0	199.8
Valencia	137.5	0.9	5.8	16.3	0.1	2.5	50.3	379.7	33.6	626.8
Total	3338.2	1406.4	3107.5	757.4	39.9	152.1	790.5	2121.8	2524.2	14,238.2

Source: The agricultural production products come from [41,42]. The coefficients to calculate the WFs come from [6,7].



Map S1. Absolute 2005–2010 average Blue WF (hm^3). Method of ranges division: Natural breaks. Source: Own elaboration.

Table S3. Provincial green WFs (hm^3) in 1955. Absolute numbers

Province	Cereals	Industrial crops	Fodder crops	Horticultural products	Legumes	Tubers	Grapes for wine	Fruit Trees	Olive	Total
Almería	40.7	178.5	14.7	6.7	3.5	4.4	5.0	125.6	59.3	438.4
Cádiz	188.9	28.7	84.0	9.1	14.6	2.2	145.1	23.4	82.9	578.9
Córdoba	704.2	53.0	48.9	11.6	92.2	3.2	74.3	20.4	1092.6	2,100.4
Granada	538.9	157.2	69.7	12.8	119.3	7.6	20.1	121.2	125.1	1171.8
Huelva	135.1	8.8	33.0	12.8	21.0	0.7	181.6	27.4	63.3	483.6
Jaén	512.4	4.4	46.2	9.7	77.0	6.3	6.0	23.8	1125.8	1811.6
Málaga	212.5	27.8	149.3	19.2	54.2	14.7	19.1	139.7	300.6	937.1
Sevilla	761.1	57.4	645.6	21.1	133.2	9.1	19.5	20.2	683.1	2350.4
Huesca	473.8	15.9	46.0	6.1	5.1	4.8	15.6	53.0	22.8	643.1
Teruel	318.9	30.3	37.2	2.6	13.3	7.5	38.0	7.3	10.7	465.8
Zaragoza	826.9	99.4	54.4	8.6	14.6	5.1	178.1	18.9	16.2	1222.2
Oviedo	120.5	1.3	1347.2	4.9	16.7	56.1	6.1	43.5	0.0	1596.3
Santander	30.6	0.0	102.6	2.7	8.2	15.4	2.0	6.0	0.0	167.6
Ávila	380.2	3.8	21.5	4.7	101.8	14.4	31.1	18.2	7.8	583.5
Burgos	941.6	13.3	70.0	3.6	132.9	52.0	78.3	18.6	0.0	1310.2
Leon	598.6	24.8	59.6	3.2	46.3	37.8	136.7	17.2	0.0	924.2
Palencia	797.7	8.4	34.5	5.0	37.6	12.9	13.2	2.4	0.0	911.6

