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LANDMAP, landscape and a changing climate in the Designated Landscapes, Wales

Robert Berry

Report No 429

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1. Crynodeb Gweithredol

Cefndir Mae newidiadau yn hinsawdd Cymru yn debygol o gael effeithiau uniongyrchol (e.e. trwy newid gorchudd tir) ac anuniongyrchol (e.e. trwy ddylanwadu ar benderfyniadau ynglŷn â defnydd tir) sylweddol ar gymeriad, safon ac arwahanrwydd tirweddau lleol. Mae digwyddiadau llifogydd a sychder, tywydd eithafol mwy rheolaidd, erydu arfordirol, tanau gwyllt, heintiau sy'n effeithio gorchudd coed, a newidiadau mewn gorchudd tir, cynefinoedd a chwmpas rhywogaethau yn enghreifftiau o sut y gall y dirwedd newid i raddau mwy neu lai, yn y tymor byr neu hir.

Gall cymeriad y dirwedd ddarparu dull cyfathrebu pwysig i godi ymwybyddiaeth a dealltwriaeth o'r risgiau a chyfleoedd a gyflwynir gan y newid yn yr hinsawdd gan fod gan bobl gysylltiadau â thirweddau fel lleoedd i fyw a gweithio ynddynt a'u mwynhau. Mae'n felly amser cyfleus i ddod â gwybodaeth ar effeithiau hinsawdd sy'n newid ynghyd a'u cymhwyso o safbwynt tirwedd.

Mae'r prosiect hwn, ar y cyd ag Adroddiad CNC Rhif 314 (gweler isod) yn rhan o'r cam cyntaf i ddechrau nodi ac adrodd effeithiau uniongyrchol ac anuniongyrchol y newidiadau hinsawdd a ragwelir ar gyfer Cymru yn 2050 ar gymeriad a nodweddion y dirwedd a sut olwg allai fod ar y dirwedd yr ydym yn ei hadnabod heddiw. Mae'r prosiect hwn yn nodi effeithiau newid hinsawdd ar fathau eang o dirwedd gan ddefnyddio set ddata ofodol Synhwyrdd a Gweledol LANDMAP. Mae'n darparu mapiau sy'n nodi dosbarthiad gofodol y mathau eang o dirwedd a gefnogir gan ystadegau allweddol.

Mae'r adroddiad hwn yn ychwanegol at Adroddiad CNC Rhif 314 LANDMAP, Tirwedd a Hinsawdd sy'n Newid gan Berry, R., Dwyer, J., Gaskell, P., Lake, J., Powell, J. a Young I, a gyhoeddwyd ym mis Mawrth 2019, drwy gyflwyno'r map a'r gydran data ar gyfer y tri Pharc Cenedlaethol a phum Ardal o Harddwch Naturiol Eithriadol (AHNE) yng Nghymru. Mae adroddiad Rhif 314 (2019) yn cynnwys naratif ysgrifenedig llawn o newidiadau posibl ar gyfer pob math o dirwedd ac felly dylid eu defnyddio ar y cyd â'r adroddiad hwn. Mae hwn i'w gael yn <https://cdn.naturalresources.wales/media/688627/cym-landmap-landscape-and-a-changing-climate.pdf?mode=pad&rnd=131989290090000000>

2. Executive Summary

Background The changing climate of Wales is likely to have significant direct (e.g. changing land cover) and indirect (e.g. by influencing land use decisions) impacts on landscape character, quality and local distinctiveness. Flooding and drought events, more frequent extreme weather, coastal erosion, wildfires, diseases affecting tree cover and changing land cover, habitats and species ranges are examples of how the landscape may change to a greater or lesser degree, in the short or long term.

Landscape character can provide an important communication tool to raise awareness and understanding of the risks and opportunities of climate change because people relate to landscapes as places to live, work and enjoy. It is therefore opportune to bring together information on the impacts from a changing climate and apply them to a landscape perspective.

This project is the first step in starting to identify and communicate the direct and indirect impacts of projected climate changes for Wales in 2050 on landscape character and qualities and what that might look like in the landscape we recognise today. This project identifies the impacts of climate change on broad landscape types using the LANDMAP Visual & Sensory spatial dataset. It provides maps that identify the spatial distribution of the broad landscape types supported by key statistics.

This report supplements the NRW report 314 LANDMAP, Landscape and a Changing Climate by Berry, R., Dwyer, J., Gaskell, P., Lake, J., Powell, J. and Young I, published in March 2019, by delivering the map and data component for the three National Parks and five Areas of Outstanding Natural Beauty (AONB) in Wales. The 2019 report 314 includes the full written narratives of potential change for each landscape type and should therefore be used in conjunction with this report. It is available from <https://cdn.naturalresources.wales/media/688626/eng-landmap-landscape-and-a-changing-climate.pdf?mode=pad&rnd=13198928933000000>

3. Report Structure and Methods

3.1. Report structure

The remainder of the report is structured into eight main sections – one section for each of the designated landscapes in Wales (shown in the Figure 3.1 map, overleaf):

1. Anglesey AONB
2. Brecon Beacons National Park
3. Clwydian Range and Dee Valley AONB
4. Gower AONB
5. Llŷn AONB
6. Pembrokeshire Coast National Park
7. Snowdonia National Park
8. Wye Valley AONB (Wales)

Within each section, maps and area statistics (km² and % area - in the form of bar charts and data tables) for the following themes are presented:

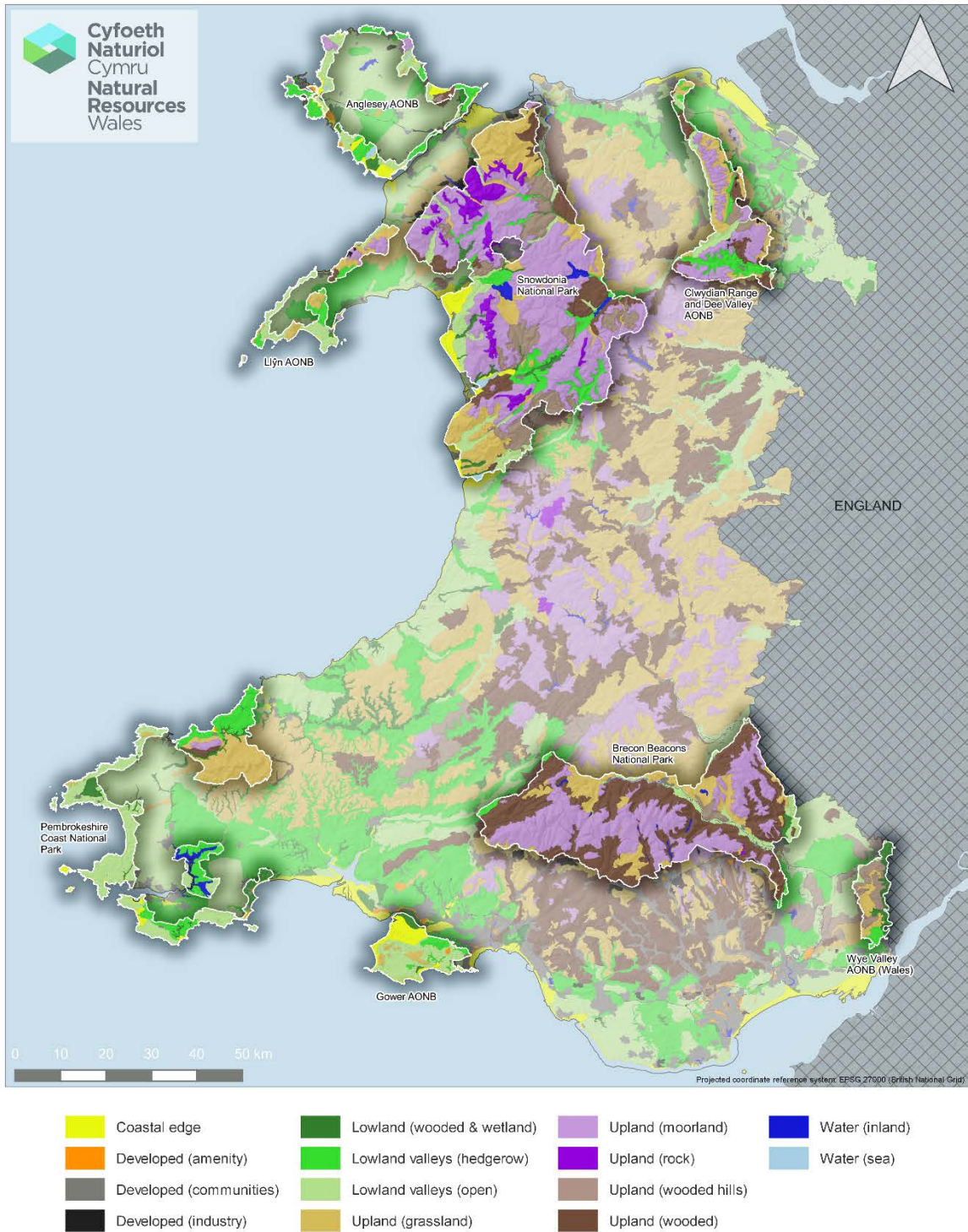
- LANDMAP **LMP14 landscape categories** (see [NRW Report 314](#) for information on the LMP14 categories and how they were derived).
- LANDMAP LMP14 landscape categories highlighting landscapes **less than 1m in contour height**, indicating vulnerability to rising sea levels in coastal areas.
- LANDMAP LMP14 landscape categories highlighting landscapes currently at **risk of flooding** (coastal and fluvial). Outputs produced for both Flood Zone 2 data (1% – 0.1% probability of river flooding or 0.5% – 0.1% probability of sea flooding in any one year) and Flood Zone 3 data (>1% probability of river flooding or >0.5% – 0.1% probability of sea flooding in any one year)
- LANDMAP **boundary type**.
- LANDMAP **overall evaluation** (landscape value).

3.2. Methods

Maps were produced using QGIS v3.4.8 (Madeira) GIS software. The spatial data used for the mapping is all open data, and the various datasets are summarised in the metadata table (Section 12.2, p. 213). The QGIS style files containing the classification/colour schemes of the LANDMAP-derived map layers can be accessed online via the project's GitHub site [here](#).

The bar charts and data tables were produced using R – an open source statistical programming language. The full R code is available on the project's GitHub site [here](#).

Designated Landscapes of Wales with LANDMAP Visual and Sensory LMP14 Landscape Categories



Data sources:

- 1) LANDMAP Visual and Sensory vector polygon data layer from Natural Resources Wales (via the Lle Geo-Portal for Wales) - <http://lle.gov.wales/catalogue/item/LandmapVisualSensory/?lang=en>.
- 2) Ordnance Survey OS Terrain 50 raster digital elevation model (used to create hillshade effect).
- 3) Ordnance Survey Boundary-Line (used for outline of England).

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Produced for Natural Resources Wales by Robert Berry, Countryside and Community Research Institute (CCRI), University of Gloucestershire - rberry@glos.ac.uk. Last updated 02/03/2020.

Figure 3.1 The designated landscapes of Wales with LANDMAP LMP14 landscape categories

For reference, Table 3.1 below shows the area statistics for LMP14 landscape types for Wales as a whole. These are broken down by designated landscape area within each of the following designated landscape sections.

Table 3.1 LMP14 landscape types (all-Wales)

LMP14 Landscape Type	Area (km²)	Area (% Total)
Upland (grassland)	4924.91	23.17
Lowland valleys (open)	3525.22	16.59
Upland (wooded)	3343.7	15.73
Lowland valleys (hedgerow)	3195.27	15.03
Upland (moorland)	3068.68	14.44
Developed (communities)	950.57	4.47
Upland (wooded hills)	692.63	3.26
Coastal edge	520.03	2.45
Lowland (wooded & wetland)	503.26	2.37
Upland (rock)	172.43	0.81
Water (sea)	107.78	0.51
Water (inland)	106.29	0.5
Developed (industry)	92.33	0.43
Developed (amenity)	50.21	0.24

4. Maps and Statistics: Anglesey AONB

4.1. LMP14 Landscape Types

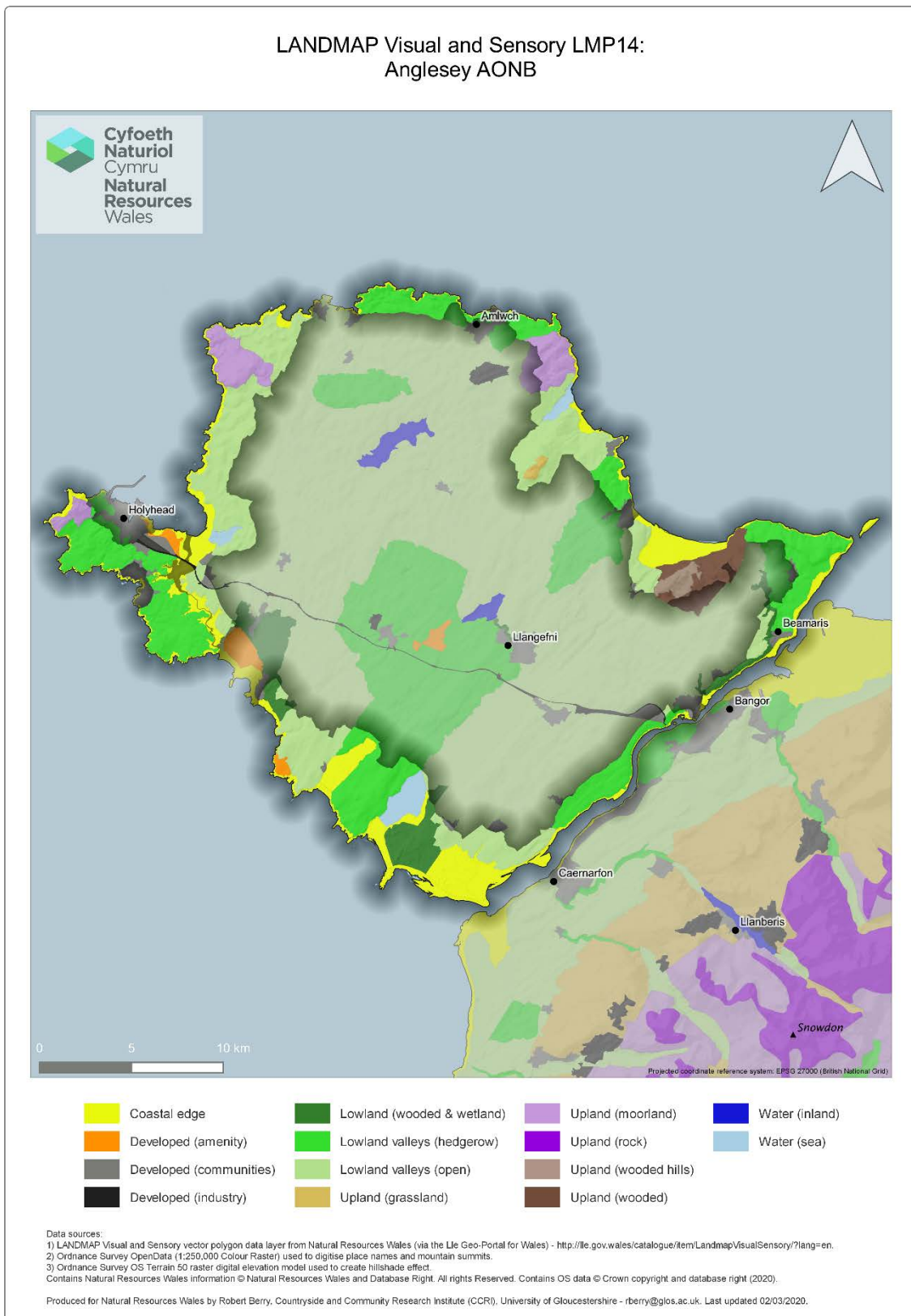


Figure 4.1 LANDMAP LMP14 landscape types for Anglesey AONB

Table 5.1 Area statistics (km²) for LMP14 landscape types (highlighting Anglesey AONB)¹

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	Total (km ²)
Anglesey AONB	42.64	1.52	3.91	0.37	10.48	64.64	65.19	0.83	13.98	0.00	2.60	6.08	0.00	6.21	218.45
Brecon Beacons National Park	0.00	0.00	7.02	1.63	6.65	12.24	55.59	169.71	528.22	1.14	16.23	543.20	8.55	0.00	1350.18
Clwydian Range and Dee Valley AONB	0.00	0.01	2.64	1.96	6.19	60.63	41.46	76.88	133.35	0.10	16.59	49.27	0.18	0.00	389.26
Gower AONB	50.45	1.25	1.16	0.00	8.53	18.44	92.45	14.03	0.00	0.00	0.00	0.00	0.00	0.00	186.31
Llyn AONB	11.85	0.00	1.34	1.38	1.94	23.34	50.26	45.73	19.80	0.00	0.00	3.68	0.00	0.00	159.32
Pembrokeshire Coast National Park	36.43	0.82	7.16	0.00	46.55	125.15	224.55	130.36	9.84	0.00	0.00	8.86	18.19	0.00	607.91
Snowdonia National Park	52.36	0.00	7.57	0.05	42.95	123.62	126.14	321.24	894.00	139.12	238.57	160.42	23.37	9.92	2139.33
Wye Valley AONB (Wales)	0.00	0.00	0.03	0.03	25.38	10.37	6.94	28.54	0.00	0.00	44.95	0.00	1.04	0.00	117.28

¹ Other designated landscape areas shown for comparison

Table 5.2 Area statistics (% total land area of designated area) for LMP14 landscape types (highlighting Anglesey AONB) ²

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)
Anglesey AONB	19.52	0.70	1.79	0.17	4.80	29.59	29.84	0.38	6.40	0.00	1.19	2.78	0.00	2.84
Brecon Beacons National Park	0.00	0.00	0.52	0.12	0.49	0.91	4.12	12.57	39.12	0.08	1.20	40.23	0.63	0.00
Clwydian Range and Dee Valley AONB	0.00	0.00	0.68	0.50	1.59	15.58	10.65	19.75	34.26	0.03	4.26	12.66	0.05	0.00
Gower AONB	27.08	0.67	0.62	0.00	4.58	9.90	49.62	7.53	0.00	0.00	0.00	0.00	0.00	0.00
Llyn AONB	7.44	0.00	0.84	0.87	1.22	14.65	31.55	28.70	12.43	0.00	0.00	2.31	0.00	0.00
Pembrokeshire Coast National Park	5.99	0.13	1.18	0.00	7.66	20.59	36.94	21.44	1.62	0.00	0.00	1.46	2.99	0.00
Snowdonia National Park	2.45	0.00	0.35	0.00	2.01	5.78	5.90	15.02	41.79	6.50	11.15	7.50	1.09	0.46
Wye Valley AONB (Wales)	0.00	0.00	0.03	0.03	21.64	8.84	5.92	24.33	0.00	0.00	38.33	0.00	0.89	0.00

² Other designated landscape areas shown for comparison

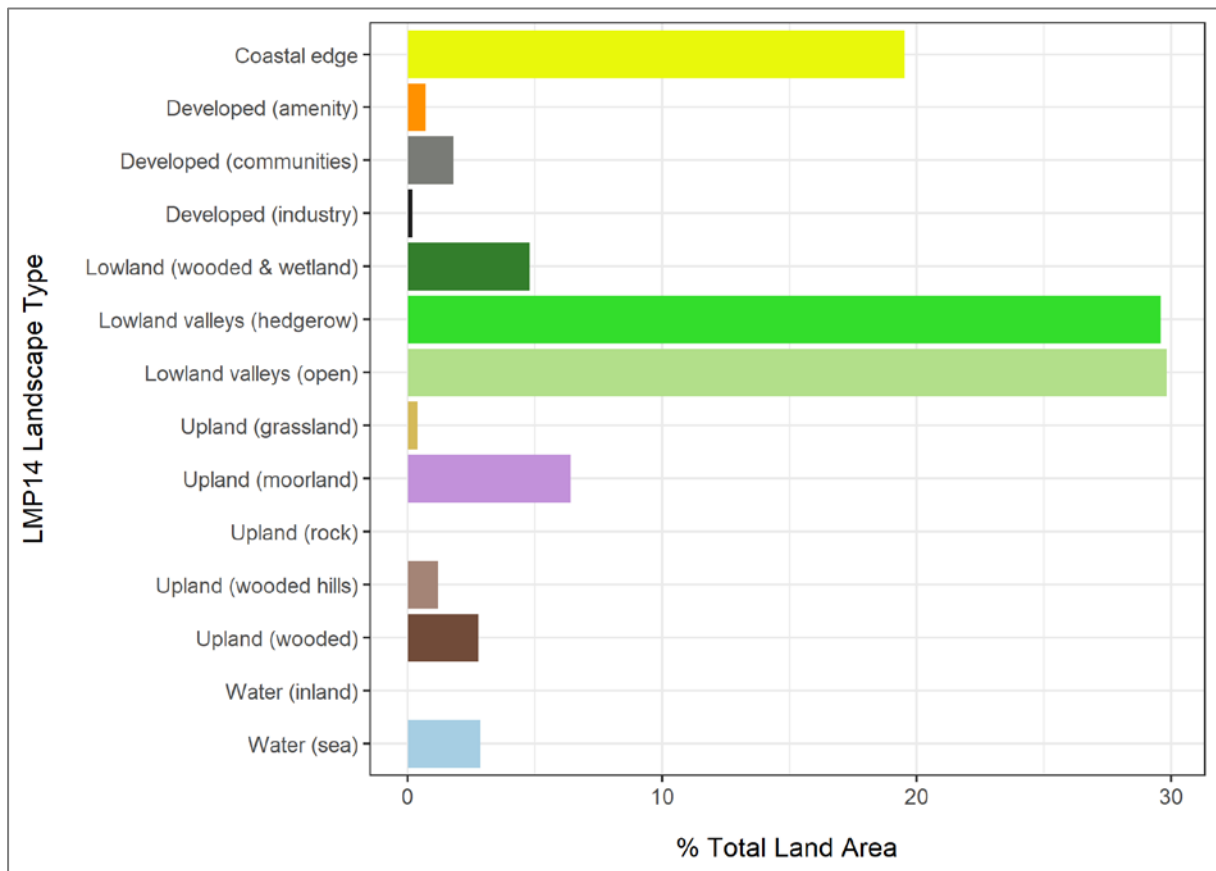


Figure 4.2 Area statistics for LMP14 landscape types (Anglesey AONB)

4.2. Sea Level Rise

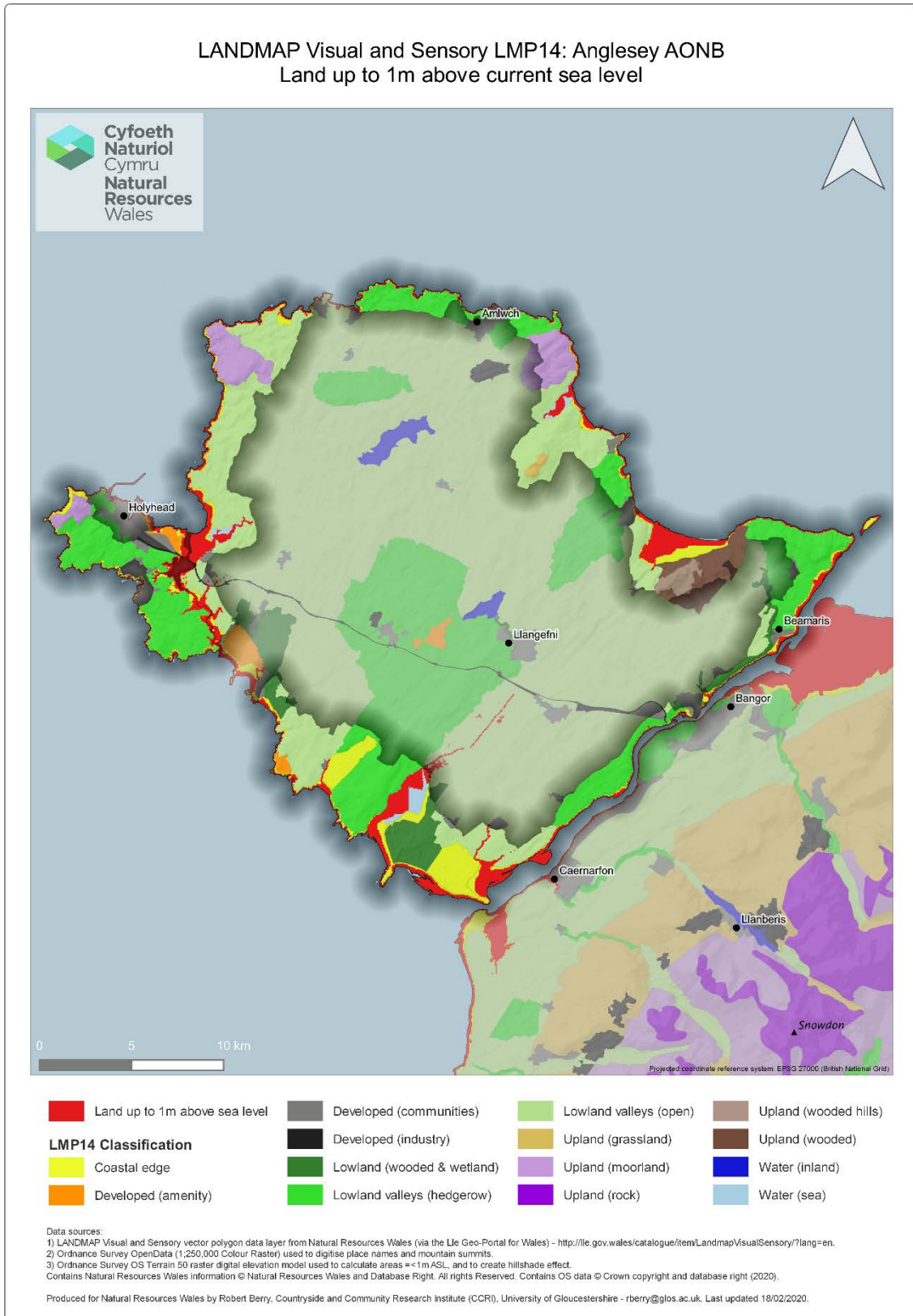


Figure 4.3 LANDMAP LMP14 landscape types with land up to 1m above sea level (Anglesey AONB)

Table 5.3 Land up to 1m above sea level (km²) by LMP14 landscape types (highlighting Anglesey AONB³)

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	Total (km ²)
Anglesey AONB	17.98	0.00	0.02	0.00	0.00	0.25	0.45	0.00	0.01	0.00	0.00	0.00	0.00	3.67	22.38
Brecon Beacons National Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Clwydian Range and Dee Valley AONB	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gower AONB	22.13	0.00	0.00	0.00	7.42	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.59
Llyn AONB	3.71	0.00	0.03	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.75
Pembrokeshire Coast National Park	9.32	0.00	0.00	0.00	0.35	0.19	0.35	0.00	0.00	0.00	0.00	0.00	6.21	0.00	16.42
Snowdonia National Park	4.78	0.00	0.01	0.00	0.34	0.00	1.31	0.04	0.00	0.00	0.00	0.10	0.00	8.71	15.29
Wye Valley AONB (Wales)	0.00	0.00	0.01	0.00	0.33	0.00	0.26	0.00	0.00	0.00	0.00	0.00	0.50	0.00	1.10
Total	57.92	0	0.07	0	8.44	0.44	2.42	0.04	0.01	0	0	0.1	6.71	12.38	88.53

³ Other designated landscape areas shown for comparison

Table 5.4 Land up to 1m above sea level (% area of designated landscape) by LMP14 landscape types (highlighting Anglesey AONB ⁴)

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	% Total area of designated area
Anglesey AONB	8.23	0.00	0.01	0.00	0.00	0.11	0.21	0.00	0.00	0.00	0.00	0.00	0.00	1.68	10.24
Brecon Beacons National Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
Clwydian Range and Dee Valley AONB	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
Gower AONB	11.88	0.00	0.00	0.00	3.98	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.88
Llyn AONB	2.33	0.00	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.36
Pembrokeshire Coast National Park	1.53	0.00	0.00	0.00	0.06	0.03	0.06	0.00	0.00	0.00	0.00	0.00	1.02	0.00	2.7
Snowdonia National Park	0.22	0.00	0.00	0.00	0.02	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.71
Wye Valley AONB (Wales)	0.00	0.00	0.01	0.00	0.28	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.43	0.00	0.94

⁴ Other designated landscape areas shown for comparison

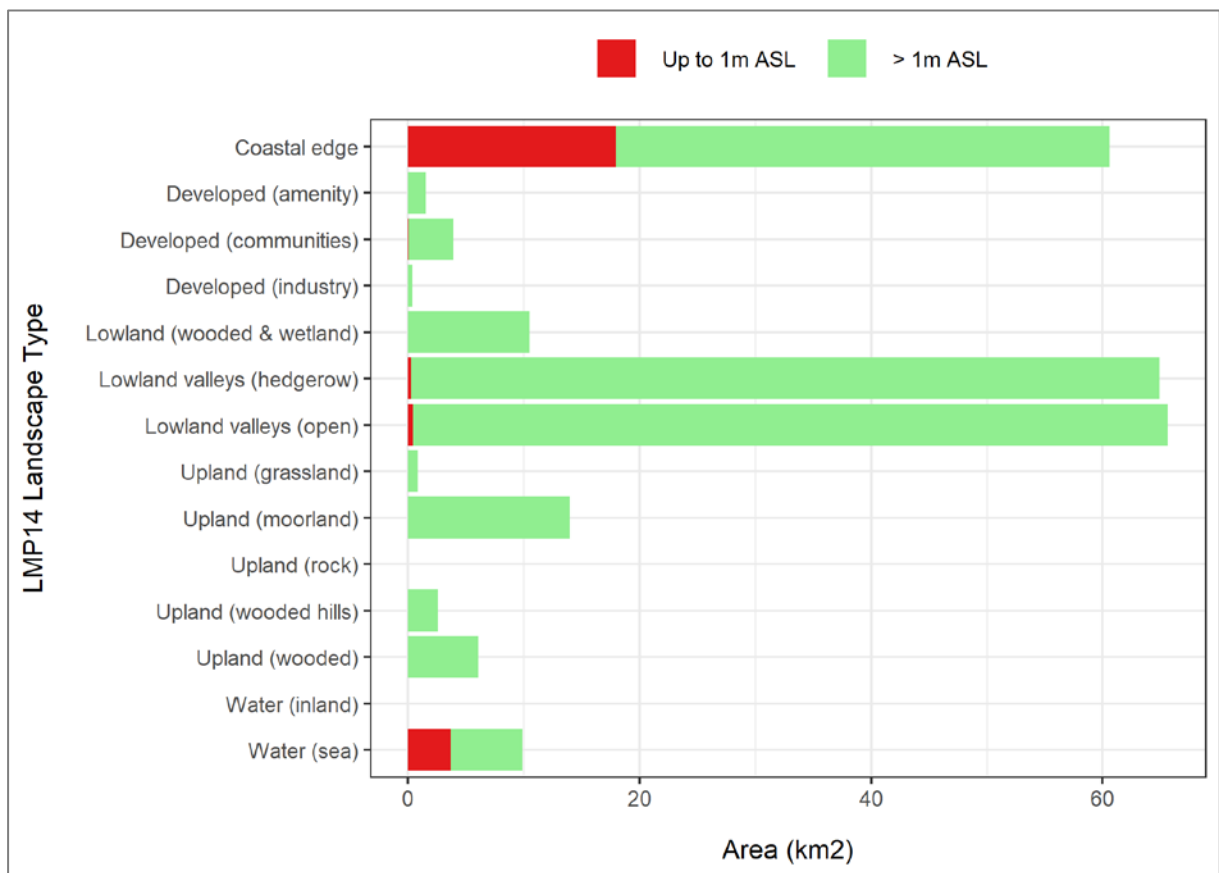


Figure 4.4 Area statistics for LMP14 landscapes up to 1m above sea level (Anglesey AONB)

4.3. River and Sea Flooding: Flood Zone 2

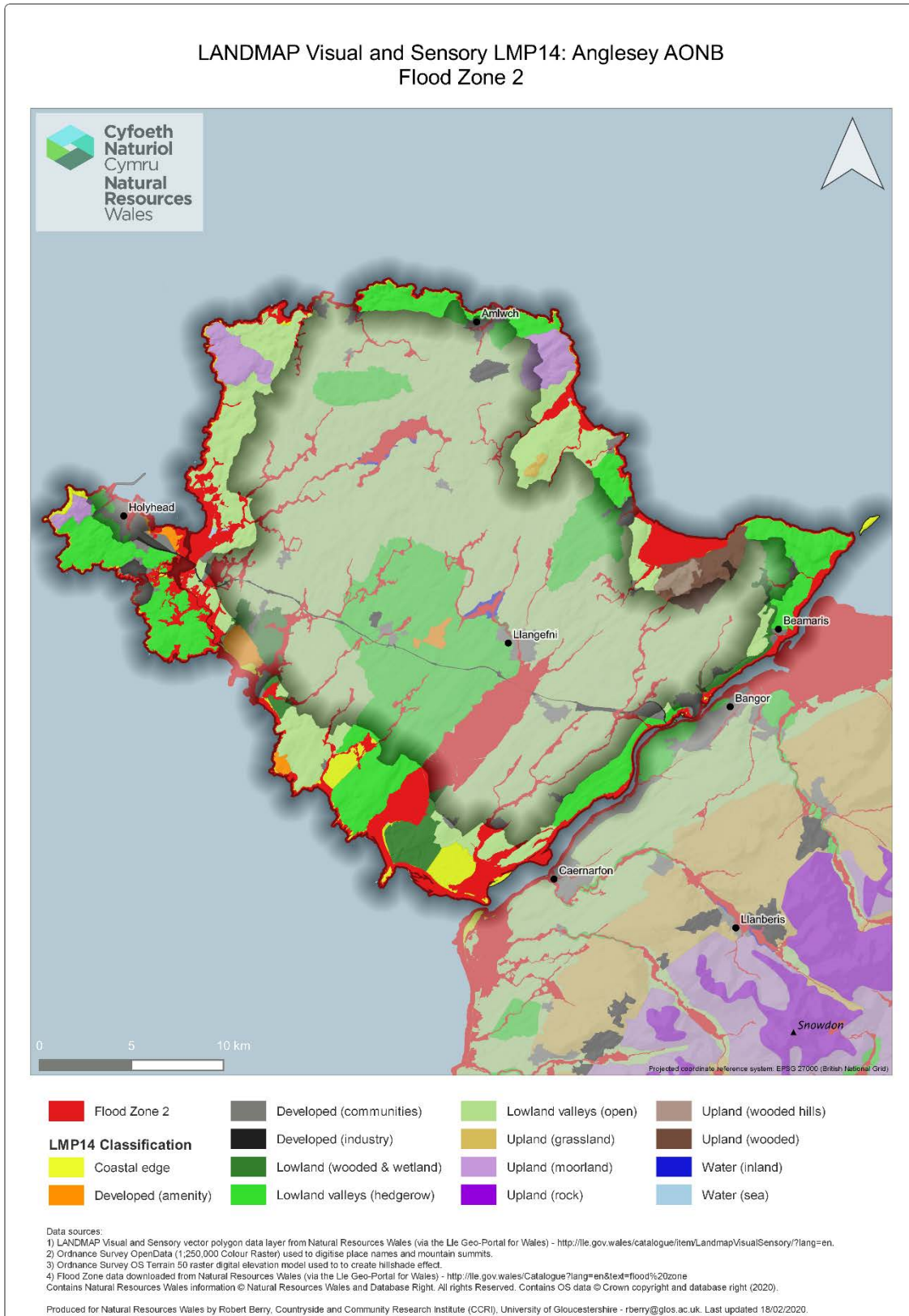


Figure 4.5 LMP14 landscape types with Flood Zone 2 (Anglesey AONB)

Table 5.5 Flood Zone 2 area (km²) by LMP14 landscape types (highlighting Anglesey AONB ⁵)

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	Total (km ²) Flood Zone 2
Anglesey AONB	30.64	0.08	0.39	0.02	0.63	1.95	5.34	0.00	0.01	0.00	0.00	0.30	0.00	5.95	45.31
Brecon Beacons National Park	0.00	0.00	0.82	0.05	0.68	0.36	18.72	6.31	2.70	0.00	0.05	15.37	8.07	0.00	53.13
Clwydian Range and Dee Valley AONB	0.00	0.00	0.26	0.06	0.38	7.00	1.94	0.58	0.15	0.00	0.72	0.37	0.18	0.00	11.64
Gower AONB	32.06	0.00	0.03	0.00	1.32	0.64	2.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.99
Llyn AONB	5.87	0.00	0.05	0.00	0.39	0.20	1.60	0.10	0.00	0.00	0.00	0.00	0.00	0.00	8.21
Pembrokeshire Coast National Park	14.82	0.15	0.34	0.00	3.56	3.44	3.79	2.09	0.00	0.00	0.00	0.00	10.31	0.00	38.50
Snowdonia National Park	30.41	0.00	1.25	0.00	7.68	13.31	28.43	9.80	6.33	0.30	3.13	2.66	13.79	9.84	126.93
Wye Valley AONB (Wales)	0.00	0.00	0.02	0.01	1.50	0.41	2.34	0.23	0.00	0.00	0.14	0.00	1.04	0.00	5.69
Total	113.80	0.23	3.16	0.14	16.14	27.31	65.10	19.11	9.19	0.30	4.04	18.70	33.39	15.79	326.40

⁵ Other designated landscape areas shown for comparison

Table 5.6 Flood Zone 2 area as a % of total area of designated landscape, by LMP14 landscape types (highlighting Anglesey AONB ⁶)

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	% Total area of designated landscape
Anglesey AONB	14.03	0.04	0.18	0.01	0.29	0.89	2.44	0.00	0.00	0.00	0.00	0.14	0.00	2.72	20.74
Brecon Beacons National Park	0.00	0.00	0.06	0.00	0.05	0.03	1.39	0.47	0.20	0.00	0.00	1.14	0.60	0.00	3.94
Clwydian Range and Dee Valley AONB	0.00	0.00	0.07	0.02	0.10	1.80	0.50	0.15	0.04	0.00	0.18	0.10	0.05	0.00	3.01
Gower AONB	17.21	0.00	0.02	0.00	0.71	0.34	1.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.86
Llyn AONB	3.68	0.00	0.03	0.00	0.24	0.13	1.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	5.14
Pembrokeshire Coast National Park	2.44	0.02	0.06	0.00	0.59	0.57	0.62	0.34	0.00	0.00	0.00	0.00	1.70	0.00	6.34
Snowdonia National Park	1.42	0.00	0.06	0.00	0.36	0.62	1.33	0.46	0.30	0.01	0.15	0.12	0.64	0.46	5.93
Wye Valley AONB (Wales)	0.00	0.00	0.02	0.01	1.28	0.35	2.00	0.20	0.00	0.00	0.12	0.00	0.89	0.00	4.87

⁶ Other designated landscape areas shown for comparison

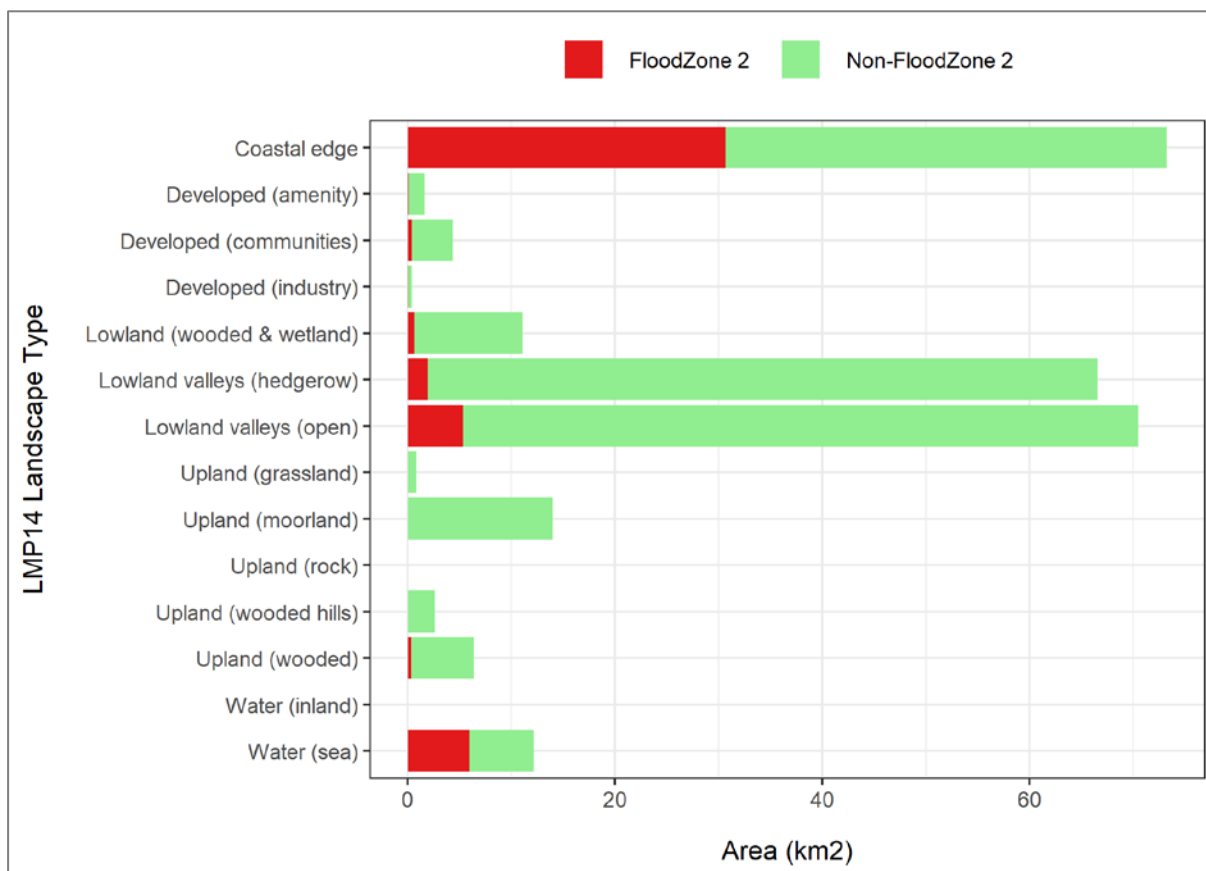


Figure 4.6 Flood Zone 2 area (km²) by LMP14 landscape type (Anglesey AONB)

4.4. River and Sea Flooding: Flood Zone 3

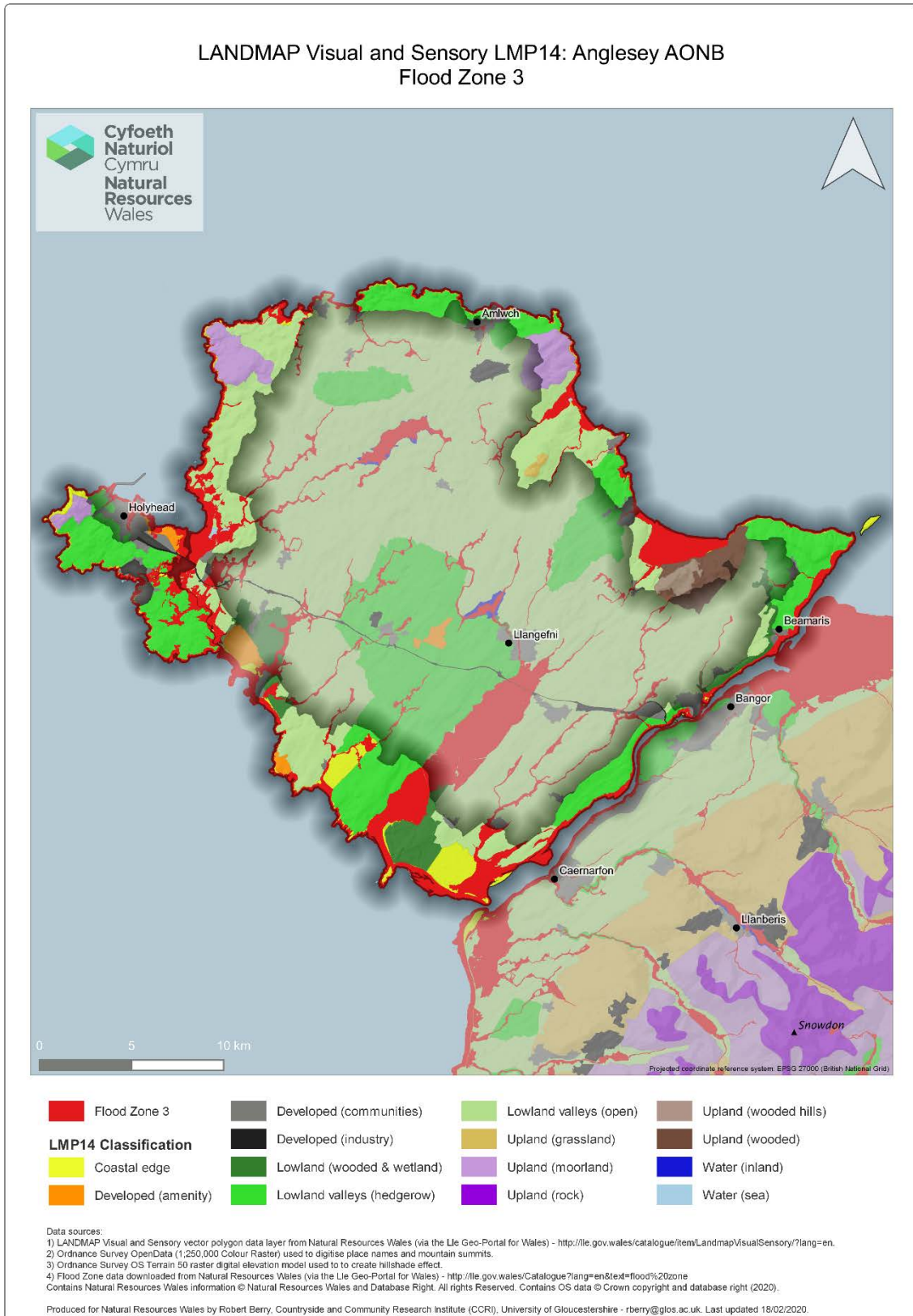


Figure 4.7 LMP14 landscape types with Flood Zone 3 (Anglesey AONB)

Table 5.7 Flood Zone 3 area (km²) by LMP14 landscape types (highlighting Anglesey AONB ⁷)

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	Total (km ²) Flood Zone 3
Anglesey AONB	30.34	0.07	0.34	0.02	0.51	1.73	4.63	0.00	0.01	0.00	0.00	0.25	0.00	5.93	43.83
Brecon Beacons National Park	0.00	0.00	0.61	0.05	0.57	0.25	16.58	5.04	2.33	0.00	0.04	12.69	7.80	0.00	45.96
Clwydian Range and Dee Valley AONB	0.00	0.00	0.14	0.04	0.32	5.76	1.75	0.51	0.13	0.00	0.63	0.30	0.17	0.00	9.75
Gower AONB	31.48	0.00	0.02	0.00	1.23	0.44	2.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.29
Llyn AONB	5.76	0.00	0.04	0.00	0.33	0.17	1.41	0.08	0.00	0.00	0.00	0.00	0.00	0.00	7.79
Pembrokeshire Coast National Park	14.54	0.13	0.28	0.00	2.96	2.41	3.09	1.73	0.00	0.00	0.00	0.00	10.09	0.00	35.23
Snowdonia National Park	28.37	0.00	1.10	0.00	6.73	11.41	26.33	8.80	5.61	0.22	2.80	2.35	13.52	9.81	117.05
Wye Valley AONB (Wales)	0.00	0.00	0.01	0.01	1.17	0.39	1.85	0.21	0.00	0.00	0.12	0.00	1.04	0.00	4.80
Total	110.49	0.20	2.54	0.12	13.82	22.56	57.76	16.37	8.08	0.22	3.59	15.59	32.62	15.74	299.70

⁷ Other designated landscape areas shown for comparison

Table 5.8 Flood Zone 3 area as a % of total area of designated landscape, by LMP14 landscape types (highlighting Anglesey AONB ⁸)