Table S3. *Cont.*

Province	Cereals	Industrial crops	Fodder crops	Horticultural products	Legumes	Tubers	Grapes for wine	Fruit Trees	Olive	Total
Salamanca	761.4	5.4	120.6	6.4	186.5	20.7	54.0	12.6	7.3	1175.0
Segovia	642.7	7.2	9.9	6.5	99.7	14.3	18.4	0.7	0.0	799.3
Soria	473.1	4.1	8.6	1.4	21.1	9.0	6.6	1.2	0.0	525.1
Valladolid	931.5	28.6	107.3	6.8	67.2	9.8	61.4	3.3	0.0	1215.9
Zamora	720.5	14.8	55.4	5.4	106.9	13.9	84.8	11.3	0.2	1013.1
Albacete	536.4	188.3	18.2	4.3	18.1	7.8	239.2	7.9	16.1	1036.2
Ciudad Real	1075.4	1.2	11.4	9.1	29.4	6.5	476.5	3.6	180.6	1793.6
Cuenca	883.3	28.9	30.5	9.9	40.5	5.5	248.5	7.5	28.6	1283.3
Guadalajara	489.2	10.1	23.8	6.6	25.5	6.4	11.0	2.1	7.7	582.3
Toledo	1057.4	37.0	45.9	12.5	218.3	3.8	550.7	8.5	135.9	2070.0
Barcelona	210.9	0.1	97.8	23.7	11.2	19.5	365.5	141.9	3.5	874.1
Gerona	222.3	1.0	171.2	10.5	11.9	15.4	94.8	11.0	4.0	542.0
Lerida	549.0	4.4	37.3	14.4	19.6	10.4	26.6	49.4	32.9	744.1
Tarragona	137.6	0.5	12.4	13.5	6.9	6.9	202.0	356.9	101.7	838.4
Badajoz	1128.7	11.8	91.9	17.4	109.8	5.4	261.2	70.3	210.3	1906.7
Cáceres	487.6	15.8	71.7	10.7	13.7	5.2	21.8	21.4	237.4	885.3
Coruña	370.1	2.2	145.0	18.4	60.5	89.9	9.7	4.9	0.0	700.9
Lugo	377.9	0.3	279.1	16.7	4.0	70.9	49.7	16.5	0.0	815.0
Orense	236.5	0.9	248.4	1.1	1.7	76.7	272.3	4.2	0.0	841.9
Pontevedra	231.4	1.1	2340.6	4.5	12.1	16.4	88.9	9.6	0.0	2704.6
Baleares	180.9	0.1	129.3	8.1	53.3	18.7	24.3	248.4	6.7	669.8
Murcia	128.6	93.7	14.9	12.8	10.6	5.4	41.2	118.0	14.6	439.9
Madrid	483.9	14.2	64.7	18.0	55.7	4.1	94.2	22.9	14.4	772.0
Navarra	683.8	33.8	37.6	14.4	15.7	14.3	268.0	39.9	8.0	1115.5
Alava	128.6	6.5	28.6	0.9	7.7	17.8	38.6	3.0	1.2	232.9
Guipuzcoa	27.2	2.2	54.0	2.0	2.6	4.9	0.2	10.4	0.0	103.5
Vizcaya	35.5	0.0	22.5	4.8	5.4	13.7	1.9	8.2	0.0	92.1
Logroño	316.9	12.5	14.2	15.0	12.5	12.2	179.5	25.0	5.2	593.0
Alicante	137.0	54.2	13.3	23.1	4.2	8.0	46.4	309.5	26.8	622.4
Castellón	88.7	0.6	30.8	6.5	10.8	14.7	22.0	486.9	10.5	671.6
Valencia	294.8	6.6	57.1	41.1	10.6	11.9	71.8	535.0	12.0	1040.9
Total	21,611.1	1301.2	7258.0	490.9	2145.2	794.6	4901.6	3238.6	4655.7	46,396.9

Source: The agricultural production products come from [40]. The coefficients to calculate the WFs come from [6,7].

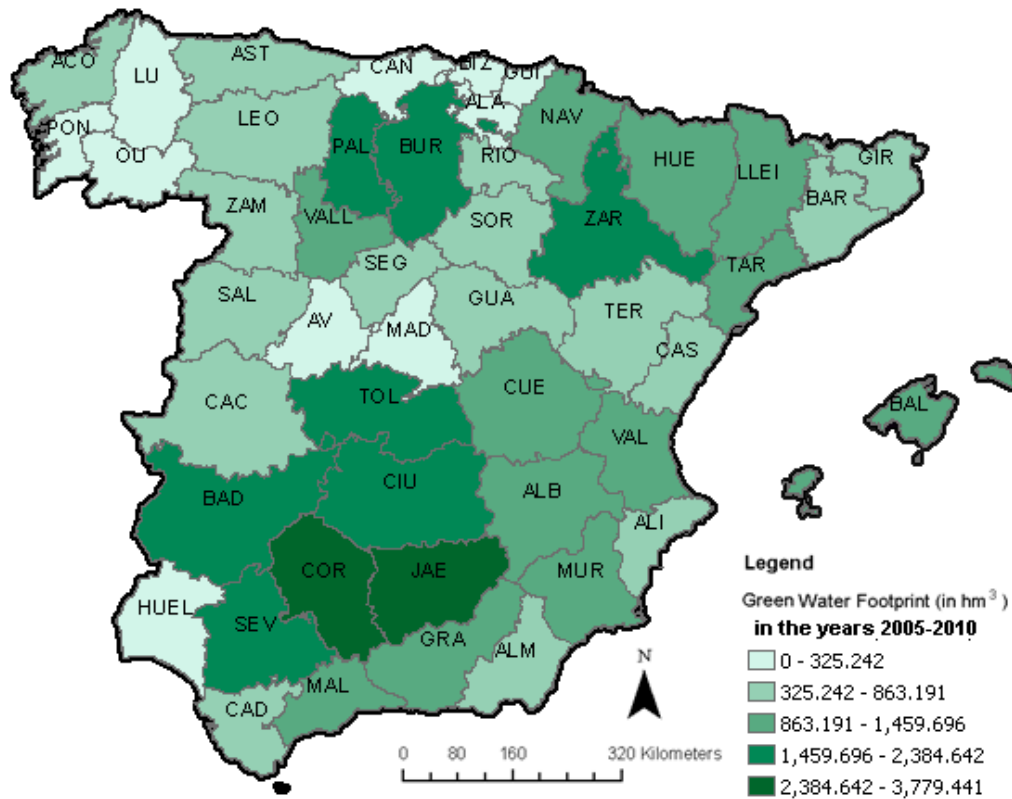
Table S4. Provincial green WFs (hm³) in 2005–2010 average. Absolute numbers.