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	% Total area of designated landscape
Anglesey AONB	13.89	0.03	0.16	0.01	0.23	0.79	2.12	0.00	0.00	0.00	0.00	0.11	0.00	2.71	20.05
Brecon Beacons National Park	0.00	0.00	0.05	0.00	0.04	0.02	1.23	0.37	0.17	0.00	0.00	0.94	0.58	0.00	3.40
Clwydian Range and Dee Valley AONB	0.00	0.00	0.04	0.01	0.08	1.48	0.45	0.13	0.03	0.00	0.16	0.08	0.04	0.00	2.50
Gower AONB	16.90	0.00	0.01	0.00	0.66	0.24	1.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.95
Llyn AONB	3.62	0.00	0.03	0.00	0.21	0.11	0.89	0.05	0.00	0.00	0.00	0.00	0.00	0.00	4.91
Pembrokeshire Coast National Park	2.39	0.02	0.05	0.00	0.49	0.40	0.51	0.28	0.00	0.00	0.00	0.00	1.66	0.00	5.80
Snowdonia National Park	1.33	0.00	0.05	0.00	0.31	0.53	1.23	0.41	0.26	0.01	0.13	0.11	0.63	0.46	5.46
Wye Valley AONB (Wales)	0.00	0.00	0.01	0.01	1.00	0.33	1.58	0.18	0.00	0.00	0.10	0.00	0.89	0.00	4.10

⁸ Other designated landscape areas shown for comparison

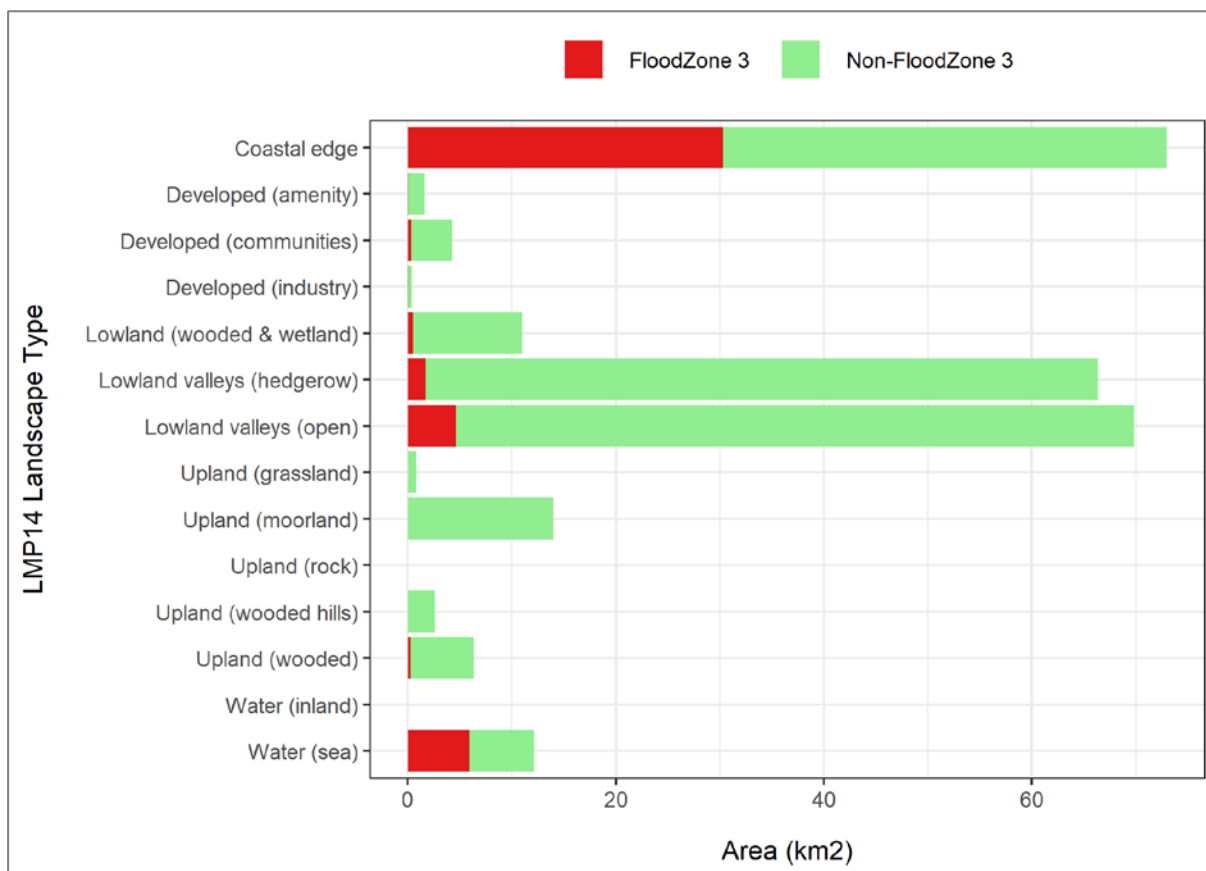


Figure 4.8 Flood Zone 3 area (km²) by LMP14 landscape type (Anglesey AONB)

4.5. Boundary Type

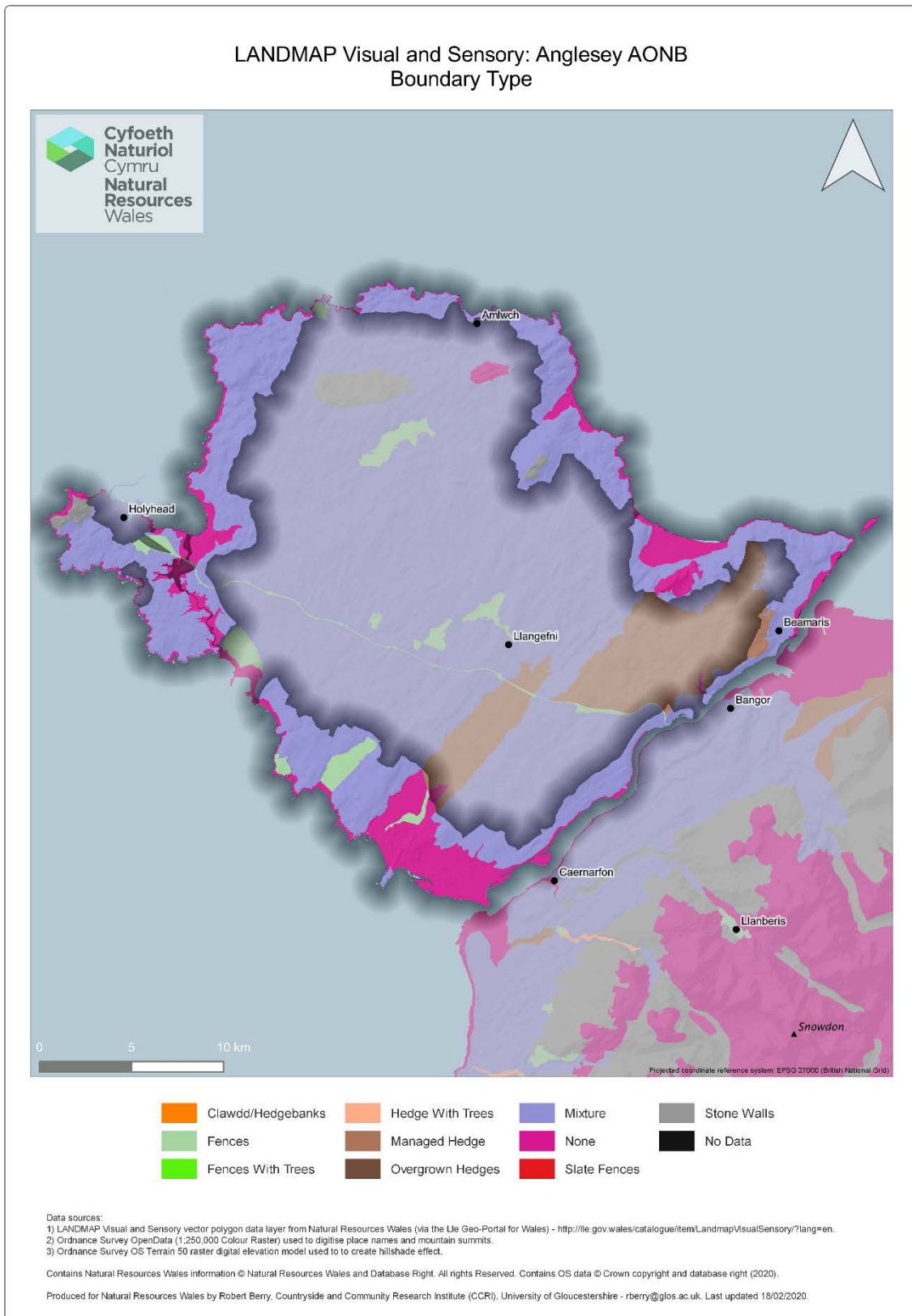


Figure 4.9 Predominant boundary type (Anglesey AONB)

Table 5.9 Boundary type area (km²) by LMP14 landscape (Anglesey AONB)

	Clawdd/ Hedge- banks	Fences	Fences with Trees	Hedge with Trees	Managed Hedge	Mixture	No Data	None	Overgrown Hedges	Slate Fences	Stone Walls	Total (km ²)
Coastal edge	0.00	4.42	0.00	0.00	0.00	1.77	0.00	36.45	0.00	0.00	0.00	42.64
Developed (amenity)	0.00	0.70	0.00	0.00	0.00	0.82	0.00	0.00	0.00	0.00	0.00	1.52
Developed (communities)	0.00	0.91	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	3.91
Developed (industry)	0.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37
Lowland (wooded & wetland)	0.00	0.00	0.00	0.00	0.00	3.56	0.00	6.92	0.00	0.00	0.00	10.48
Lowland valleys	0.00	0.00	0.00	0.00	0.00	64.64	0.00	0.00	0.00	0.00	0.00	64.64
Lowland valleys (open)	0.00	0.00	0.00	0.00	2.09	63.10	0.00	0.00	0.00	0.00	0.00	65.19
Upland (grassland)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.83	0.83
Upland (moorland)	0.00	0.00	0.00	0.00	0.00	12.08	0.00	0.00	0.00	0.00	1.90	13.98
Upland (rock)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Upland (wooded hills)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.60	0.00	0.00	0.00	2.60
Upland (wooded)	0.00	0.00	0.00	0.00	0.00	6.08	0.00	0.00	0.00	0.00	0.00	6.08
Water (inland)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water (sea)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.21	0.00	0.00	0.00	6.21
Total	0.00	6.40	0.00	0.00	2.09	155.05	0.00	52.18	0.00	0.00	2.73	218.45

Table 5.10 Boundary type area (% of designated landscape area) by LMP14 landscape (Anglesey AONB)

	Clawdd/ Hedge- banks	Fences	Fences with Trees	Hedge with Trees	Managed Hedge	Mixture	No Data	None	Overgrown Hedges	Slate Fences	Stone Walls	% total area
Coastal edge	0.00	2.02	0.00	0.00	0.00	0.81	0.00	16.69	0.00	0.00	0.00	19.52
Developed (amenity)	0.00	0.32	0.00	0.00	0.00	0.38	0.00	0.00	0.00	0.00	0.00	0.70
Developed (communities)	0.00	0.42	0.00	0.00	0.00	1.37	0.00	0.00	0.00	0.00	0.00	1.79
Developed (industry)	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17
Lowland (wooded & wetland)	0.00	0.00	0.00	0.00	0.00	1.63	0.00	3.17	0.00	0.00	0.00	4.80
Lowland valleys	0.00	0.00	0.00	0.00	0.00	29.59	0.00	0.00	0.00	0.00	0.00	29.59
Lowland valleys (open)	0.00	0.00	0.00	0.00	0.96	28.89	0.00	0.00	0.00	0.00	0.00	29.85
Upland (grassland)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.38
Upland (moorland)	0.00	0.00	0.00	0.00	0.00	5.53	0.00	0.00	0.00	0.00	0.87	6.40
Upland (rock)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Upland (wooded hills)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.00	1.19
Upland (wooded)	0.00	0.00	0.00	0.00	0.00	2.78	0.00	0.00	0.00	0.00	0.00	2.78
Water (inland)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water (sea)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.84	0.00	0.00	0.00	2.84

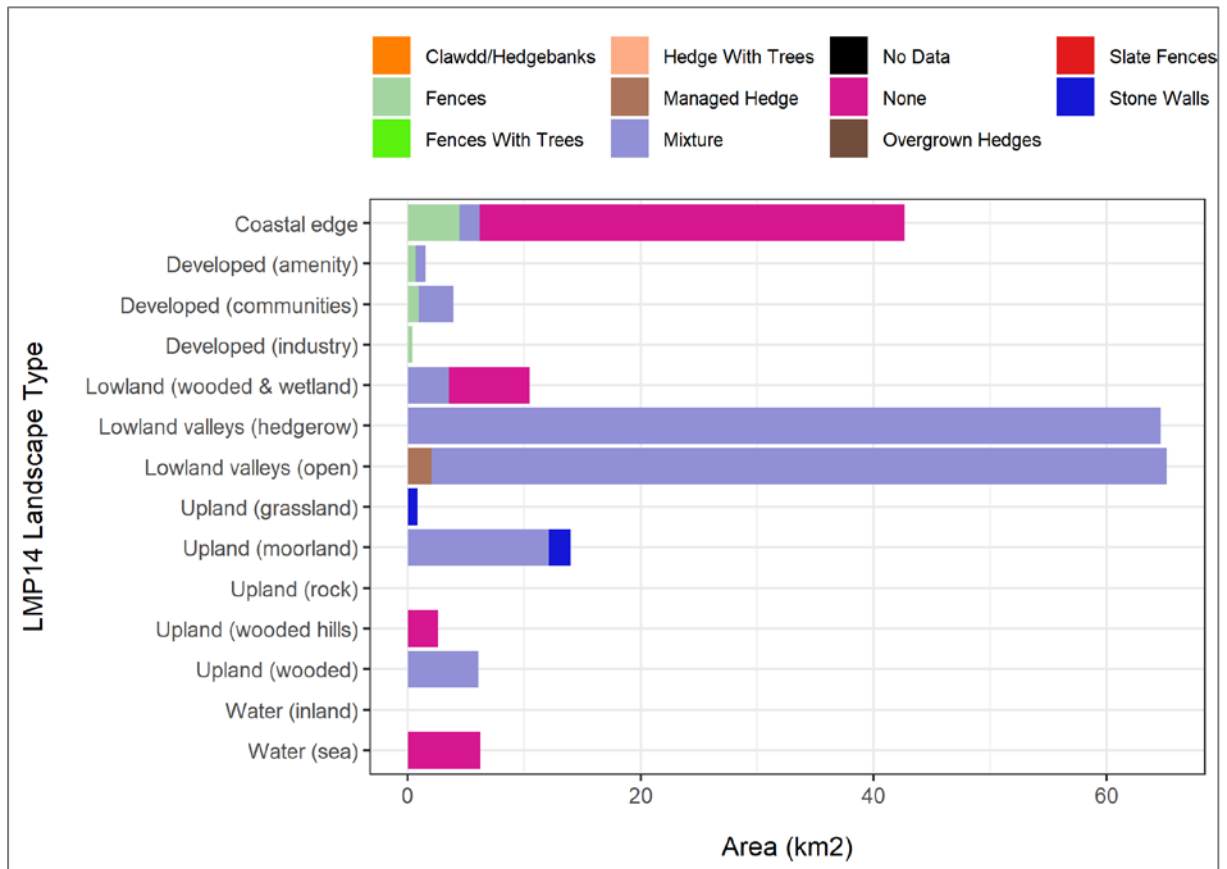


Figure 4.10 Boundary type (km²) by LMP14 landscape (Anglesey AONB)

4.6. Overall Evaluation

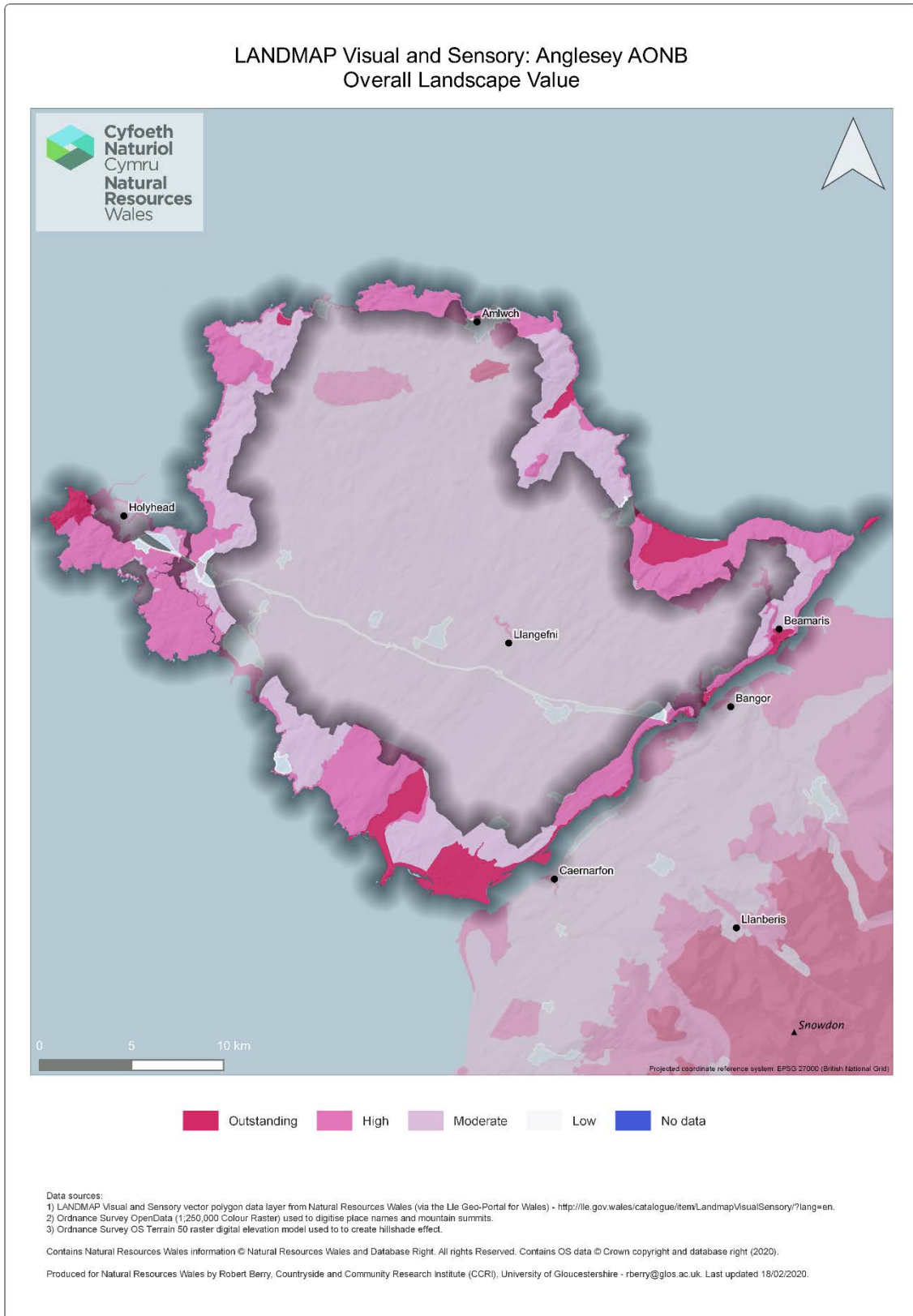


Figure 4.11 Overall landscape evaluation (Anglesey AONB)

Table 5.11 Overall landscape evaluation (km²) by LMP14 landscape (Anglesey AONB)

	Outstanding	High	Moderate	Low	No Data	Total km2
Coastal edge	22.03	20.61	0.00	0.00	0.00	42.64
Developed (amenity)	0.00	0.00	0.82	0.70	0.00	1.52
Developed (communities)	0.52	0.25	1.37	1.77	0.00	3.91
Developed (industry)	0.00	0.00	0.00	0.37	0.00	0.37
Lowland (wooded & wetland)	0.00	1.97	8.51	0.00	0.00	10.48
Lowland valleys (hedgerow)	0.00	55.82	8.82	0.00	0.00	64.64
Lowland valleys (open)	0.00	3.74	61.45	0.00	0.00	65.19
Upland (grassland)	0.00	0.83	0.00	0.00	0.00	0.83
Upland (moorland)	1.90	6.96	5.12	0.00	0.00	13.98
Upland (rock)	0.00	0.00	0.00	0.00	0.00	0.00
Upland (wooded hills)	0.00	2.60	0.00	0.00	0.00	2.60
Upland (wooded)	0.00	6.08	0.00	0.00	0.00	6.08
Water (inland)	0.00	0.00	0.00	0.00	0.00	0.00
Water (sea)	5.24	0.97	0.00	0.00	0.00	6.21
Total	29.69	99.83	86.09	2.84	0.00	218.45

Table 5.12 Overall landscape evaluation (% of designated landscape area) by LMP14 landscape (Anglesey AONB)

	Outstanding	High	Moderate	Low	No Data	% total area
Coastal edge	10.08	9.43	0.00	0.00	0.00	19.51
Developed (amenity)	0.00	0.00	0.38	0.32	0.00	0.70
Developed (communities)	0.24	0.11	0.63	0.81	0.00	1.79
Developed (industry)	0.00	0.00	0.00	0.17	0.00	0.17
Lowland (wooded & wetland)	0.00	0.90	3.90	0.00	0.00	4.80
Lowland valleys (hedgerow)	0.00	25.55	4.04	0.00	0.00	29.59
Lowland valleys (open)	0.00	1.71	28.13	0.00	0.00	29.84
Upland (grassland)	0.00	0.38	0.00	0.00	0.00	0.38
Upland (moorland)	0.87	3.19	2.34	0.00	0.00	6.40
Upland (rock)	0.00	0.00	0.00	0.00	0.00	0.00
Upland (wooded hills)	0.00	1.19	0.00	0.00	0.00	1.19
Upland (wooded)	0.00	2.78	0.00	0.00	0.00	2.78
Water (inland)	0.00	0.00	0.00	0.00	0.00	0.00
Water (sea)	2.40	0.44	0.00	0.00	0.00	2.84

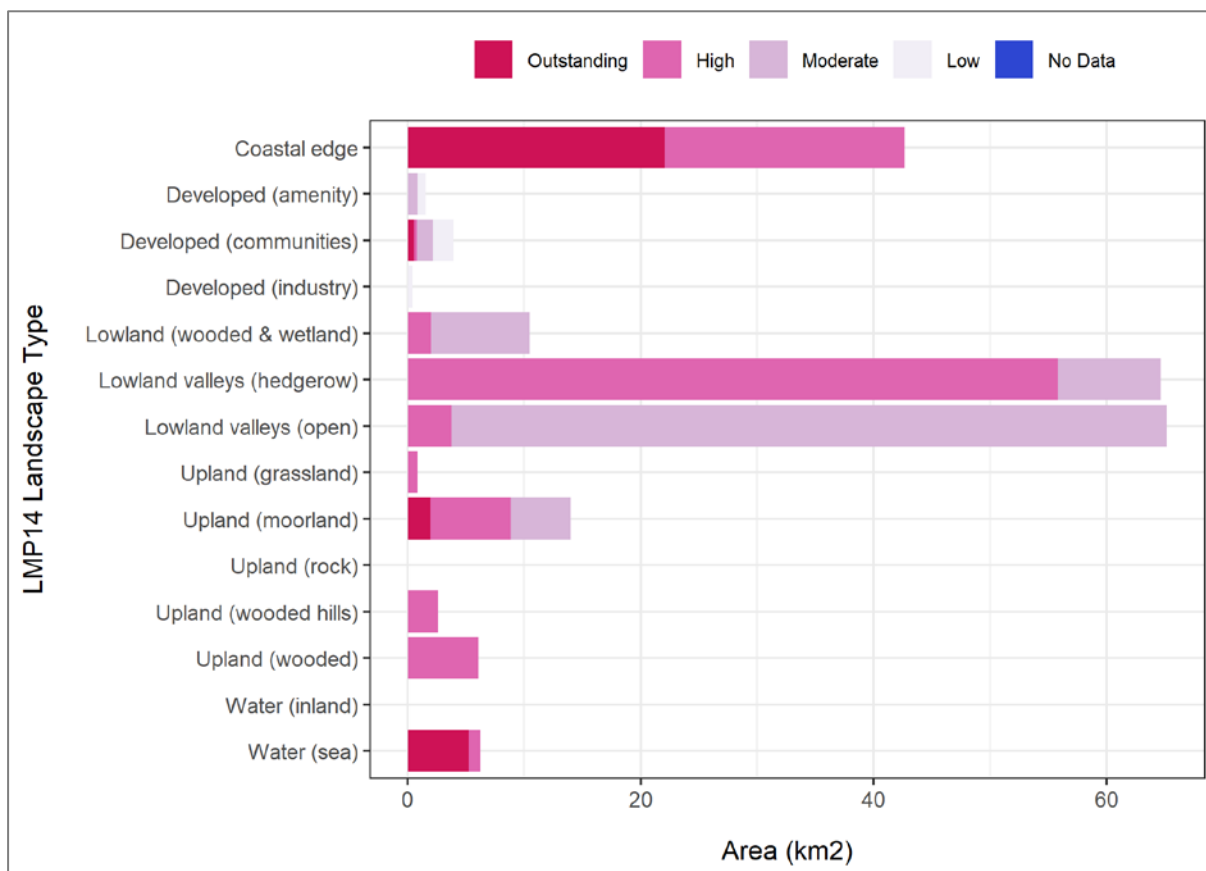


Figure 4.10 Overall evaluation (km²) by LMP14 landscape (Anglesey AONB)

5. Maps and Statistics: Brecon Beacons National Park

5.1. LMP14 Landscape Types

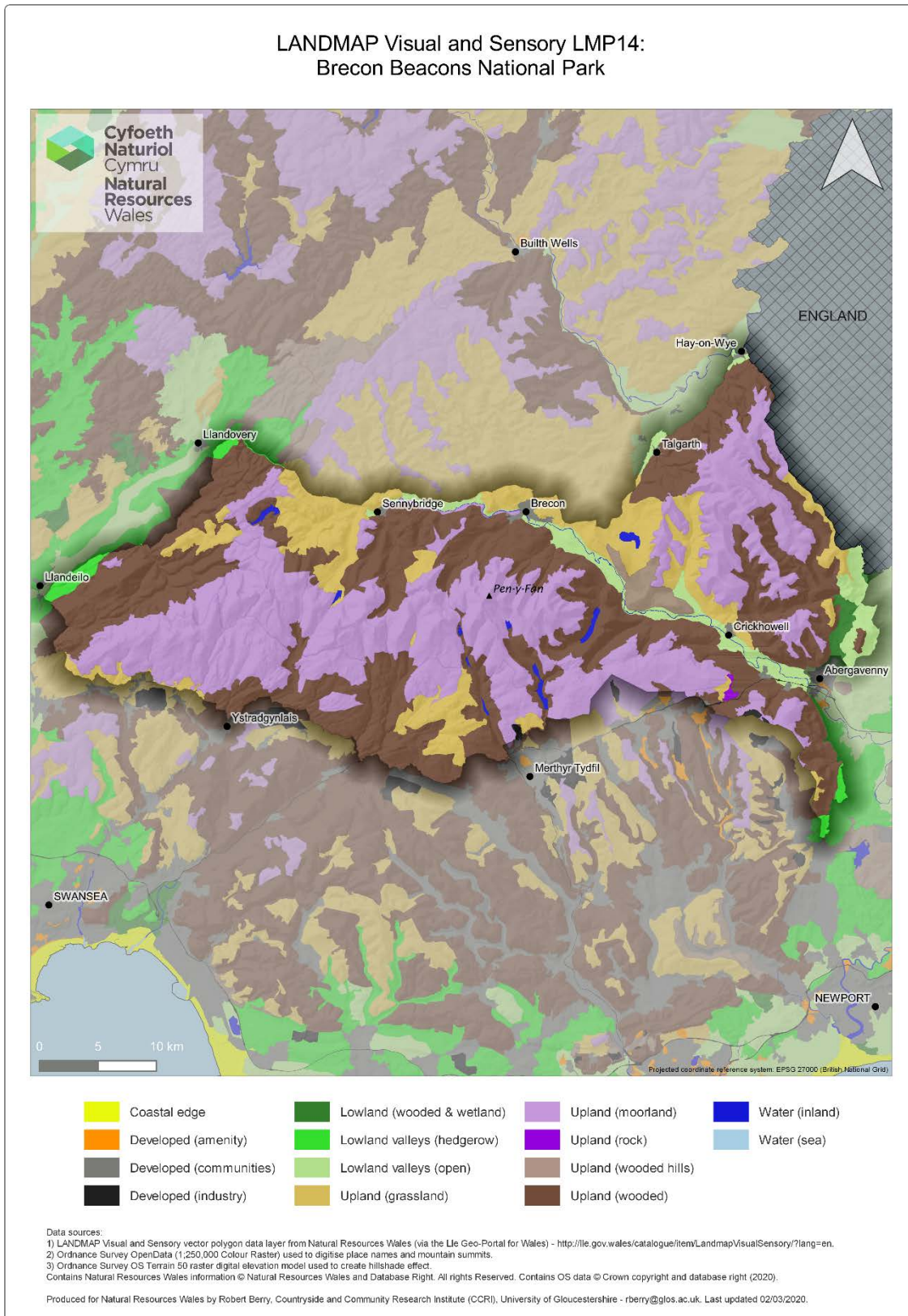


Figure 5.1 LANDMAP LMP14 landscape types for Brecon Beacons National Park

Table 5.1 Area statistics (km²) for LMP14 landscape types (highlighting Brecon Beacons National Park)⁹

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	Total (km ²)
Anglesey AONB	42.64	1.52	3.91	0.37	10.48	64.64	65.19	0.83	13.98	0.00	2.60	6.08	0.00	6.21	218.45
Brecon Beacons National Park	0.00	0.00	7.02	1.63	6.65	12.24	55.59	169.71	528.22	1.14	16.23	543.20	8.55	0.00	1350.18
Clwydian Range and Dee Valley AONB	0.00	0.01	2.64	1.96	6.19	60.63	41.46	76.88	133.35	0.10	16.59	49.27	0.18	0.00	389.26
Gower AONB	50.45	1.25	1.16	0.00	8.53	18.44	92.45	14.03	0.00	0.00	0.00	0.00	0.00	0.00	186.31
Llyn AONB	11.85	0.00	1.34	1.38	1.94	23.34	50.26	45.73	19.80	0.00	0.00	3.68	0.00	0.00	159.32
Pembrokeshire Coast National Park	36.43	0.82	7.16	0.00	46.55	125.15	224.55	130.36	9.84	0.00	0.00	8.86	18.19	0.00	607.91
Snowdonia National Park	52.36	0.00	7.57	0.05	42.95	123.62	126.14	321.24	894.00	139.12	238.57	160.42	23.37	9.92	2139.33
Wye Valley AONB (Wales)	0.00	0.00	0.03	0.03	25.38	10.37	6.94	28.54	0.00	0.00	44.95	0.00	1.04	0.00	117.28

⁹ Other designated landscape areas shown for comparison

Table 5.2 Area statistics (% total land area of designated area) for LMP14 landscape types (highlighting Brecon Beacons National Park) ¹⁰

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)
Anglesey AONB	19.52	0.70	1.79	0.17	4.80	29.59	29.84	0.38	6.40	0.00	1.19	2.78	0.00	2.84
Brecon Beacons National Park	0.00	0.00	0.52	0.12	0.49	0.91	4.12	12.57	39.12	0.08	1.20	40.23	0.63	0.00
Clwydian Range and Dee Valley AONB	0.00	0.00	0.68	0.50	1.59	15.58	10.65	19.75	34.26	0.03	4.26	12.66	0.05	0.00
Gower AONB	27.08	0.67	0.62	0.00	4.58	9.90	49.62	7.53	0.00	0.00	0.00	0.00	0.00	0.00
Llyn AONB	7.44	0.00	0.84	0.87	1.22	14.65	31.55	28.70	12.43	0.00	0.00	2.31	0.00	0.00
Pembrokeshire Coast National Park	5.99	0.13	1.18	0.00	7.66	20.59	36.94	21.44	1.62	0.00	0.00	1.46	2.99	0.00
Snowdonia National Park	2.45	0.00	0.35	0.00	2.01	5.78	5.90	15.02	41.79	6.50	11.15	7.50	1.09	0.46
Wye Valley AONB (Wales)	0.00	0.00	0.03	0.03	21.64	8.84	5.92	24.33	0.00	0.00	38.33	0.00	0.89	0.00

¹⁰ Other designated landscape areas shown for comparison

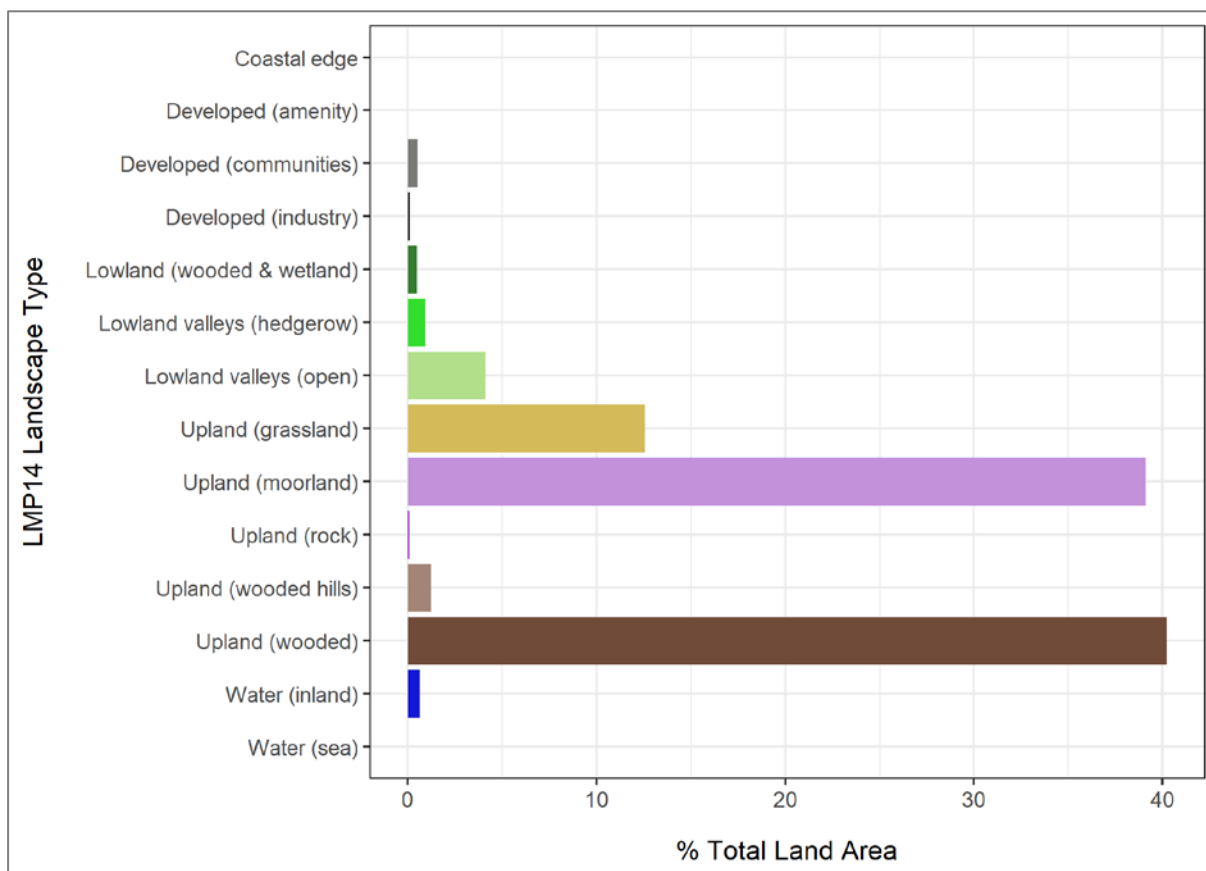


Figure 5.2 Area statistics for LMP14 landscape types (Brecon Beacons National Park)

5.2. Sea Level Rise

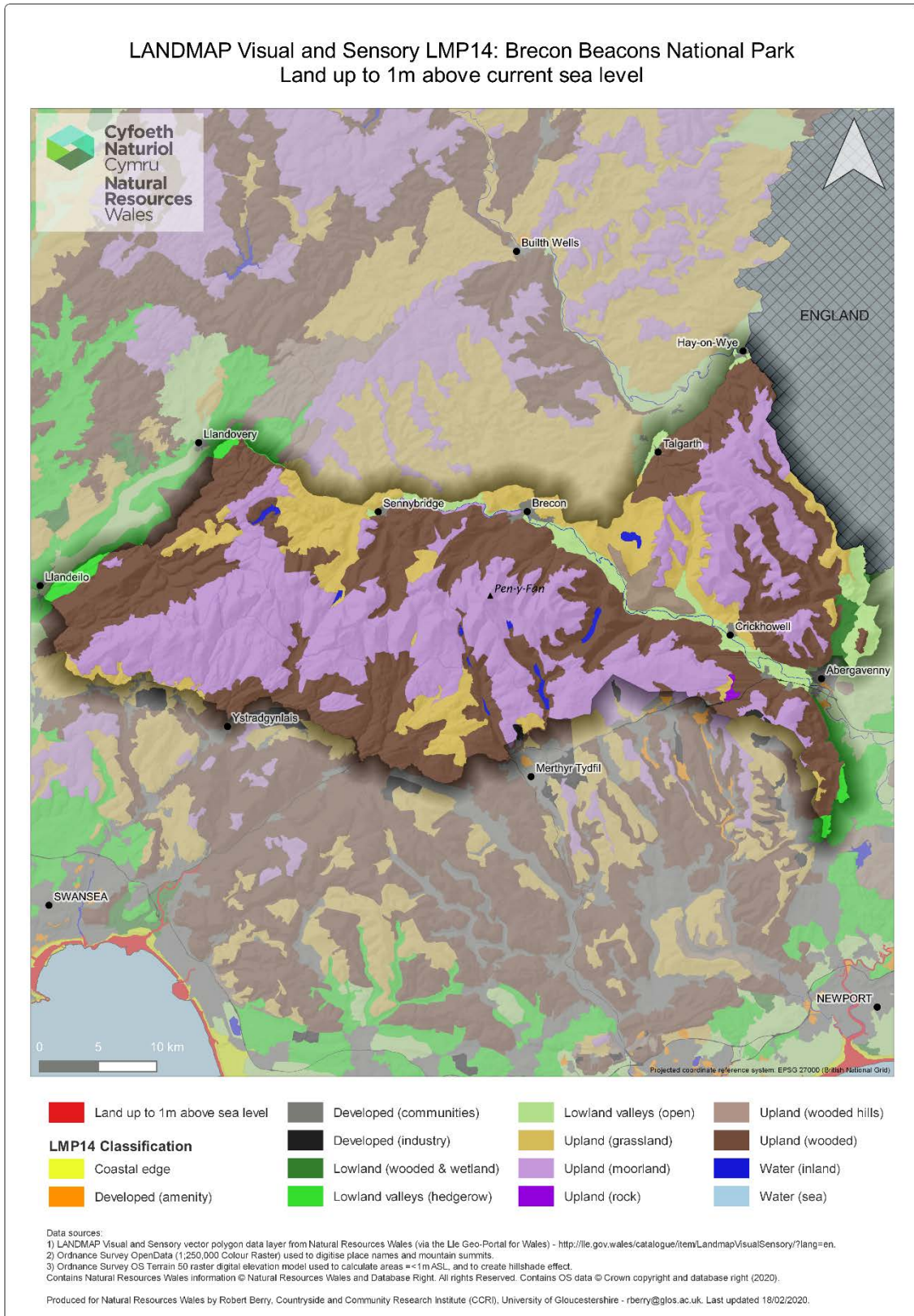


Figure 5.3 LANDMAP LMP14 landscape types with land up to 1m above sea level (Brecon Beacons National Park)

Table 5.3 Land up to 1m above sea level (km²) by LMP14 landscape types (highlighting Brecon Beacons National Park¹¹)

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	Total (km ²)
Anglesey AONB	17.98	0.00	0.02	0.00	0.00	0.25	0.45	0.00	0.01	0.00	0.00	0.00	0.00	3.67	22.38
Brecon Beacons National Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Clwydian Range and Dee Valley AONB	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gower AONB	22.13	0.00	0.00	0.00	7.42	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.59
Llyn AONB	3.71	0.00	0.03	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.75
Pembrokeshire Coast National Park	9.32	0.00	0.00	0.00	0.35	0.19	0.35	0.00	0.00	0.00	0.00	0.00	6.21	0.00	16.42
Snowdonia National Park	4.78	0.00	0.01	0.00	0.34	0.00	1.31	0.04	0.00	0.00	0.00	0.10	0.00	8.71	15.29
Wye Valley AONB (Wales)	0.00	0.00	0.01	0.00	0.33	0.00	0.26	0.00	0.00	0.00	0.00	0.00	0.50	0.00	1.10
Total	57.92	0	0.07	0	8.44	0.44	2.42	0.04	0.01	0	0	0.1	6.71	12.38	88.53

¹¹ Other designated landscape areas shown for comparison

Table 5.4 Land up to 1m above sea level (% area of designated landscape) by LMP14 landscape types (highlighting Brecon Beacons National Park ¹²)

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	% Total area of designated area
Anglesey AONB	8.23	0.00	0.01	0.00	0.00	0.11	0.21	0.00	0.00	0.00	0.00	0.00	0.00	1.68	10.24
Brecon Beacons National Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
Clwydian Range and Dee Valley AONB	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
Gower AONB	11.88	0.00	0.00	0.00	3.98	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.88
Llyn AONB	2.33	0.00	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.36
Pembrokeshire Coast National Park	1.53	0.00	0.00	0.00	0.06	0.03	0.06	0.00	0.00	0.00	0.00	0.00	1.02	0.00	2.7
Snowdonia National Park	0.22	0.00	0.00	0.00	0.02	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.71
Wye Valley AONB (Wales)	0.00	0.00	0.01	0.00	0.28	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.43	0.00	0.94

¹² Other designated landscape areas shown for comparison

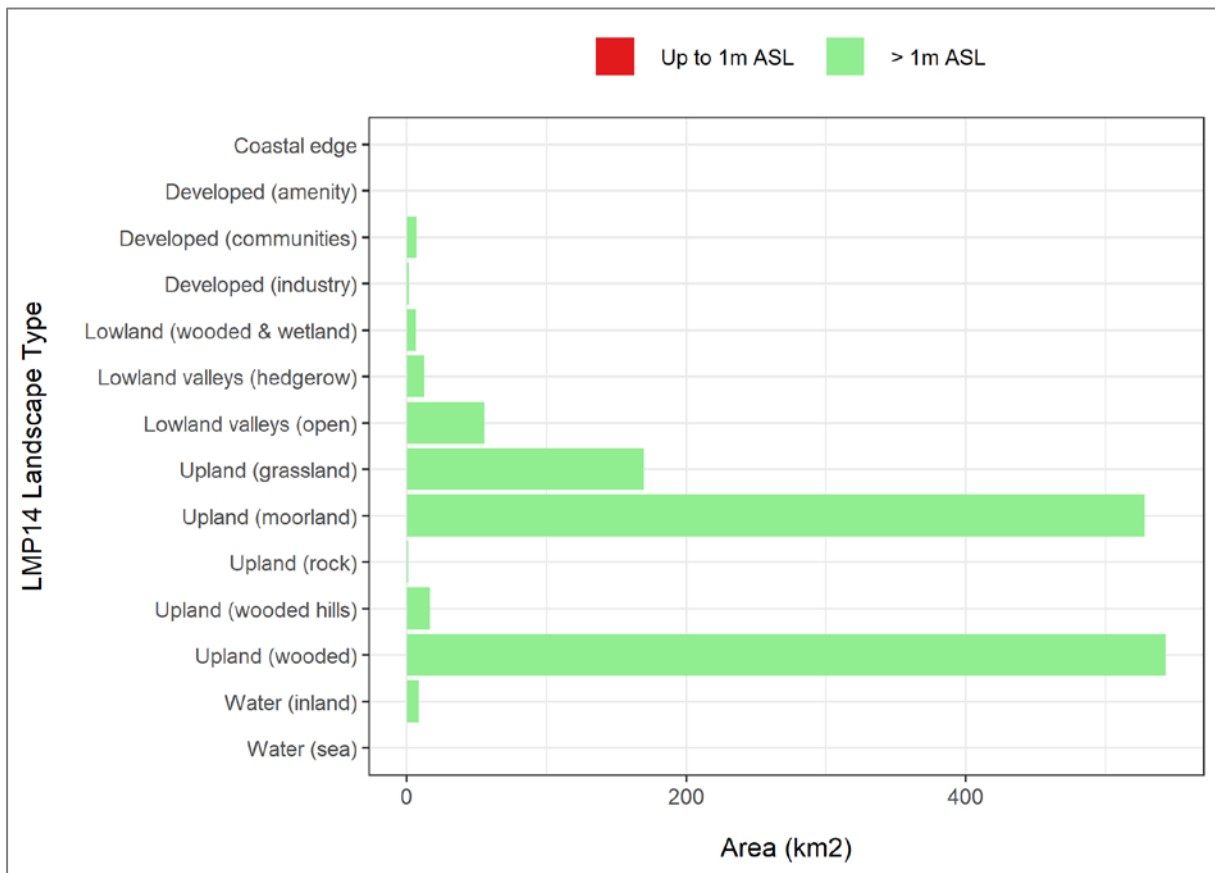


Figure 5.4 Area statistics for LMP14 landscapes up to 1m above sea level (Brecon Beacons National Park)

5.3. River and Sea Flooding: Flood Zone 2

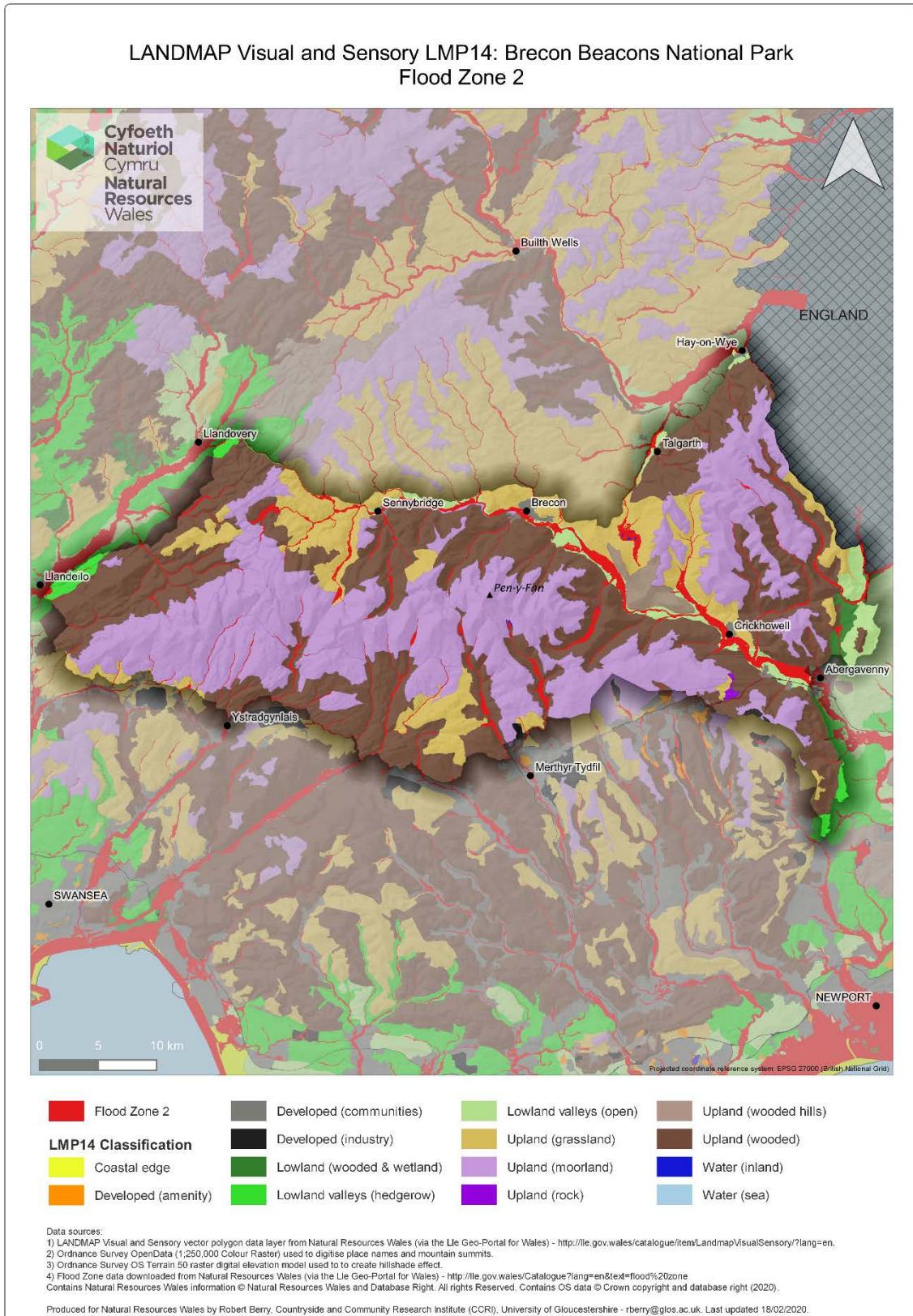


Figure 5.5 LMP14 landscape types with Flood Zone 2 (Brecon Beacons National Park)