Province	Cereals	Industrial crops	Fodder crops	Horticultural products	Legumes	Tubers	Grapes for wine	Fruit trees	Olive	Total
Almería	13.2	0.0	3.5	119.0	1.8	0.8	3.0	233.9	117.2	492.5
Cádiz	235.8	154.0	25.3	26.4	12.0	5.8	55.7	22.8	67.3	605.1
Córdoba	199.6	114.6	53.8	20.2	28.5	4.6	41.3	59.8	2227.2	2749.6
Granada	73.3	6.0	14.2	45.4	8.0	3.1	12.2	277.1	734.3	1173.7
Huelva	41.8	35.8	24.7	16.8	4.4	0.6	29.8	98.8	65.5	318.1

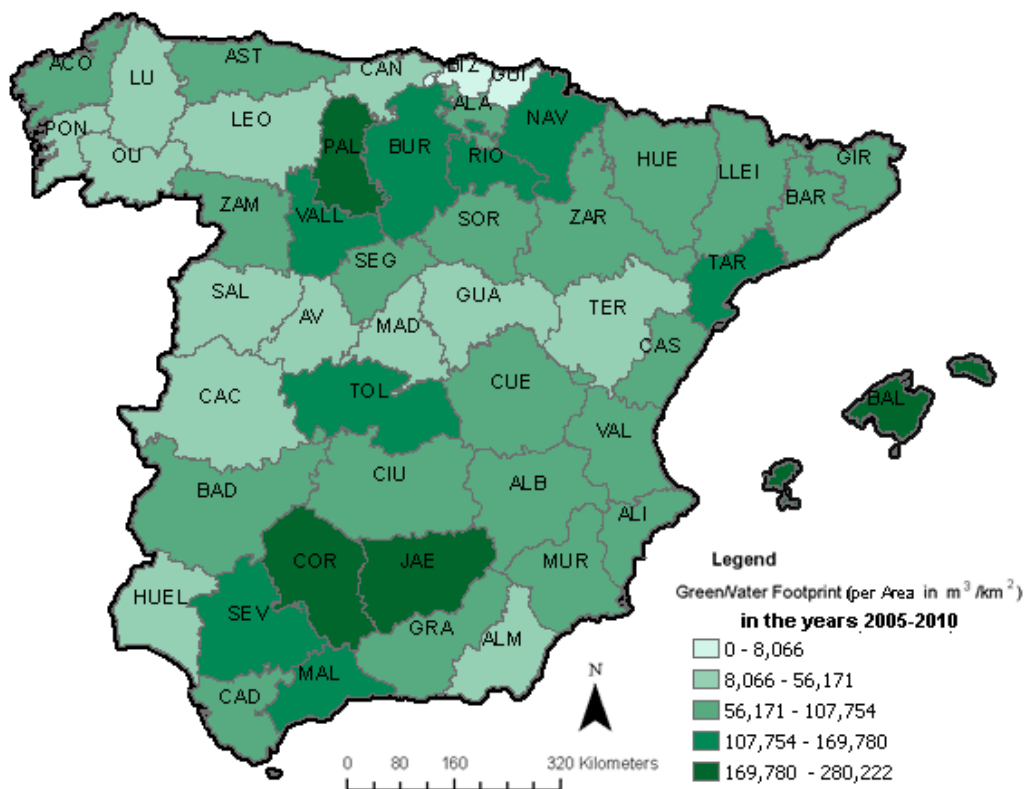
Table S4. *Cont.*

Province	Cereals	Industrial crops	Fodder crops	Horticultural products	Legumes	Tubers	Grapes for wine	Fruit trees	Olive	Total
Jaen	30.0	2.7	6.5	5.3	2.5	0.7	1.3	26.1	3704.3	3779.4
Malaga	75.6	13.4	58.2	19.4	21.4	4.7	10.9	127.0	630.1	960.6
Sevilla	513.3	241.4	26.4	33.3	26.8	9.1	6.5	150.4	1376.2	2383.4
Huesca	802.9	14.3	366.1	4.0	37.8	0.1	19.8	201.2	11.1	1457.4
Teruel	314.8	7.9	19.2	0.2	14.6	0.4	9.6	193.5	39.2	599.3
Zaragoza	772.2	11.9	471.3	7.4	37.8	0.7	176.2	348.6	35.2	1861.3
Oviedo	0.6	0.0	791.2	1.1	0.7	4.5	0.4	10.4	0.0	808.8
Santander	2.1	0.1	139.0	0.3	0.1	0.6	0.4	0.6	0.0	143.2
Avila	193.8	21.4	37.8	1.3	5.7	3.5	3.9	5.6	13.3	286.5
Burgos	1423.4	99.5	205.2	2.0	62.2	11.5	40.8	5.6	0.0	1850.0
Leon	524.0	38.1	209.4	0.8	27.5	7.6	46.6	9.3	0.0	863.2
Palencia	913.6	61.0	564.8	0.8	48.3	3.5	1.7	1.6	0.0	1595.2
Salamanca	354.9	29.2	66.5	0.4	7.6	19.0	4.1	9.2	3.7	494.5
Segovia	426.3	40.7	142.7	6.3	4.7	8.0	7.1	0.7	0.0	636.5
Soria	621.7	88.9	12.1	0.7	16.1	1.4	6.2	2.7	0.0	749.7
Valladolid	781.5	111.5	187.5	10.2	54.6	25.0	137.3	1.1	1.7	1310.4
Zamora	407.3	40.6	178.7	1.3	15.6	4.3	49.9	2.2	0.4	700.1