Table 5.5 Flood Zone 2 area (km²) by LMP14 landscape types (highlighting Brecon Beacons National Park ¹³)

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	Total (km ²) Flood Zone 2
Anglesey AONB	30.64	0.08	0.39	0.02	0.63	1.95	5.34	0.00	0.01	0.00	0.00	0.30	0.00	5.95	45.31
Brecon Beacons National Park	0.00	0.00	0.82	0.05	0.68	0.36	18.72	6.31	2.70	0.00	0.05	15.37	8.07	0.00	53.13
Clwydian Range and Dee Valley AONB	0.00	0.00	0.26	0.06	0.38	7.00	1.94	0.58	0.15	0.00	0.72	0.37	0.18	0.00	11.64
Gower AONB	32.06	0.00	0.03	0.00	1.32	0.64	2.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.99
Llyn AONB	5.87	0.00	0.05	0.00	0.39	0.20	1.60	0.10	0.00	0.00	0.00	0.00	0.00	0.00	8.21
Pembrokeshire Coast National Park	14.82	0.15	0.34	0.00	3.56	3.44	3.79	2.09	0.00	0.00	0.00	0.00	10.31	0.00	38.50
Snowdonia National Park	30.41	0.00	1.25	0.00	7.68	13.31	28.43	9.80	6.33	0.30	3.13	2.66	13.79	9.84	126.93
Wye Valley AONB (Wales)	0.00	0.00	0.02	0.01	1.50	0.41	2.34	0.23	0.00	0.00	0.14	0.00	1.04	0.00	5.69
Total	113.80	0.23	3.16	0.14	16.14	27.31	65.10	19.11	9.19	0.30	4.04	18.70	33.39	15.79	326.40

¹³ Other designated landscape areas shown for comparison

Table 5.6 Flood Zone 2 area as a % of total area of designated landscape, by LMP14 landscape types (highlighting Brecon Beacons National Park ¹⁴)

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	% Total area of designated landscape
Anglesey AONB	14.03	0.04	0.18	0.01	0.29	0.89	2.44	0.00	0.00	0.00	0.00	0.14	0.00	2.72	20.74
Brecon Beacons National Park	0.00	0.00	0.06	0.00	0.05	0.03	1.39	0.47	0.20	0.00	0.00	1.14	0.60	0.00	3.94
Clwydian Range and Dee Valley AONB	0.00	0.00	0.07	0.02	0.10	1.80	0.50	0.15	0.04	0.00	0.18	0.10	0.05	0.00	3.01
Gower AONB	17.21	0.00	0.02	0.00	0.71	0.34	1.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.86
Llyn AONB	3.68	0.00	0.03	0.00	0.24	0.13	1.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	5.14
Pembrokeshire Coast National Park	2.44	0.02	0.06	0.00	0.59	0.57	0.62	0.34	0.00	0.00	0.00	0.00	1.70	0.00	6.34
Snowdonia National Park	1.42	0.00	0.06	0.00	0.36	0.62	1.33	0.46	0.30	0.01	0.15	0.12	0.64	0.46	5.93
Wye Valley AONB (Wales)	0.00	0.00	0.02	0.01	1.28	0.35	2.00	0.20	0.00	0.00	0.12	0.00	0.89	0.00	4.87

¹⁴ Other designated landscape areas shown for comparison

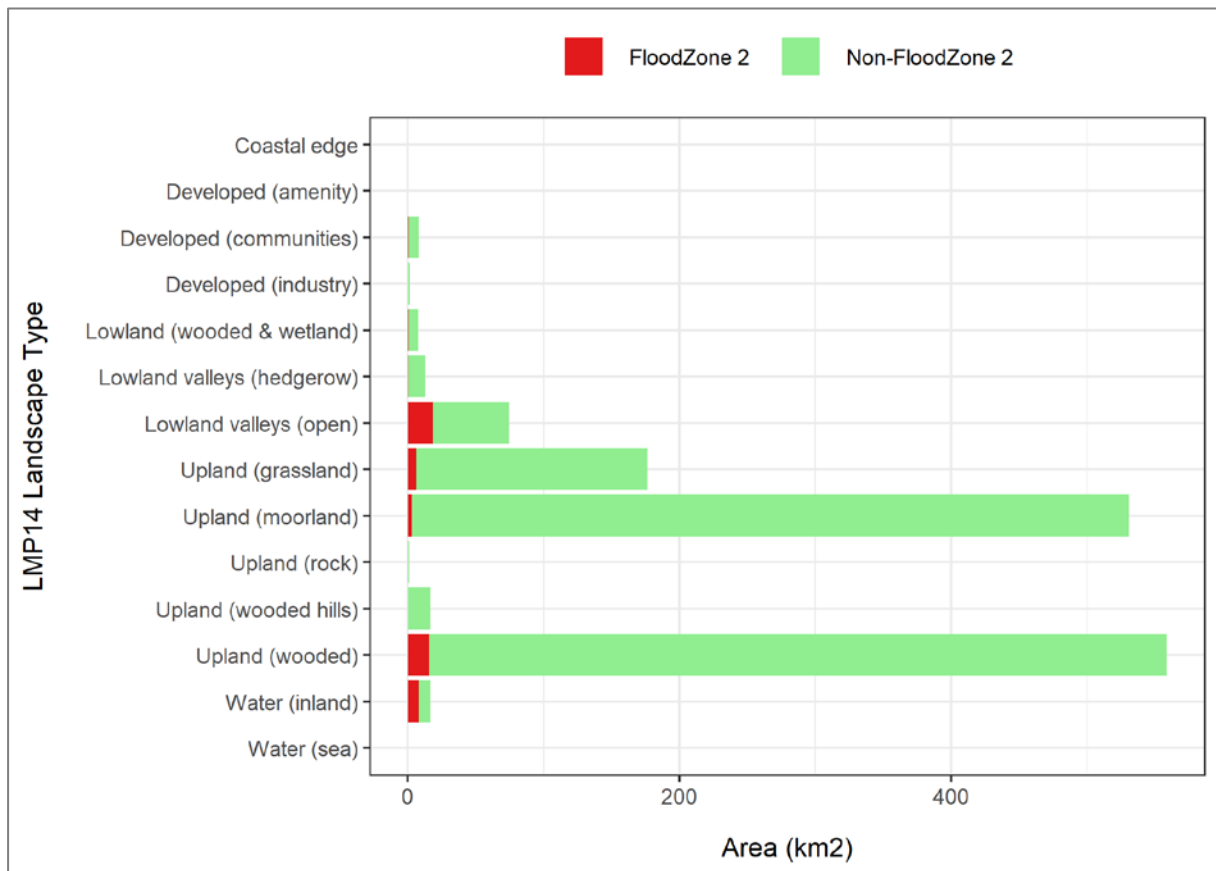


Figure 5.6 Flood Zone 2 area (km²) by LMP14 landscape type (Brecon Beacons National Park)

5.4. River and Sea Flooding: Flood Zone 3

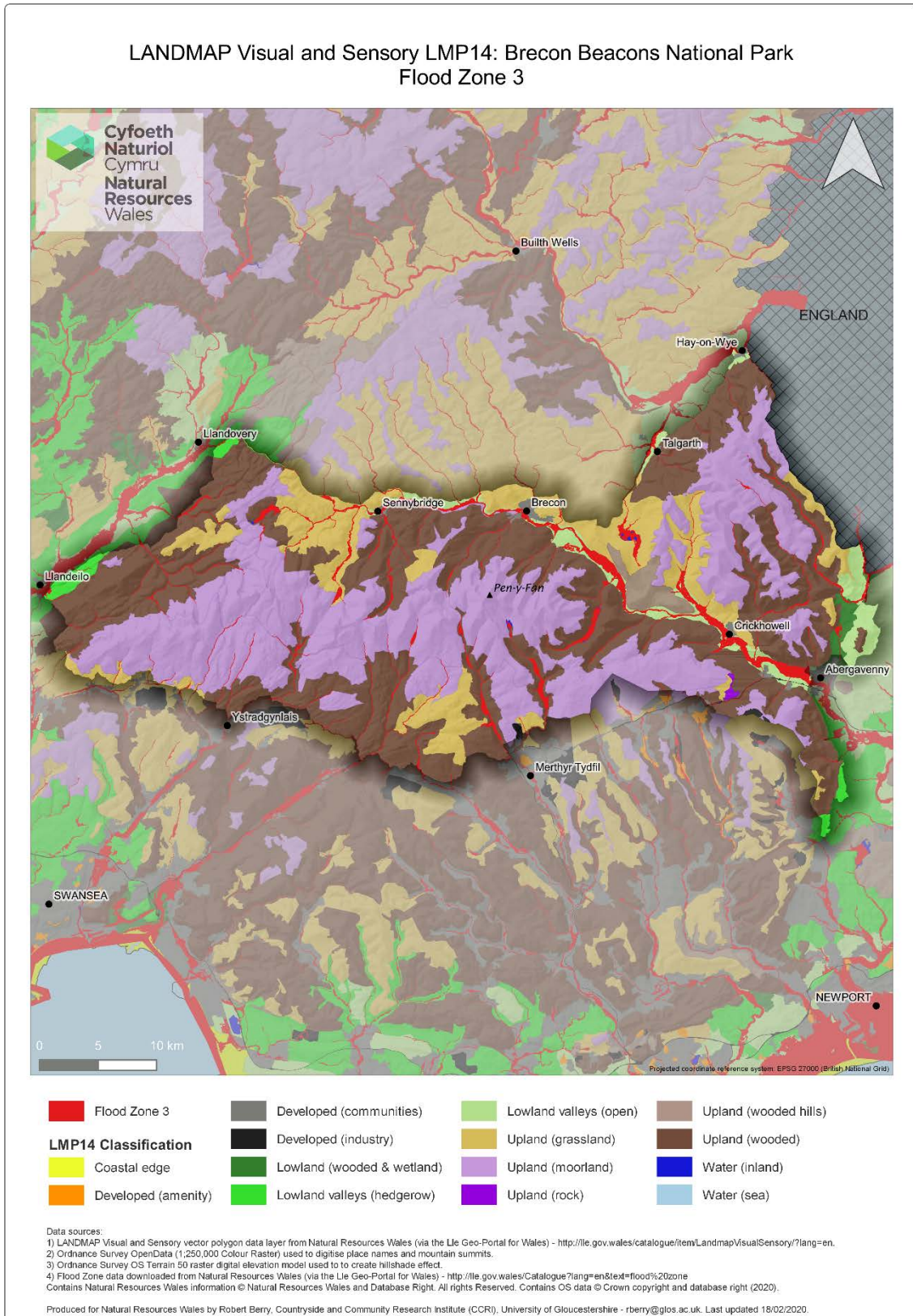


Figure 5.7 LMP14 landscape types with Flood Zone 3 (Brecon Beacons National Park)

Table 5.7 Flood Zone 3 area (km²) by LMP14 landscape types (highlighting Brecon Beacons National Park ¹⁵)

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	Total (km ²) Flood Zone 3
Anglesey AONB	30.34	0.07	0.34	0.02	0.51	1.73	4.63	0.00	0.01	0.00	0.00	0.25	0.00	5.93	43.83
Brecon Beacons National Park	0.00	0.00	0.61	0.05	0.57	0.25	16.58	5.04	2.33	0.00	0.04	12.69	7.80	0.00	45.96
Clwydian Range and Dee Valley AONB	0.00	0.00	0.14	0.04	0.32	5.76	1.75	0.51	0.13	0.00	0.63	0.30	0.17	0.00	9.75
Gower AONB	31.48	0.00	0.02	0.00	1.23	0.44	2.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.29
Llyn AONB	5.76	0.00	0.04	0.00	0.33	0.17	1.41	0.08	0.00	0.00	0.00	0.00	0.00	0.00	7.79
Pembrokeshire Coast National Park	14.54	0.13	0.28	0.00	2.96	2.41	3.09	1.73	0.00	0.00	0.00	0.00	10.09	0.00	35.23
Snowdonia National Park	28.37	0.00	1.10	0.00	6.73	11.41	26.33	8.80	5.61	0.22	2.80	2.35	13.52	9.81	117.05
Wye Valley AONB (Wales)	0.00	0.00	0.01	0.01	1.17	0.39	1.85	0.21	0.00	0.00	0.12	0.00	1.04	0.00	4.80
Total	110.49	0.20	2.54	0.12	13.82	22.56	57.76	16.37	8.08	0.22	3.59	15.59	32.62	15.74	299.70

¹⁵ Other designated landscape areas shown for comparison

Table 5.8 Flood Zone 3 area as a % of total area of designated landscape, by LMP14 landscape types (highlighting Brecon Beacons National Park ¹⁶)

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	% Total area of designated landscape
Anglesey AONB	13.89	0.03	0.16	0.01	0.23	0.79	2.12	0.00	0.00	0.00	0.00	0.11	0.00	2.71	20.05
Brecon Beacons National Park	0.00	0.00	0.05	0.00	0.04	0.02	1.23	0.37	0.17	0.00	0.00	0.94	0.58	0.00	3.40
Clwydian Range and Dee Valley AONB	0.00	0.00	0.04	0.01	0.08	1.48	0.45	0.13	0.03	0.00	0.16	0.08	0.04	0.00	2.50
Gower AONB	16.90	0.00	0.01	0.00	0.66	0.24	1.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.95
Llyn AONB	3.62	0.00	0.03	0.00	0.21	0.11	0.89	0.05	0.00	0.00	0.00	0.00	0.00	0.00	4.91
Pembrokeshire Coast National Park	2.39	0.02	0.05	0.00	0.49	0.40	0.51	0.28	0.00	0.00	0.00	0.00	1.66	0.00	5.80
Snowdonia National Park	1.33	0.00	0.05	0.00	0.31	0.53	1.23	0.41	0.26	0.01	0.13	0.11	0.63	0.46	5.46
Wye Valley AONB (Wales)	0.00	0.00	0.01	0.01	1.00	0.33	1.58	0.18	0.00	0.00	0.10	0.00	0.89	0.00	4.10

¹⁶ Other designated landscape areas shown for comparison

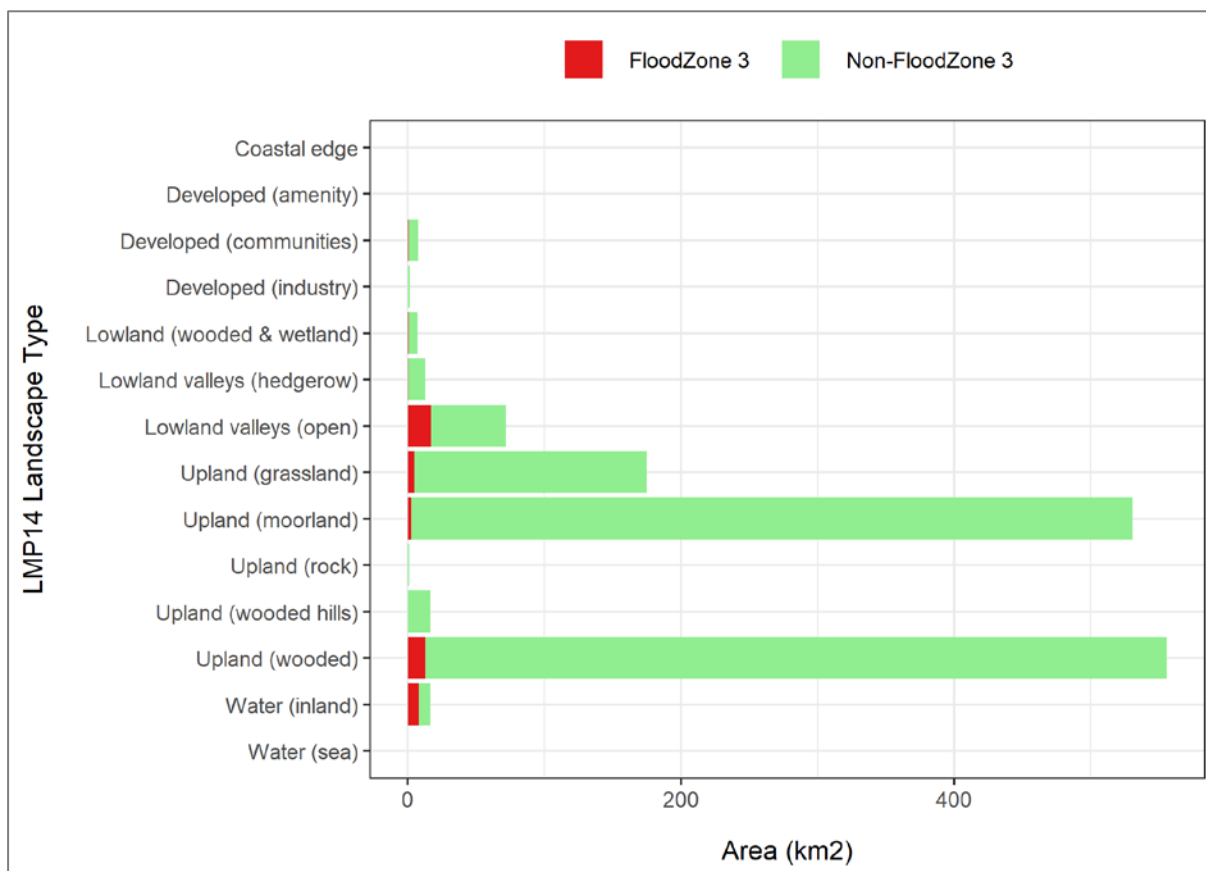


Figure 5.8 Flood Zone 3 area (km²) by LMP14 landscape type (Brecon Beacons National Park)

5.5. Boundary Type

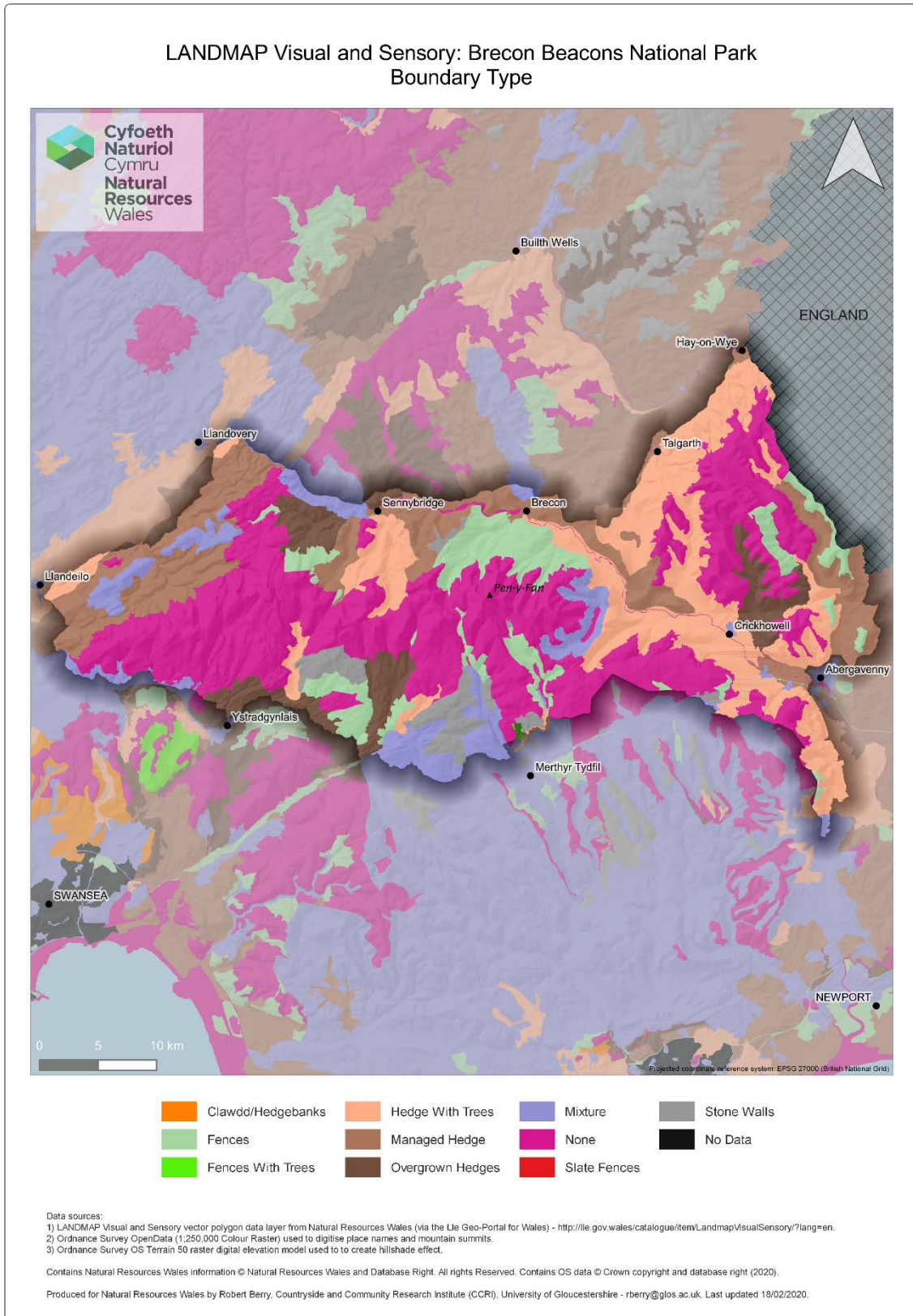


Figure 5.9 Predominant boundary type (Brecon Beacons National Park)

Table 5.9 Boundary type area (km²) by LMP14 landscape (Brecon Beacons National Park)

	Clawdd/ Hedge- banks	Fences	Fences with Trees	Hedge with Trees	Managed Hedge	Mixture	No Data	None	Overgrown Hedges	Slate Fences	Stone Walls	Total (km2)
Coastal edge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Developed (amenity)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Developed (communities)	0.00	0.00	0.00	0.00	4.51	2.03	0.00	0.00	0.00	0.00	0.48	7.02
Developed (industry)	0.00	0.33	0.11	0.00	0.00	0.36	0.00	0.83	0.00	0.00	0.00	1.63
Lowland (wooded & wetland)	0.00	0.00	0.00	0.00	6.65	0.00	0.00	0.00	0.00	0.00	0.00	6.65
Lowland valleys	0.00	0.00	0.00	10.64	0.00	1.60	0.00	0.00	0.00	0.00	0.00	12.24
Lowland valleys (open)	0.00	0.00	0.00	23.67	31.92	0.00	0.00	0.00	0.00	0.00	0.00	55.59
Upland (grassland)	0.00	12.84	0.00	50.41	32.25	28.21	0.00	0.31	22.69	0.00	23.00	169.71
Upland (moorland)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	512.51	0.00	0.00	15.71	528.22
Upland (rock)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.14	0.00	0.00	0.00	1.14
Upland (wooded hills)	0.00	0.00	0.00	0.00	16.23	0.00	0.00	0.00	0.00	0.00	0.00	16.23
Upland (wooded)	0.00	99.79	0.00	183.15	120.20	65.34	0.00	7.02	64.27	0.00	3.43	543.20
Water (inland)	0.00	1.81	0.00	0.00	1.33	0.62	0.00	4.52	0.00	0.00	0.27	8.55
Water (sea)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	114.77	0.11	267.87	213.09	98.16	0.00	526.33	86.96	0.00	42.89	1350.18

Table 5.10 Boundary type area (% of designated landscape area) by LMP14 landscape (Brecon Beacons National Park)

	Clawdd/ Hedge- banks	Fences	Fences with Trees	Hedge with Trees	Managed Hedge	Mixture	No Data	None	Overgrown Hedges	Slate Fences	Stone Walls	% total area
Coastal edge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Developed (amenity)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Developed (communities)	0.00	0.00	0.00	0.00	0.33	0.15	0.00	0.00	0.00	0.00	0.04	0.52
Developed (industry)	0.00	0.02	0.01	0.00	0.00	0.03	0.00	0.06	0.00	0.00	0.00	0.12
Lowland (wooded & wetland)	0.00	0.00	0.00	0.00	0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.49
Lowland valleys	0.00	0.00	0.00	0.79	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.91
Lowland valleys (open)	0.00	0.00	0.00	1.75	2.36	0.00	0.00	0.00	0.00	0.00	0.00	4.11
Upland (grassland)	0.00	0.95	0.00	3.73	2.39	2.09	0.00	0.02	1.68	0.00	1.70	12.56
Upland (moorland)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.96	0.00	0.00	1.16	39.12
Upland (rock)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.08
Upland (wooded hills)	0.00	0.00	0.00	0.00	1.20	0.00	0.00	0.00	0.00	0.00	0.00	1.20
Upland (wooded)	0.00	7.39	0.00	13.56	8.90	4.84	0.00	0.52	4.76	0.00	0.25	40.22
Water (inland)	0.00	0.13	0.00	0.00	0.10	0.05	0.00	0.33	0.00	0.00	0.02	0.63
Water (sea)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

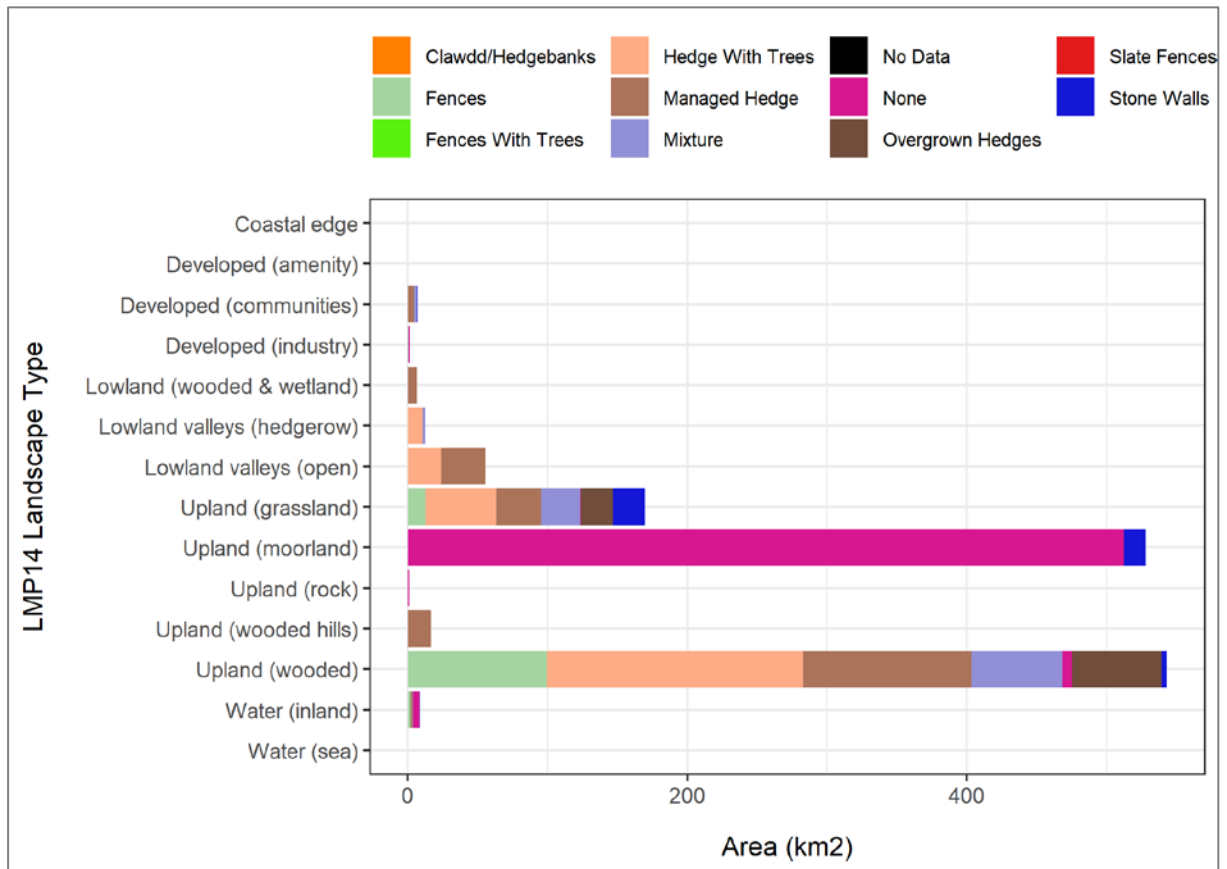


Figure 5.10 Boundary type (km²) by LMP14 landscape (Brecon Beacons National Park)

5.6. Overall Evaluation

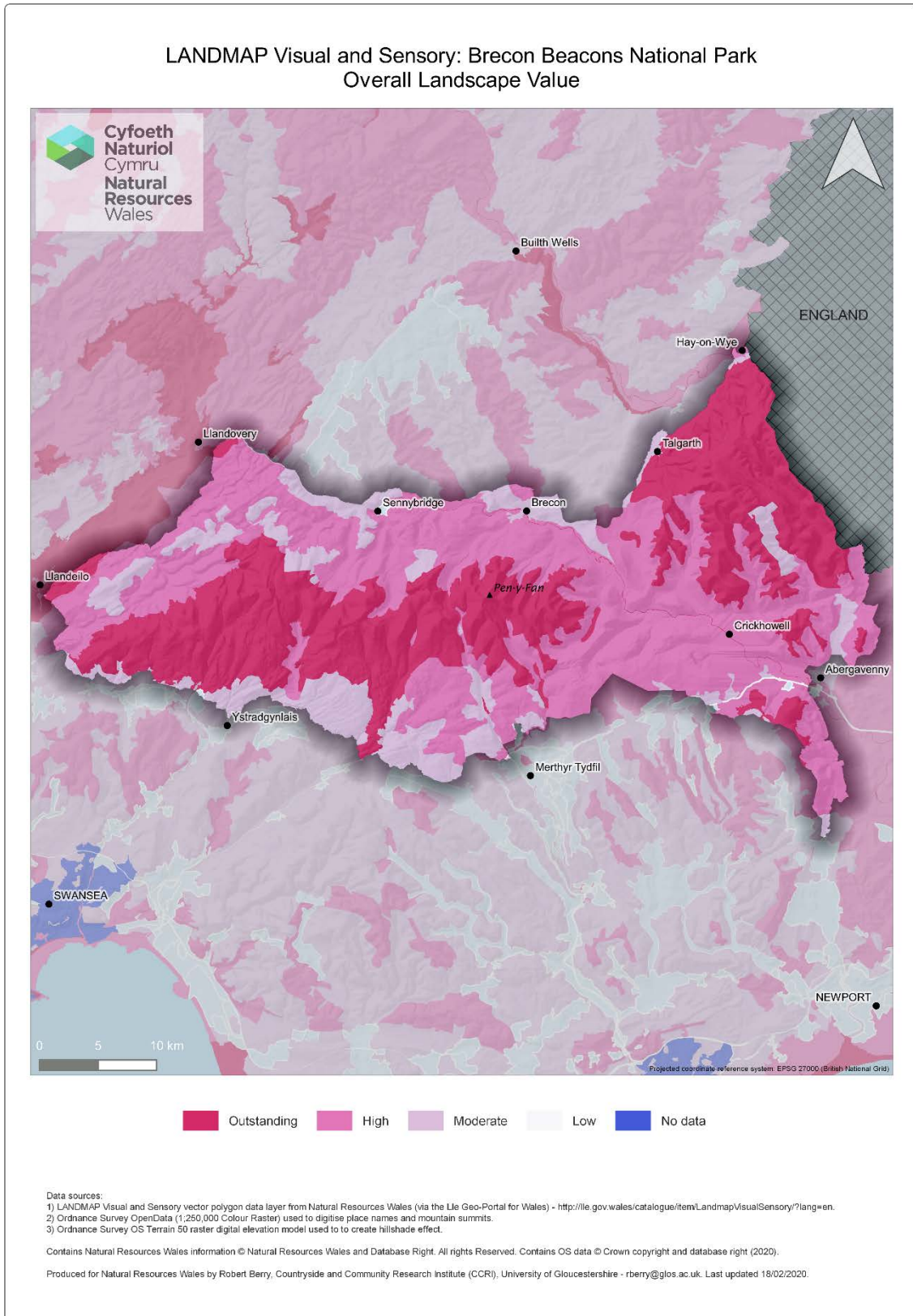


Figure 5.11 Overall landscape evaluation (Brecon Beacons National Park)

Table 5.11 Overall landscape evaluation (km²) by LMP14 landscape (Brecon Beacons National Park)

	Outstanding	High	Moderate	Low	No Data	Total km2
Coastal edge	0.00	0.00	0.00	0.00	0.00	0.00
Developed (amenity)	0.00	0.00	0.00	0.00	0.00	0.00
Developed (communities)	0.00	1.33	4.52	1.17	0.00	7.02
Developed (industry)	0.00	0.00	1.16	0.47	0.00	1.63
Lowland (wooded & wetland)	0.00	0.25	6.40	0.00	0.00	6.65
Lowland valleys (hedgerow)	8.80	1.89	1.55	0.00	0.00	12.24
Lowland valleys (open)	0.00	52.83	2.76	0.00	0.00	55.59
Upland (grassland)	8.51	109.46	51.44	0.30	0.00	169.71
Upland (moorland)	425.17	95.84	7.21	0.00	0.00	528.22
Upland (rock)	0.00	0.00	1.14	0.00	0.00	1.14
Upland (wooded hills)	0.00	16.23	0.00	0.00	0.00	16.23
Upland (wooded)	90.81	342.63	109.53	0.23	0.00	543.20
Water (inland)	6.32	2.01	0.22	0.00	0.00	8.55
Water (sea)	0.00	0.00	0.00	0.00	0.00	0.00
Total	539.61	622.47	185.93	2.17	0.00	1350.18

Table 5.12 Overall landscape evaluation (% of designated landscape area) by LMP14 landscape (Brecon Beacons National Park)

	Outstanding	High	Moderate	Low	No Data	% total area
Coastal edge	0.00	0.00	0.00	0.00	0.00	0.00
Developed (amenity)	0.00	0.00	0.00	0.00	0.00	0.00
Developed (communities)	0.00	0.10	0.33	0.09	0.00	0.52
Developed (industry)	0.00	0.00	0.09	0.03	0.00	0.12
Lowland (wooded & wetland)	0.00	0.02	0.47	0.00	0.00	0.49
Lowland valleys (hedgerow)	0.65	0.14	0.11	0.00	0.00	0.90
Lowland valleys (open)	0.00	3.91	0.20	0.00	0.00	4.11
Upland (grassland)	0.63	8.11	3.81	0.02	0.00	12.57
Upland (moorland)	31.49	7.10	0.53	0.00	0.00	39.12
Upland (rock)	0.00	0.00	0.08	0.00	0.00	0.08
Upland (wooded hills)	0.00	1.20	0.00	0.00	0.00	1.20
Upland (wooded)	6.73	25.38	8.11	0.02	0.00	40.24
Water (inland)	0.47	0.15	0.02	0.00	0.00	0.64
Water (sea)	0.00	0.00	0.00	0.00	0.00	0.00

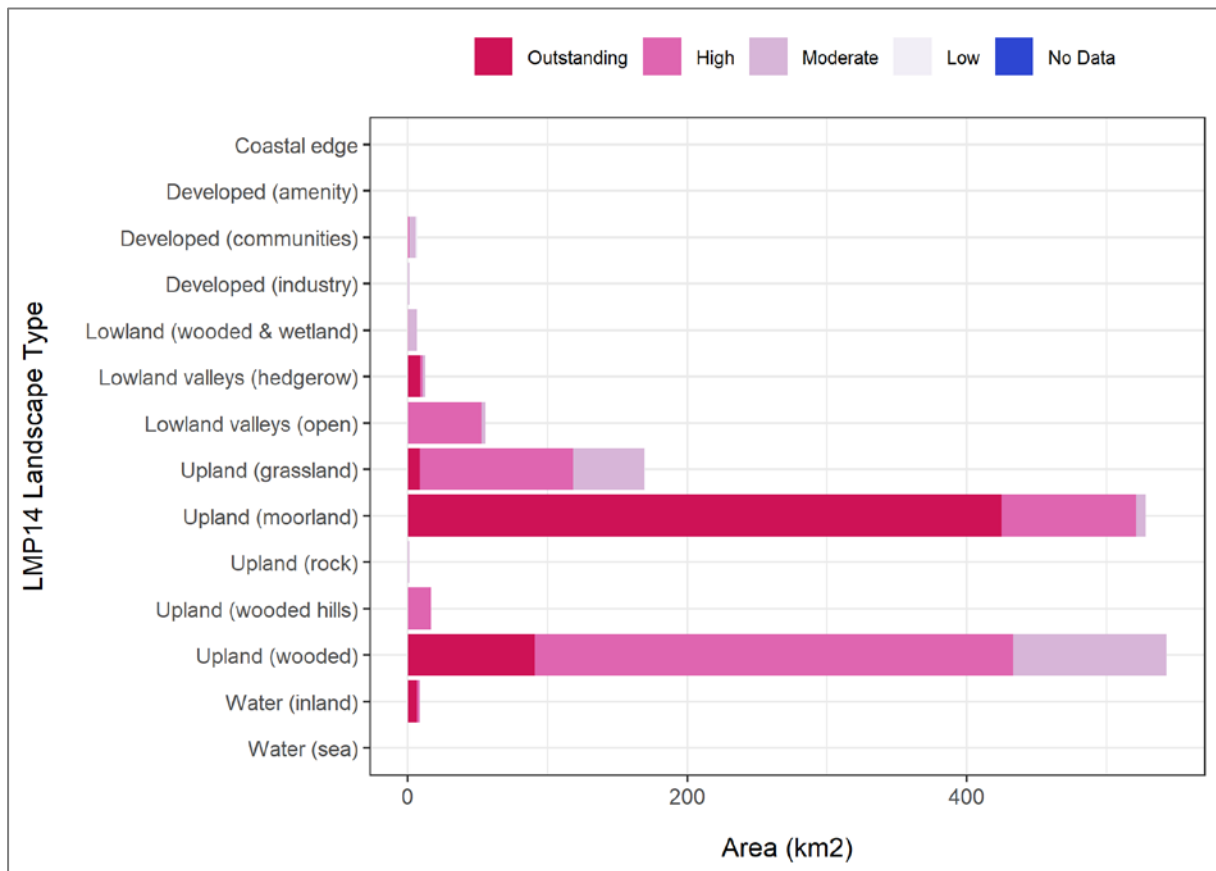


Figure 4.10 Overall evaluation (km²) by LMP14 landscape (Brecon Beacons National Park)

6. Maps and Statistics: Clwydian Range and Dee Valley AONB

6.1. LMP14 Landscape Types

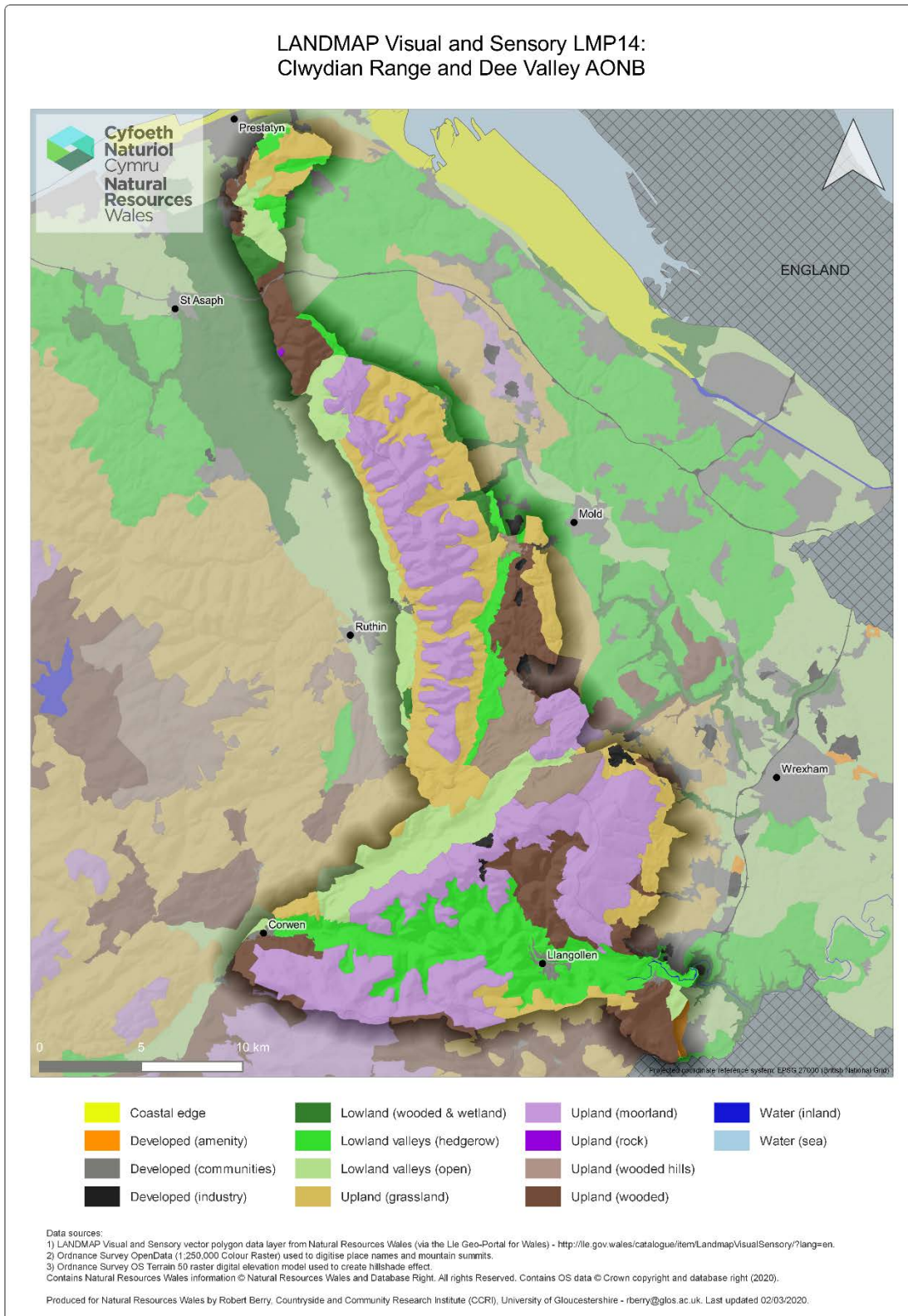


Figure 6.1 LANDMAP LMP14 landscape types for Clwydian Range and Dee Valley AONB

Table 6.1 Area statistics (km²) for LMP14 landscape types (highlighting Clwydian Range and Dee Valley AONB)¹⁷

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	Total (km ²)
Anglesey AONB	42.64	1.52	3.91	0.37	10.48	64.64	65.19	0.83	13.98	0.00	2.60	6.08	0.00	6.21	218.45
Brecon Beacons National Park	0.00	0.00	7.02	1.63	6.65	12.24	55.59	169.71	528.22	1.14	16.23	543.20	8.55	0.00	1350.18
Clwydian Range and Dee Valley AONB	0.00	0.01	2.64	1.96	6.19	60.63	41.46	76.88	133.35	0.10	16.59	49.27	0.18	0.00	389.26
Gower AONB	50.45	1.25	1.16	0.00	8.53	18.44	92.45	14.03	0.00	0.00	0.00	0.00	0.00	0.00	186.31
Llyn AONB	11.85	0.00	1.34	1.38	1.94	23.34	50.26	45.73	19.80	0.00	0.00	3.68	0.00	0.00	159.32
Pembrokeshire Coast National Park	36.43	0.82	7.16	0.00	46.55	125.15	224.55	130.36	9.84	0.00	0.00	8.86	18.19	0.00	607.91
Snowdonia National Park	52.36	0.00	7.57	0.05	42.95	123.62	126.14	321.24	894.00	139.12	238.57	160.42	23.37	9.92	2139.33
Wye Valley AONB (Wales)	0.00	0.00	0.03	0.03	25.38	10.37	6.94	28.54	0.00	0.00	44.95	0.00	1.04	0.00	117.28

¹⁷ Other designated landscape areas shown for comparison

Table 6.2 Area statistics (% total land area of designated area) for LMP14 landscape types (highlighting Clwydian Range and Dee Valley AONB) ¹⁸

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)
Anglesey AONB	19.52	0.70	1.79	0.17	4.80	29.59	29.84	0.38	6.40	0.00	1.19	2.78	0.00	2.84
Brecon Beacons National Park	0.00	0.00	0.52	0.12	0.49	0.91	4.12	12.57	39.12	0.08	1.20	40.23	0.63	0.00
Clwydian Range and Dee Valley AONB	0.00	0.00	0.68	0.50	1.59	15.58	10.65	19.75	34.26	0.03	4.26	12.66	0.05	0.00
Gower AONB	27.08	0.67	0.62	0.00	4.58	9.90	49.62	7.53	0.00	0.00	0.00	0.00	0.00	0.00
Llyn AONB	7.44	0.00	0.84	0.87	1.22	14.65	31.55	28.70	12.43	0.00	0.00	2.31	0.00	0.00
Pembrokeshire Coast National Park	5.99	0.13	1.18	0.00	7.66	20.59	36.94	21.44	1.62	0.00	0.00	1.46	2.99	0.00
Snowdonia National Park	2.45	0.00	0.35	0.00	2.01	5.78	5.90	15.02	41.79	6.50	11.15	7.50	1.09	0.46
Wye Valley AONB (Wales)	0.00	0.00	0.03	0.03	21.64	8.84	5.92	24.33	0.00	0.00	38.33	0.00	0.89	0.00

¹⁸ Other designated landscape areas shown for comparison

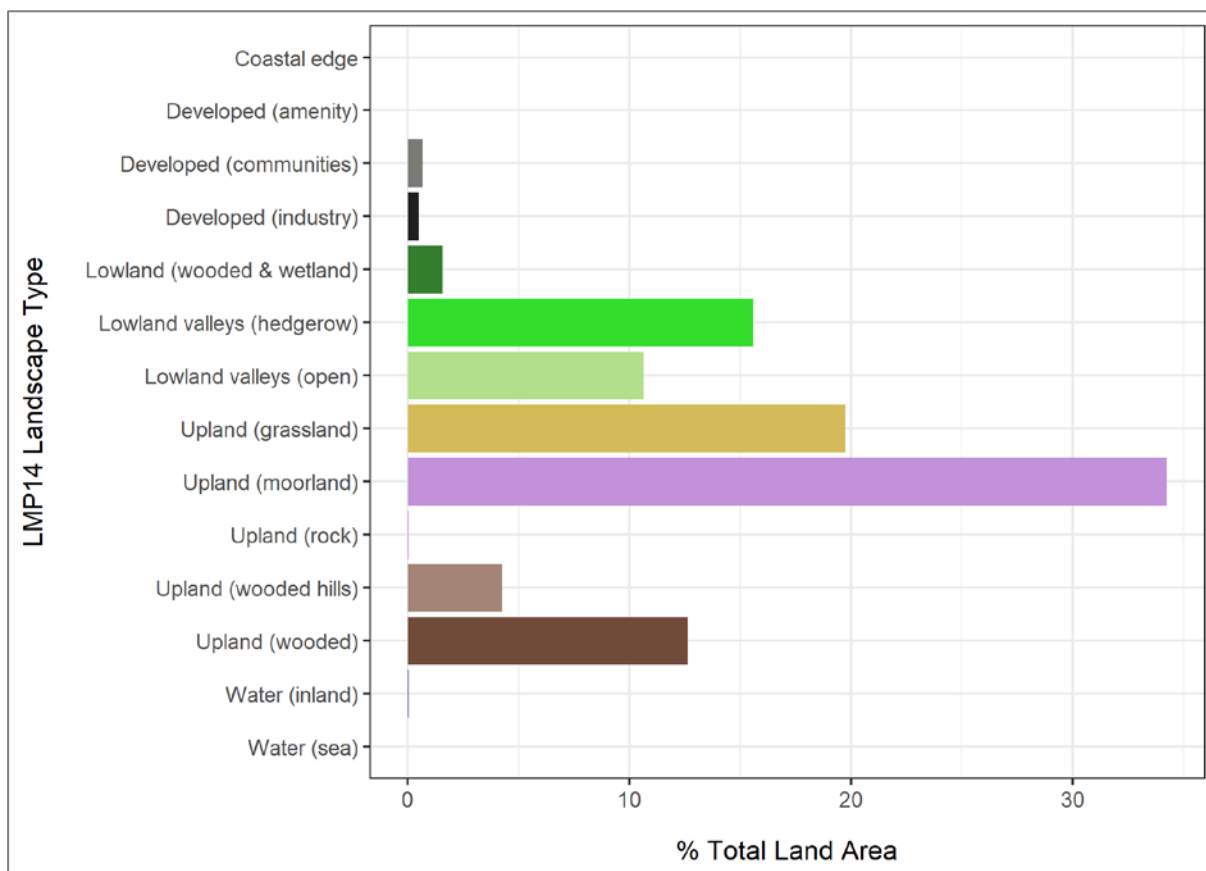


Figure 6.2 Area statistics for LMP14 landscape types (Clwydian Range and Dee Valley AONB)