Albacete	520.4	21.1	64.9	46.1	80.7	2.4	369.1	119.4	65.1	1289.4
Ciudad Real	336.7	6.4	143.4	40.4	26.1	2.5	1071.5	39.4	210.5	1876.9
Cuenca	596.5	230.0	52.9	9.9	44.9	0.4	389.2	86.5	37.7	1448.0
Guadalajara	405.0	53.3	37.0	1.6	12.4	0.2	7.5	2.8	11.9	531.6
Toledo	445.7	5.4	143.6	13.9	41.5	1.3	1138.8	77.2	278.8	2146.1
Barcelona	181.3	2.6	165.9	8.3	1.3	1.8	141.5	26.3	6.3	535.3
Gerona	156.3	12.6	369.9	1.9	3.3	0.8	9.4	34.3	5.5	594.0
Lerida	495.6	1.7	310.2	2.9	1.3	0.7	53.7	326.8	42.4	1235.3
Tarragona	107.8	0.2	13.9	9.7	0.3	1.1	240.1	317.3	207.2	897.8
Badajoz	623.5	24.5	183.9	66.0	44.1	1.7	394.7	113.2	510.6	1962.2
Cáceres	101.4	24.8	76.2	14.1	5.9	1.0	8.8	65.1	160.5	457.7
Coruña	30.2	0.0	562.9	6.8	1.6	14.0	14.2	31.0	0.0	660.7
Lugo	23.4	0.0	243.8	4.4	1.2	10.9	16.9	13.0	0.0	313.5
Orense	56.2	0.0	11.1	4.8	0.3	17.7	66.9	11.9	0.0	168.8
Pontevedra	14.0	0.0	55.1	5.6	0.3	5.8	106.0	11.5	0.0	198.3
Baleares	65.9	0.5	801.5	9.7	3.7	4.0	5.0	127.3	3.8	1021.5
Murcia	36.5	0.3	4.6	72.5	1.9	1.6	111.6	750.8	36.5	1016.3
Madrid	180.9	1.3	12.7	7.3	23.6	1.9	40.1	2.3	30.7	300.9
Navarra	837.1	13.9	313.3	25.8	16.0	1.2	189.7	44.3	18.3	1459.7
Alava	220.6	12.9	22.1	1.0	3.0	5.3	57.7	2.1	0.6	325.2
Guipuzcoa	0.2	0.0	5.9	0.6	0.2	0.3	1.5	3.8	0.0	12.6
Vizcaya	0.1	0.0	10.9	1.1	0.2	0.4	2.0	3.1	0.0	17.9
Logroño	252.6	8.6	24.3	11.5	1.2	6.7	394.8	86.7	8.4	794.9
Alicante	16.0	0.5	6.3	17.1	1.5	0.5	30.0	467.4	68.2	607.5
Castellón	9.3	0.0	2.0	8.9	0.2	0.7	1.3	376.4	66.8	465.6
Valencia	50.9	1.5	4.8	11.8	1.5	1.2	325.2	613.1	86.3	1096.3
Total	14,485.7	1555.3	7247.1	726.0	756.8	205.8	5852.2	5541.2	10,882.7	47,252.7

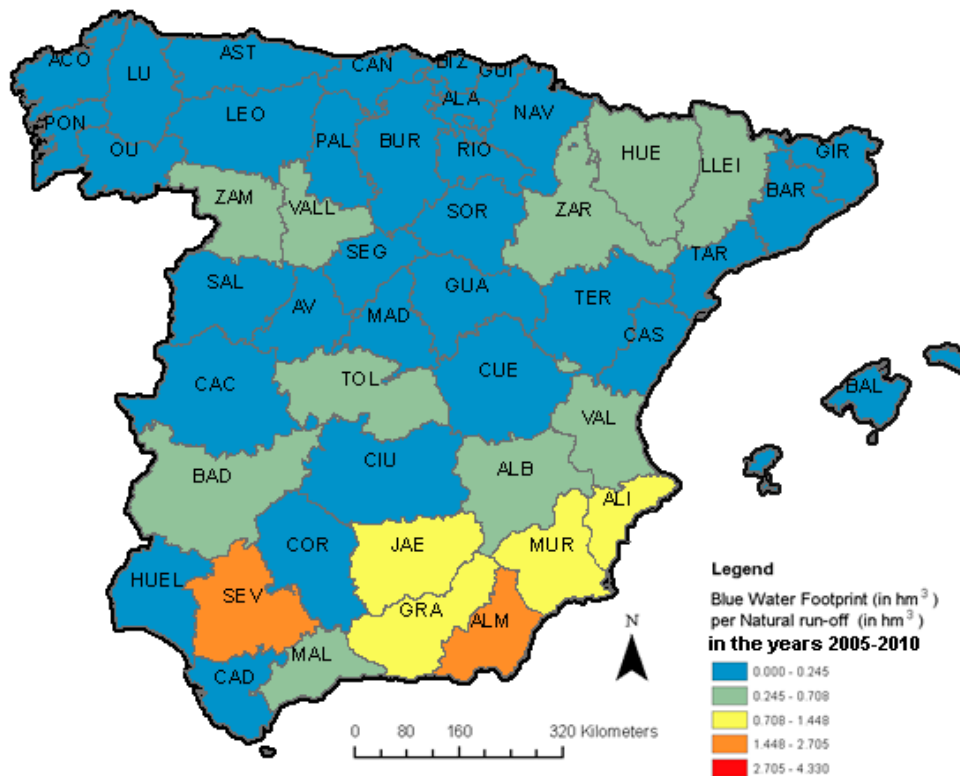
Source: The agricultural production products come from [41,42]. The coefficients to calculate the WFs come from [6,7].