6.2. Sea Level Rise

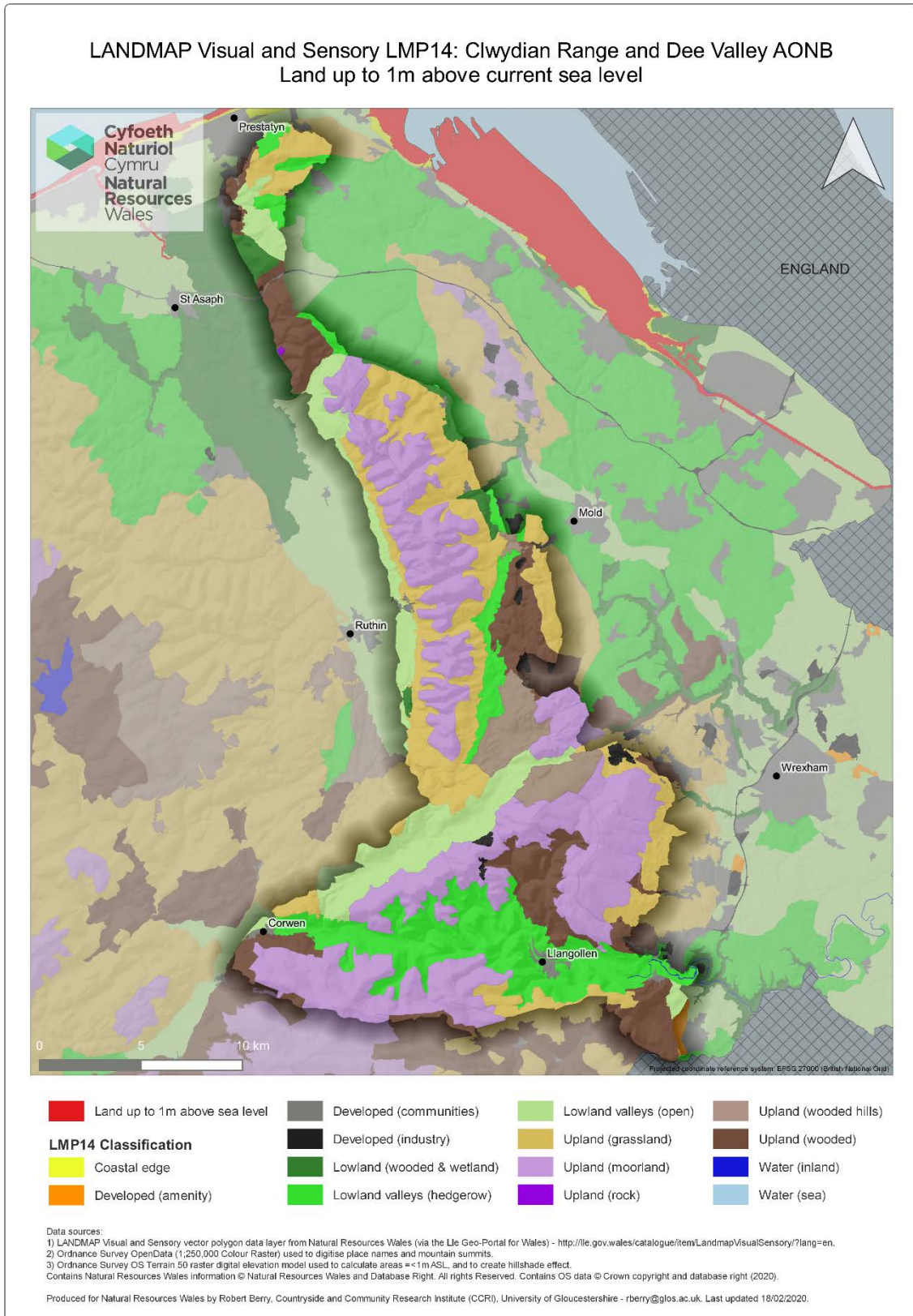


Figure 6.3 LANDMAP LMP14 landscape types with land up to 1m above sea level (Clwydian Range and Dee Valley AONB)

Table 6.3 Land up to 1m above sea level (km²) by LMP14 landscape types (highlighting Clwydian Range and Dee Valley AONB¹⁹)

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	Total (km ²)
Anglesey AONB	17.98	0.00	0.02	0.00	0.00	0.25	0.45	0.00	0.01	0.00	0.00	0.00	0.00	3.67	22.38
Brecon Beacons National Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Clwydian Range and Dee Valley AONB	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gower AONB	22.13	0.00	0.00	0.00	7.42	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.59
Llyn AONB	3.71	0.00	0.03	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.75
Pembrokeshire Coast National Park	9.32	0.00	0.00	0.00	0.35	0.19	0.35	0.00	0.00	0.00	0.00	0.00	6.21	0.00	16.42
Snowdonia National Park	4.78	0.00	0.01	0.00	0.34	0.00	1.31	0.04	0.00	0.00	0.00	0.10	0.00	8.71	15.29
Wye Valley AONB (Wales)	0.00	0.00	0.01	0.00	0.33	0.00	0.26	0.00	0.00	0.00	0.00	0.00	0.50	0.00	1.10
Total	57.92	0	0.07	0	8.44	0.44	2.42	0.04	0.01	0	0	0.1	6.71	12.38	88.53

¹⁹ Other designated landscape areas shown for comparison

Table 6.4 Land up to 1m above sea level (% area of designated landscape) by LMP14 landscape types (highlighting Clwydian Range and Dee Valley AONB²⁰)

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	% Total area of designated area
Anglesey AONB	8.23	0.00	0.01	0.00	0.00	0.11	0.21	0.00	0.00	0.00	0.00	0.00	0.00	1.68	10.24
Brecon Beacons National Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
Clwydian Range and Dee Valley AONB	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
Gower AONB	11.88	0.00	0.00	0.00	3.98	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.88
Llyn AONB	2.33	0.00	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.36
Pembrokeshire Coast National Park	1.53	0.00	0.00	0.00	0.06	0.03	0.06	0.00	0.00	0.00	0.00	0.00	1.02	0.00	2.7
Snowdonia National Park	0.22	0.00	0.00	0.00	0.02	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.71
Wye Valley AONB (Wales)	0.00	0.00	0.01	0.00	0.28	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.43	0.00	0.94

²⁰ Other designated landscape areas shown for comparison

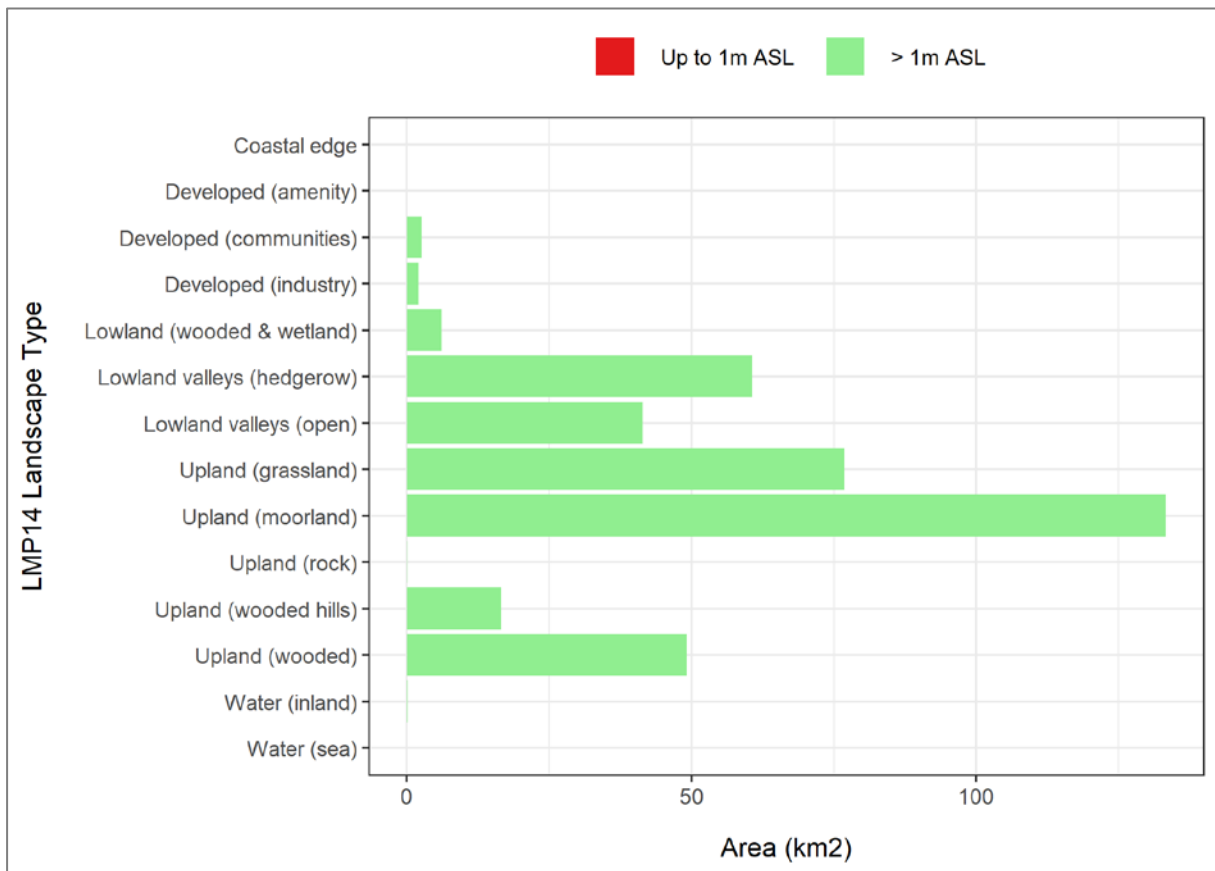


Figure 6.4 Area statistics for LMP14 landscapes up to 1m above sea level (Clwydian Range and Dee Valley AONB)

6.3. River and Sea Flooding: Flood Zone 2

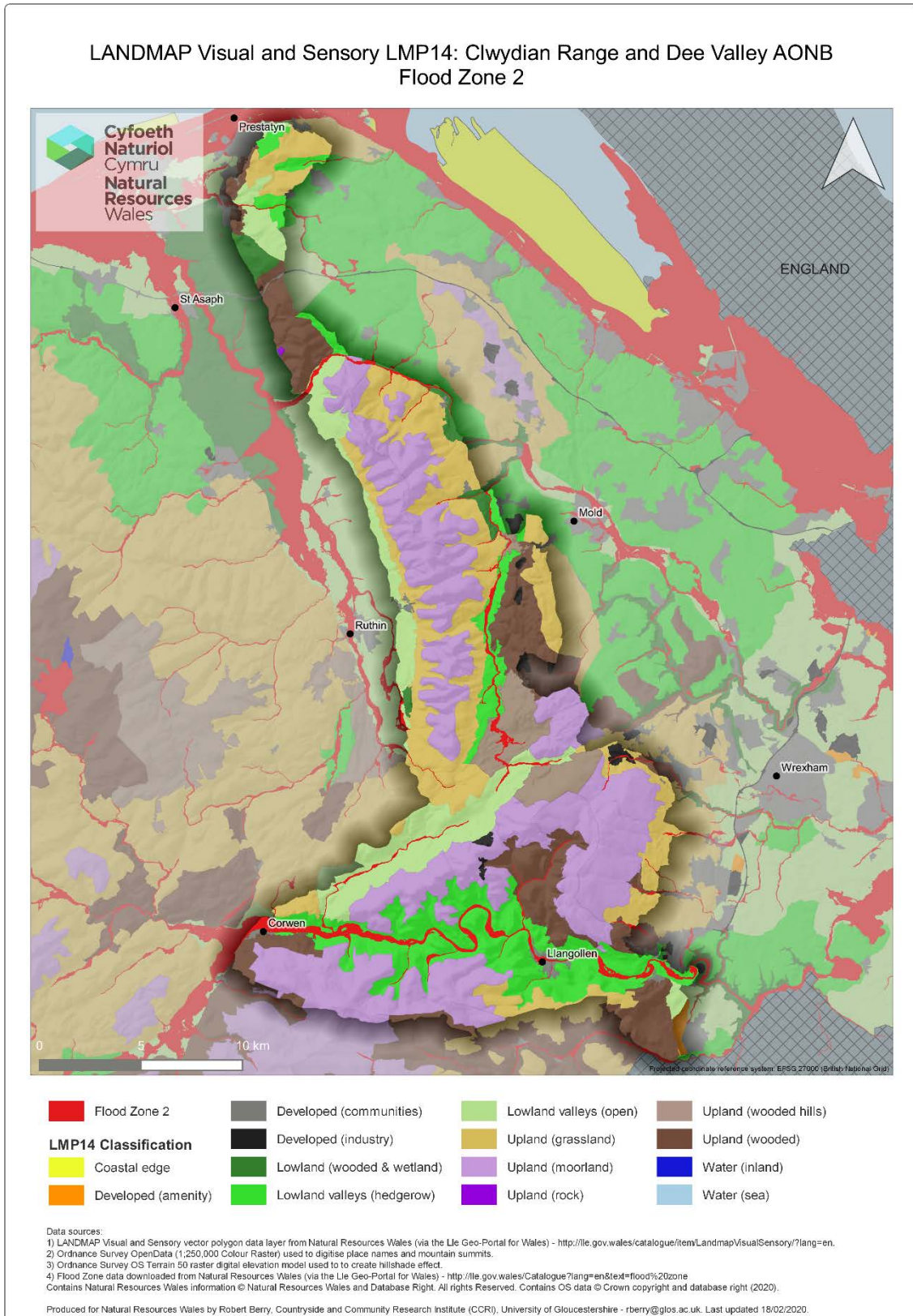


Figure 6.5 LMP14 landscape types with Flood Zone 2 (Clwydian Range and Dee Valley AONB)

Table 6.5 Flood Zone 2 area (km²) by LMP14 landscape types (highlighting Clwydian Range and Dee Valley AONB ²¹)

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	Total (km ²) Flood Zone 2
Anglesey AONB	30.64	0.08	0.39	0.02	0.63	1.95	5.34	0.00	0.01	0.00	0.00	0.30	0.00	5.95	45.31
Brecon Beacons National Park	0.00	0.00	0.82	0.05	0.68	0.36	18.72	6.31	2.70	0.00	0.05	15.37	8.07	0.00	53.13
Clwydian Range and Dee Valley AONB	0.00	0.00	0.26	0.06	0.38	7.00	1.94	0.58	0.15	0.00	0.72	0.37	0.18	0.00	11.64
Gower AONB	32.06	0.00	0.03	0.00	1.32	0.64	2.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.99
Llyn AONB	5.87	0.00	0.05	0.00	0.39	0.20	1.60	0.10	0.00	0.00	0.00	0.00	0.00	0.00	8.21
Pembrokeshire Coast National Park	14.82	0.15	0.34	0.00	3.56	3.44	3.79	2.09	0.00	0.00	0.00	0.00	10.31	0.00	38.50
Snowdonia National Park	30.41	0.00	1.25	0.00	7.68	13.31	28.43	9.80	6.33	0.30	3.13	2.66	13.79	9.84	126.93
Wye Valley AONB (Wales)	0.00	0.00	0.02	0.01	1.50	0.41	2.34	0.23	0.00	0.00	0.14	0.00	1.04	0.00	5.69
Total	113.80	0.23	3.16	0.14	16.14	27.31	65.10	19.11	9.19	0.30	4.04	18.70	33.39	15.79	326.40

²¹ Other designated landscape areas shown for comparison

Table 6.6 Flood Zone 2 area as a % of total area of designated landscape, by LMP14 landscape types (highlighting Clwydian Range and Dee Valley AONB²²)

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	% Total area of designated landscape
Anglesey AONB	14.03	0.04	0.18	0.01	0.29	0.89	2.44	0.00	0.00	0.00	0.00	0.14	0.00	2.72	20.74
Brecon Beacons National Park	0.00	0.00	0.06	0.00	0.05	0.03	1.39	0.47	0.20	0.00	0.00	1.14	0.60	0.00	3.94
Clwydian Range and Dee Valley AONB	0.00	0.00	0.07	0.02	0.10	1.80	0.50	0.15	0.04	0.00	0.18	0.10	0.05	0.00	3.01
Gower AONB	17.21	0.00	0.02	0.00	0.71	0.34	1.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.86
Llyn AONB	3.68	0.00	0.03	0.00	0.24	0.13	1.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	5.14
Pembrokeshire Coast National Park	2.44	0.02	0.06	0.00	0.59	0.57	0.62	0.34	0.00	0.00	0.00	0.00	1.70	0.00	6.34
Snowdonia National Park	1.42	0.00	0.06	0.00	0.36	0.62	1.33	0.46	0.30	0.01	0.15	0.12	0.64	0.46	5.93
Wye Valley AONB (Wales)	0.00	0.00	0.02	0.01	1.28	0.35	2.00	0.20	0.00	0.00	0.12	0.00	0.89	0.00	4.87

²² Other designated landscape areas shown for comparison

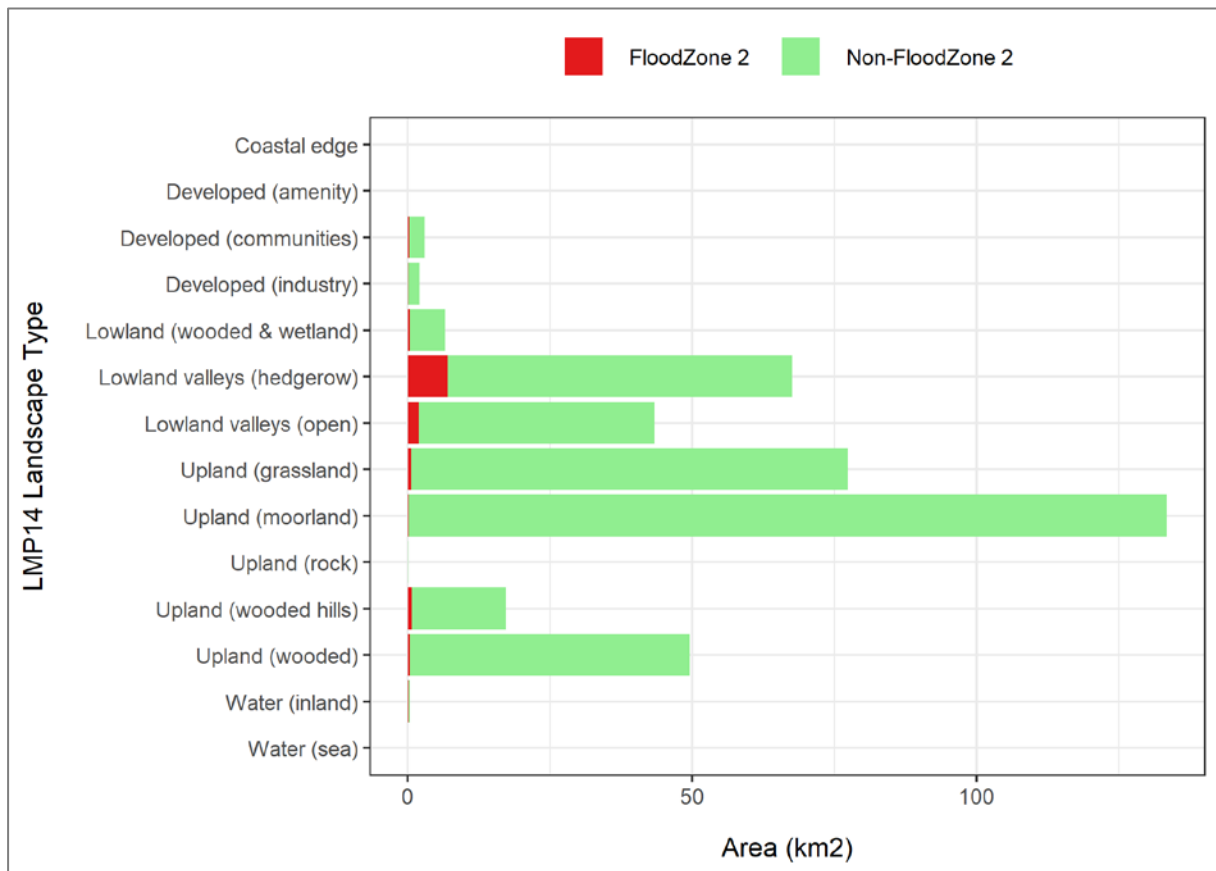


Figure 6.6 Flood Zone 2 area (km²) by LMP14 landscape type (Clwydian Range and Dee Valley AONB)

6.4. River and Sea Flooding: Flood Zone 3

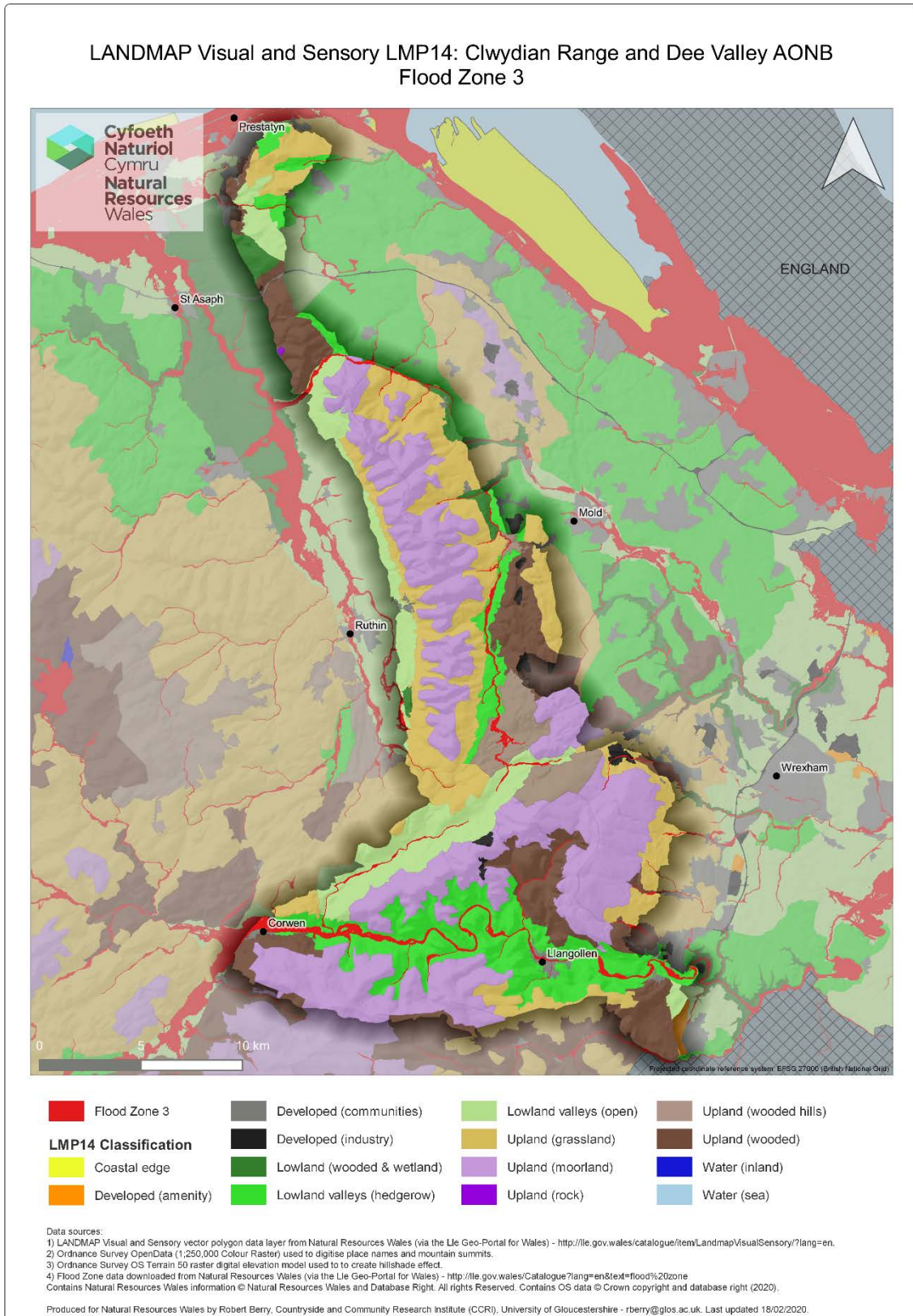


Figure 6.7 LMP14 landscape types with Flood Zone 3 (Clwydian Range and Dee Valley AONB)