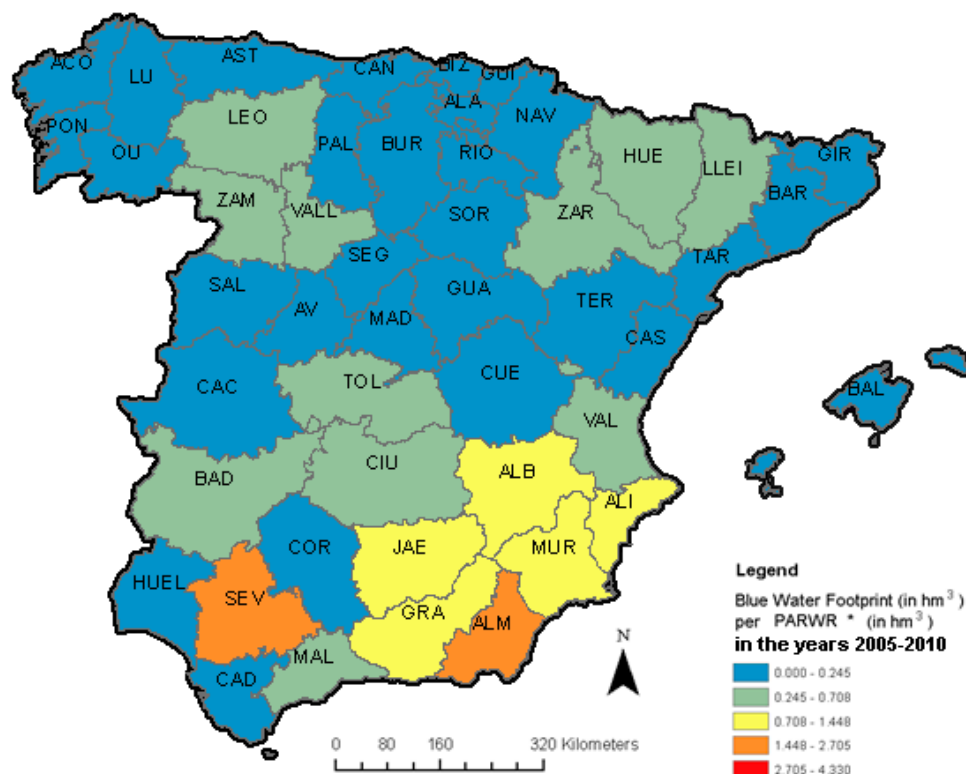
Map S2. Absolute provincial Green WFs of production in 2005-2010 average (hm^3). Method of ranges division: Natural breaks. Source: Own elaboration.



Map S3. Provincial green WFs of production in 2005–2010 average, divided by the surface area of the province (m^3/km^2). Method of ranges division: Natural breaks. Source: Own elaboration.



Map S4. Provincial blue WFs of production in 2005–2010, divided by the natural run-off of the province (m^3/km^2). Method of ranges division: Natural breaks. Source: Own elaboration.



Map S5. Provincial blue WFs of production in 2005–2010, divided by the PARWR (Potential Availability of Renewable Water Resources) of the province (m^3/km^2). Method of ranges division: Natural breaks. Source: Own elaboration.

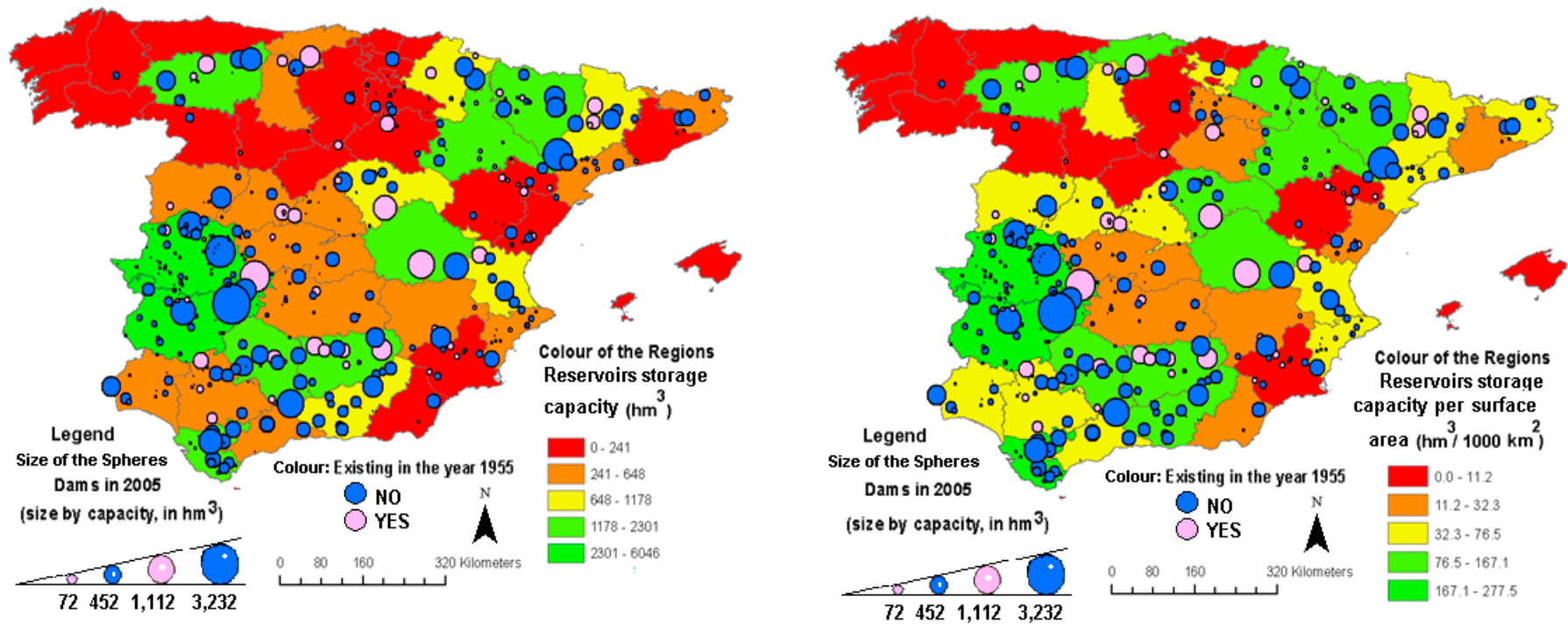
Table S5. Stock of hydraulic infrastructures (basic hydraulic infrastructures and irrigation, supply and purification, Water authorities) *. Thousands of constant Euros of 2000.

Province	1955	2005	Yearly growth rate	1955 share (%)	2005 share (%)
Andalucía	785,831	11,687,939	5.55	13.8	20.3
Almería	10,477	1,032,979	9.62	0.2	1.8
Cádiz	102,995	1,574,049	5.60	1.8	2.7
Córdoba	172,605	972,635	3.52	3.0	1.7
Granada	42,211	2,046,897	8.07	0.7	3.6
Huelva	53,857	1,048,866	6.12	0.9	1.8
Jaén	176,397	976,754	3.48	3.1	1.7
Málaga	91,767	2,186,993	6.55	1.6	3.8
Sevilla	135,523	1,848,765	5.37	2.4	3.2
Aragón	625,535	3,674,847	3.60	11.0	6.4
Huesca	400,103	1,830,408	3.09	7.0	3.2
Teruel	55,514	333,216	3.65	1.0	0.6
Zaragoza	169,918	1,511,222	4.47	3.0	2.6
Principado de Asturias	177,938	1,706,437	4.63	3.1	3.0
Illes Balears	14,115	947,715	8.78	0.2	1.6
Canarias	124,445	2,315,226	6.02	2.2	4.0
Las Palmas	87,162	1,216,022	5.41	1.5	2.1
Santa Cruz de Tenerife	37,283	1,099,205	7.00	0.7	1.9
Cantabria	54,228	699,871	5.25	1.0	1.2
Castilla y León	830,335	4,773,748	3.56	14.6	8.3
Ávila	49,225	358,514	4.05	0.9	0.6
Burgos	62,231	440,667	3.99	1.1	0.8
León	144,391	1,364,592	4.59	2.5	2.4
Palencia	102,065	430,016	2.92	1.8	0.7
Salamanca	266,959	734,129	2.04	4.7	1.3
Segovia	28,882	265,727	4.54	0.5	0.5
Soria	33,003	196,941	3.64	0.6	0.3
Valladolid	24,211	603,347	6.64	0.4	1.0
Zamora	119,368	379,815	2.34	2.1	0.7
Castilla-La Mancha	411,774	3,383,117	4.30	7.2	5.9
Albacete	88,020	766,482	4.42	1.5	1.3
Ciudad Real	49,314	642,613	5.27	0.9	1.1
Cuenca	110,994	455,433	2.86	2.0	0.8
Guadalajara	103,587	639,574	3.71	1.8	1.1
Toledo	59,860	879,015	5.52	1.1	1.5
Cataluña	719,198	5,508,675	4.16	12.7	9.6
Barcelona	226,831	2,731,804	5.10	4.0	4.7
Girona	80,189	615,661	4.16	1.4	1.1
Lleida	341,372	1,442,679	2.92	6.0	2.5
Tarragona	70,805	718,531	4.74	1.2	1.2
Comunitat Valenciana	395,484	6,353,546	5.71	7.0	11.0
Alacant/Alicante	90,596	1,966,115	6.35	1.6	3.4

Table S5. Cont.

Province	1955	2005	Yearly growth rate	1955 share (%)	2005 share (%)
Castelló/Castellón	80,645	705,687	4.43	1.4	1.2
València/Valencia	224,244	3,681,745	5.76	3.9	6.4
Extremadura	381,712	3,464,291	4.51	6.7	6.0
Badajoz	182,122	2,271,375	5.18	3.2	3.9
Cáceres	199,589	1,192,916	3.64	3.5	2.1
Galicia	446,275	2,591,251	3.58	7.9	4.5
A Coruña	89,414	889,187	4.70	1.6	1.5
Lugo	145,236	417,045	2.13	2.6	0.7
Ourense	179,463	420,718	1.72	3.2	0.7
Pontevedra	32,162	864,302	6.80	0.6	1.5
Comunidad de Madrid	298,310	3,959,582	5.31	5.2	6.9
Región de Murcia	52,508	2,866,505	8.33	0.9	5.0
Comunidad Foral de Navarra	102,977	1,004,534	4.66	1.8	1.7
País Vasco	164,796	2,007,701	5.13	2.9	3.5
Álava	39,348	274,796	3.96	0.7	0.5
Guipúzcoa	58,072	647,887	4.94	1.0	1.1
Vizcaya	67,376	1,085,018	5.72	1.2	1.9
La Rioja	64,109	459,375	4.02	1.1	0.8
Autonomous city of Ceuta	19,761	120,748	3.69	0.3	0.2
Autonomous city of Melilla	14,967	100,073	3.87	0.3	0.2
Spain	5,684,298	57,625,183	4.74	100.0	100.0

* Note that data include basic hydraulic infrastructures and irrigation, supply and purification, Water authorities, being not possible to obtain more disaggregated data at the regional and provincial levels. Source: Own elaboration based on BBVA foundation and Ivie of the BBVA [58].



Map S6. Dams in 2005 by capacity (hm³) and capacity of dams in absolute (hm³) and in relative numbers (hm³/km²). Source: Own elaboration from [58,59,69].