Table 6.7 Flood Zone 3 area (km²) by LMP14 landscape types (highlighting Clwydian Range and Dee Valley AONB ²³)

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	Total (km ²) Flood Zone 3
Anglesey AONB	30.34	0.07	0.34	0.02	0.51	1.73	4.63	0.00	0.01	0.00	0.00	0.25	0.00	5.93	43.83
Brecon Beacons National Park	0.00	0.00	0.61	0.05	0.57	0.25	16.58	5.04	2.33	0.00	0.04	12.69	7.80	0.00	45.96
Clwydian Range and Dee Valley AONB	0.00	0.00	0.14	0.04	0.32	5.76	1.75	0.51	0.13	0.00	0.63	0.30	0.17	0.00	9.75
Gower AONB	31.48	0.00	0.02	0.00	1.23	0.44	2.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.29
Llyn AONB	5.76	0.00	0.04	0.00	0.33	0.17	1.41	0.08	0.00	0.00	0.00	0.00	0.00	0.00	7.79
Pembrokeshire Coast National Park	14.54	0.13	0.28	0.00	2.96	2.41	3.09	1.73	0.00	0.00	0.00	0.00	10.09	0.00	35.23
Snowdonia National Park	28.37	0.00	1.10	0.00	6.73	11.41	26.33	8.80	5.61	0.22	2.80	2.35	13.52	9.81	117.05
Wye Valley AONB (Wales)	0.00	0.00	0.01	0.01	1.17	0.39	1.85	0.21	0.00	0.00	0.12	0.00	1.04	0.00	4.80
Total	110.49	0.20	2.54	0.12	13.82	22.56	57.76	16.37	8.08	0.22	3.59	15.59	32.62	15.74	299.70

²³ Other designated landscape areas shown for comparison

Table 6.8 Flood Zone 3 area as a % of total area of designated landscape, by LMP14 landscape types (highlighting Clwydian Range and Dee Valley AONB

24)

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	% Total area of designated landscape
Anglesey AONB	13.89	0.03	0.16	0.01	0.23	0.79	2.12	0.00	0.00	0.00	0.00	0.11	0.00	2.71	20.05
Brecon Beacons National Park	0.00	0.00	0.05	0.00	0.04	0.02	1.23	0.37	0.17	0.00	0.00	0.94	0.58	0.00	3.40
Clwydian Range and Dee Valley AONB	0.00	0.00	0.04	0.01	0.08	1.48	0.45	0.13	0.03	0.00	0.16	0.08	0.04	0.00	2.50
Gower AONB	16.90	0.00	0.01	0.00	0.66	0.24	1.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.95
Llyn AONB	3.62	0.00	0.03	0.00	0.21	0.11	0.89	0.05	0.00	0.00	0.00	0.00	0.00	0.00	4.91
Pembrokeshire Coast National Park	2.39	0.02	0.05	0.00	0.49	0.40	0.51	0.28	0.00	0.00	0.00	0.00	1.66	0.00	5.80
Snowdonia National Park	1.33	0.00	0.05	0.00	0.31	0.53	1.23	0.41	0.26	0.01	0.13	0.11	0.63	0.46	5.46
Wye Valley AONB (Wales)	0.00	0.00	0.01	0.01	1.00	0.33	1.58	0.18	0.00	0.00	0.10	0.00	0.89	0.00	4.10

²⁴ Other designated landscape areas shown for comparison

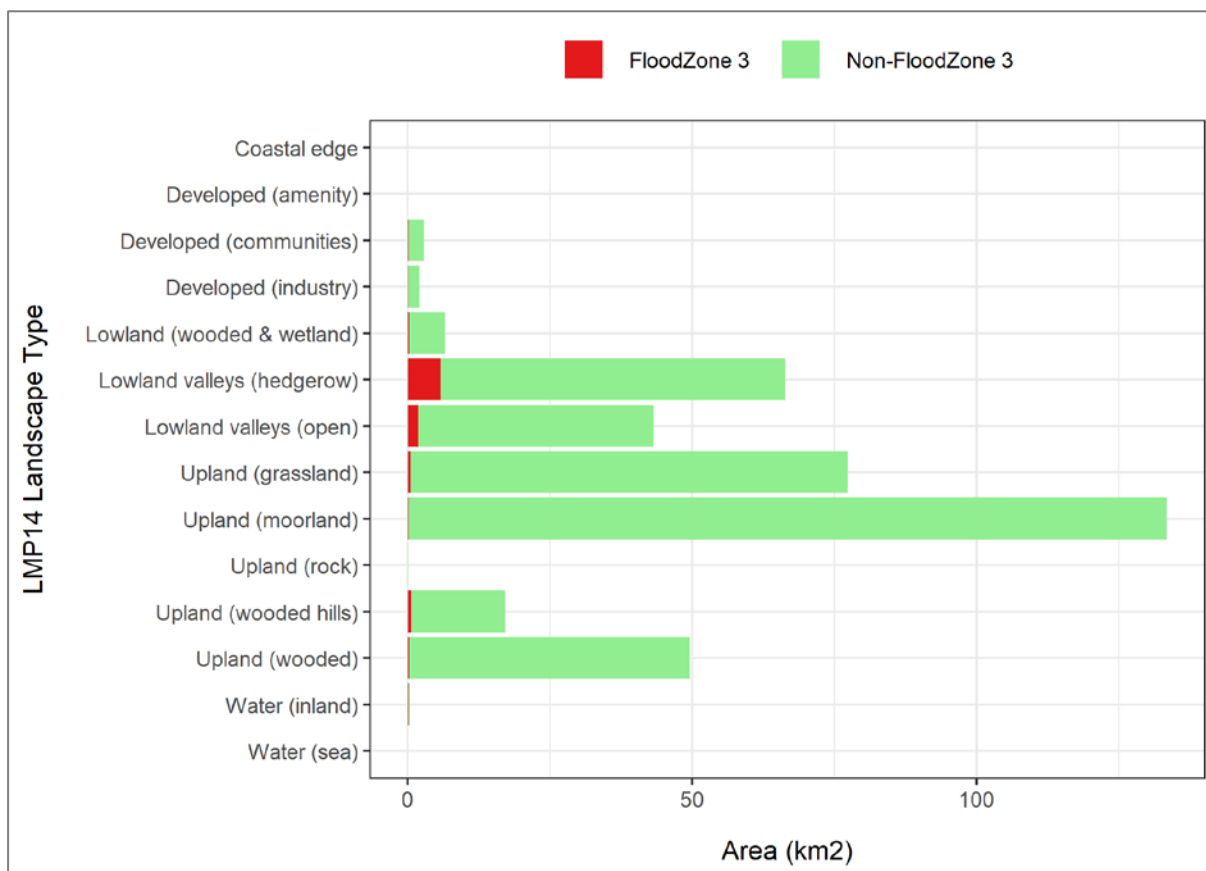


Figure 6.8 Flood Zone 3 area (km²) by LMP14 landscape type (Clwydian Range and Dee Valley AONB)

6.5. Boundary Type

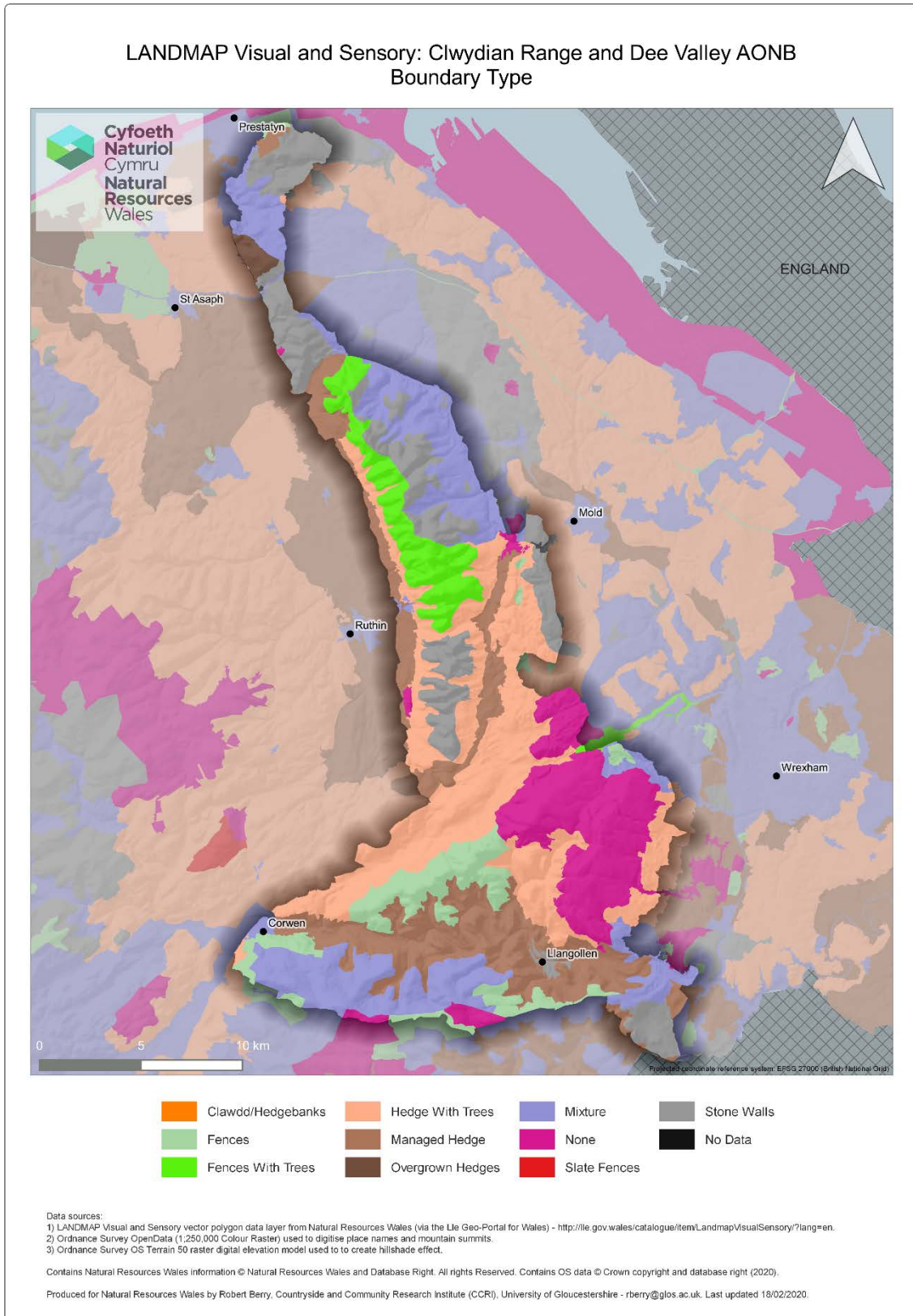


Figure 6.9 Predominant boundary type (Clwydian Range and Dee Valley AONB)

Table 6.9 Boundary type area (km²) by LMP14 landscape (Clwydian Range and Dee Valley AONB)

	Clawdd/ Hedge- banks	Fences	Fences with Trees	Hedge with Trees	Managed Hedge	Mixture	No Data	None	Overgrown Hedges	Slate Fences	Stone Walls	Total (km ²)
Coastal edge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Developed (amenity)	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01
Developed (communities)	0.00	0.00	0.00	0.00	0.00	1.22	0.00	0.02	0.00	0.00	1.40	2.64
Developed (industry)	0.00	1.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.96
Lowland (wooded & wetland)	0.00	0.00	0.00	0.01	0.06	3.07	0.00	0.52	2.53	0.00	0.00	6.19
Lowland valleys	0.00	0.00	0.00	0.12	53.67	5.60	0.00	0.00	0.00	0.00	1.24	60.63
Lowland valleys (open)	0.00	0.25	0.00	22.78	13.15	5.28	0.00	0.00	0.00	0.00	0.00	41.46
Upland (grassland)	0.00	4.28	0.16	35.49	2.66	21.68	0.00	0.00	0.00	0.00	12.61	76.88
Upland (moorland)	0.00	16.15	22.23	0.00	0.00	27.38	0.00	44.43	0.00	0.00	23.16	133.35
Upland (rock)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.10
Upland (wooded hills)	0.00	0.00	0.00	9.54	0.00	0.00	0.00	7.05	0.00	0.00	0.00	16.59
Upland (wooded)	0.00	5.21	0.00	22.66	0.91	4.92	0.00	0.54	0.00	0.00	15.03	49.27
Water (inland)	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.18
Water (sea)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	27.85	22.39	90.60	70.45	69.34	0.00	52.66	2.53	0.00	53.44	389.26

Table 6.10 Boundary type area (% of designated landscape area) by LMP14 landscape (Clwydian Range and Dee Valley AONB)

	Clawdd/ Hedge- banks	Fences	Fences with Trees	Hedge with Trees	Managed Hedge	Mixture	No Data	None	Overgrown Hedges	Slate Fences	Stone Walls	% total area
Coastal edge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Developed (amenity)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Developed (communities)	0.00	0.00	0.00	0.00	0.00	0.31	0.00	0.01	0.00	0.00	0.36	0.68
Developed (industry)	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50
Lowland (wooded & wetland)	0.00	0.00	0.00	0.00	0.02	0.79	0.00	0.13	0.65	0.00	0.00	1.59
Lowland valleys	0.00	0.00	0.00	0.03	13.79	1.44	0.00	0.00	0.00	0.00	0.32	15.58
Lowland valleys (open)	0.00	0.06	0.00	5.85	3.38	1.36	0.00	0.00	0.00	0.00	0.00	10.65
Upland (grassland)	0.00	1.10	0.04	9.12	0.68	5.57	0.00	0.00	0.00	0.00	3.24	19.75
Upland (moorland)	0.00	4.15	5.71	0.00	0.00	7.03	0.00	11.41	0.00	0.00	5.95	34.25
Upland (rock)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.03
Upland (wooded hills)	0.00	0.00	0.00	2.45	0.00	0.00	0.00	1.81	0.00	0.00	0.00	4.26
Upland (wooded)	0.00	1.34	0.00	5.82	0.23	1.26	0.00	0.14	0.00	0.00	3.86	12.65
Water (inland)	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.05
Water (sea)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

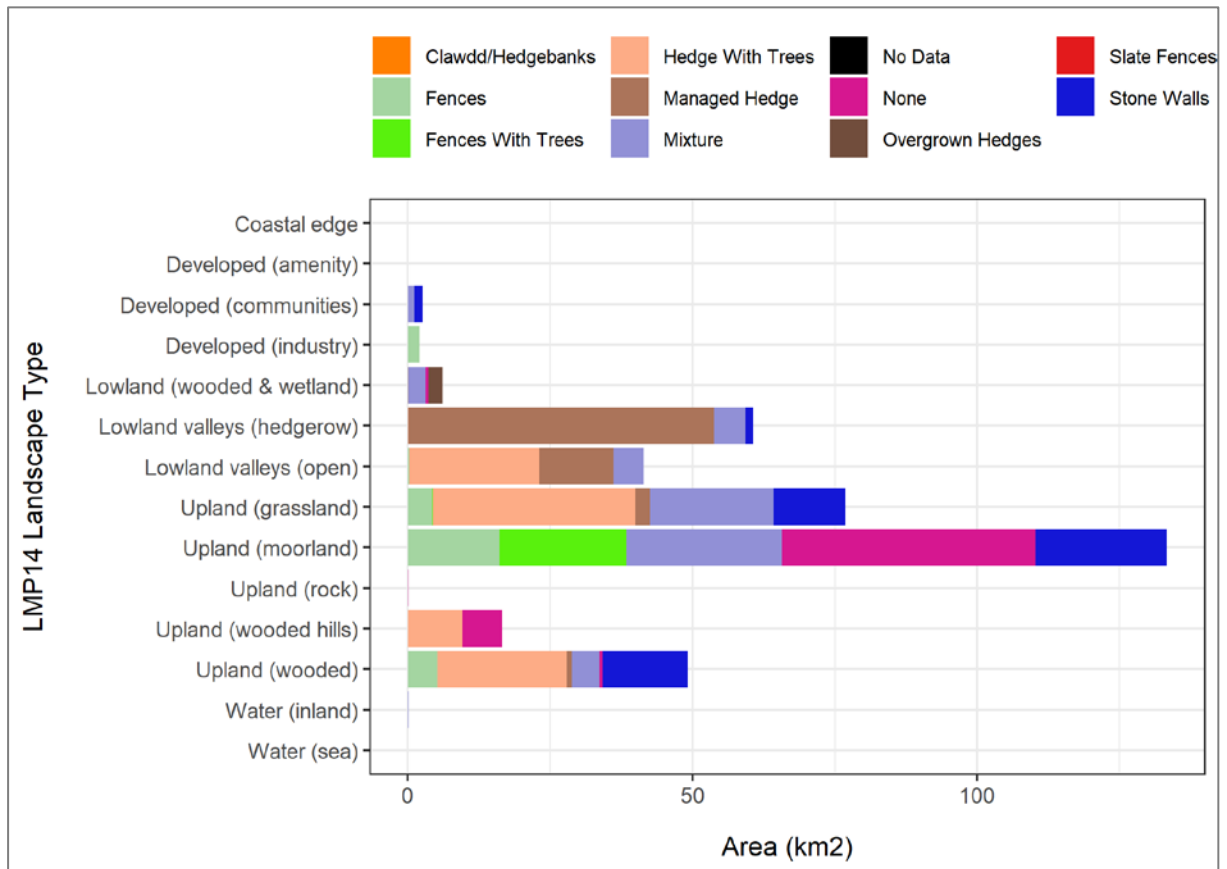


Figure 6.10 Boundary type (km²) by LMP14 landscape (Clwydian Range and Dee Valley AONB)

6.6. Overall Evaluation

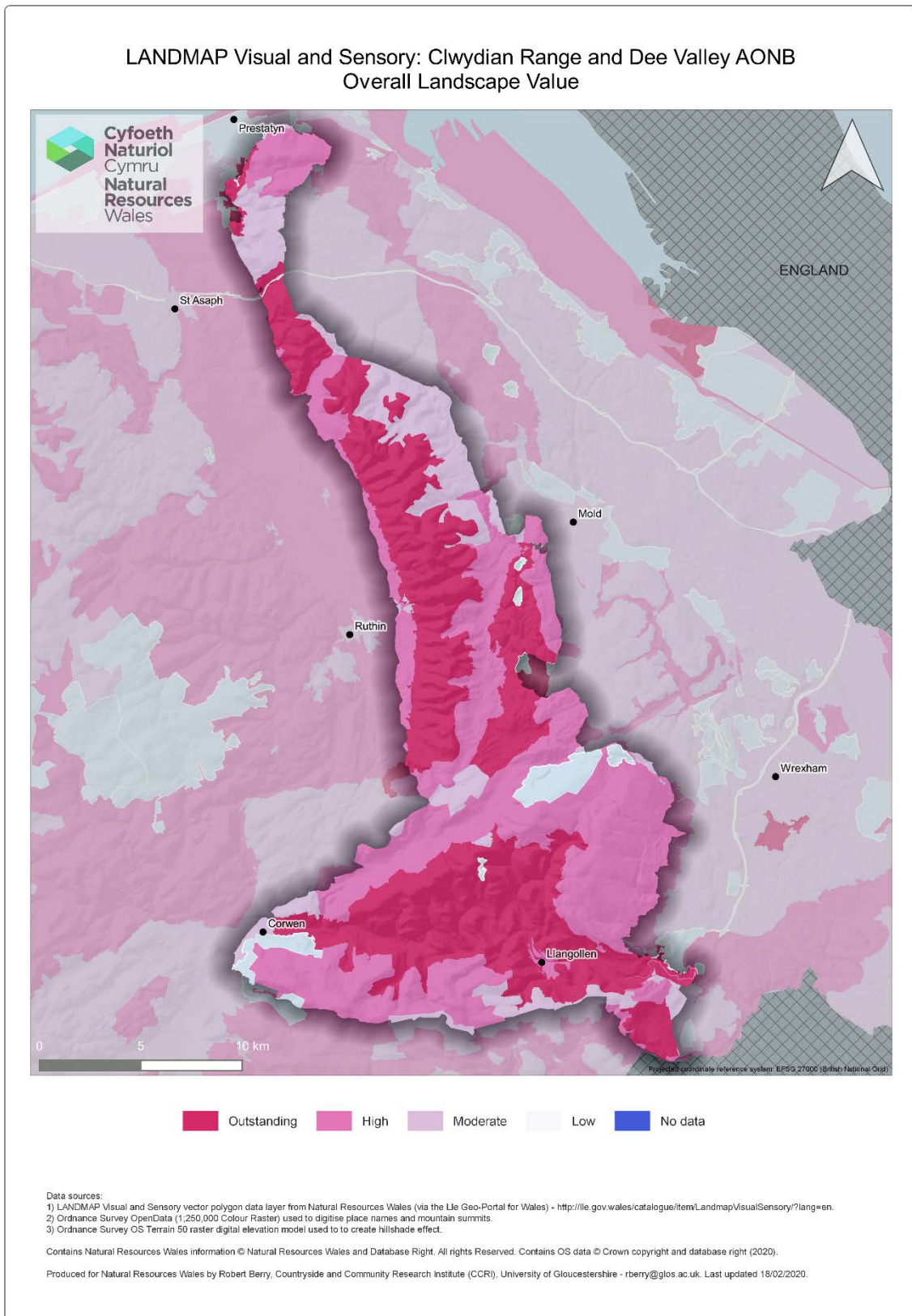


Figure 6.11 Overall landscape evaluation (Clwydian Range and Dee Valley AONB)

Table 6.11 Overall landscape evaluation (km²) by LMP14 landscape (Clwydian Range and Dee Valley AONB)

	Outstanding	High	Moderate	Low	No Data	Total km2
Coastal edge	0.00	0.00	0.00	0.00	0.00	0.00
Developed (amenity)	0.00	0.00	0.01	0.00	0.00	0.01
Developed (communities)	0.00	1.11	1.31	0.22	0.00	2.64
Developed (industry)	0.00	0.00	0.40	1.56	0.00	1.96
Lowland (wooded & wetland)	0.00	2.02	4.17	0.00	0.00	6.19
Lowland valleys (hedgerow)	47.24	9.69	3.70	0.00	0.00	60.63
Lowland valleys (open)	0.00	34.81	6.65	0.00	0.00	41.46
Upland (grassland)	11.76	35.19	29.93	0.00	0.00	76.88
Upland (moorland)	61.54	71.81	0.00	0.00	0.00	133.35
Upland (rock)	0.00	0.10	0.00	0.00	0.00	0.10
Upland (wooded hills)	9.54	0.76	0.00	6.29	0.00	16.59
Upland (wooded)	38.82	4.43	1.97	4.05	0.00	49.27
Water (inland)	0.00	0.18	0.00	0.00	0.00	0.18
Water (sea)	0.00	0.00	0.00	0.00	0.00	0.00
Total	168.90	160.10	48.14	12.12	0.00	389.26

Table 6.12 Overall landscape evaluation (% of designated landscape area) by LMP14 landscape (Clwydian Range and Dee Valley AONB)

	Outstanding	High	Moderate	Low	No Data	% total area
Coastal edge	0.00	0.00	0.00	0.00	0.00	0.00
Developed (amenity)	0.00	0.00	0.00	0.00	0.00	0.00
Developed (communities)	0.00	0.29	0.34	0.06	0.00	0.69
Developed (industry)	0.00	0.00	0.10	0.40	0.00	0.50
Lowland (wooded & wetland)	0.00	0.52	1.07	0.00	0.00	1.59
Lowland valleys (hedgerow)	12.14	2.49	0.95	0.00	0.00	15.58
Lowland valleys (open)	0.00	8.94	1.71	0.00	0.00	10.65
Upland (grassland)	3.02	9.04	7.69	0.00	0.00	19.75
Upland (moorland)	15.81	18.45	0.00	0.00	0.00	34.26
Upland (rock)	0.00	0.03	0.00	0.00	0.00	0.03
Upland (wooded hills)	2.45	0.20	0.00	1.62	0.00	4.27
Upland (wooded)	9.97	1.14	0.51	1.04	0.00	12.66
Water (inland)	0.00	0.05	0.00	0.00	0.00	0.05
Water (sea)	0.00	0.00	0.00	0.00	0.00	0.00

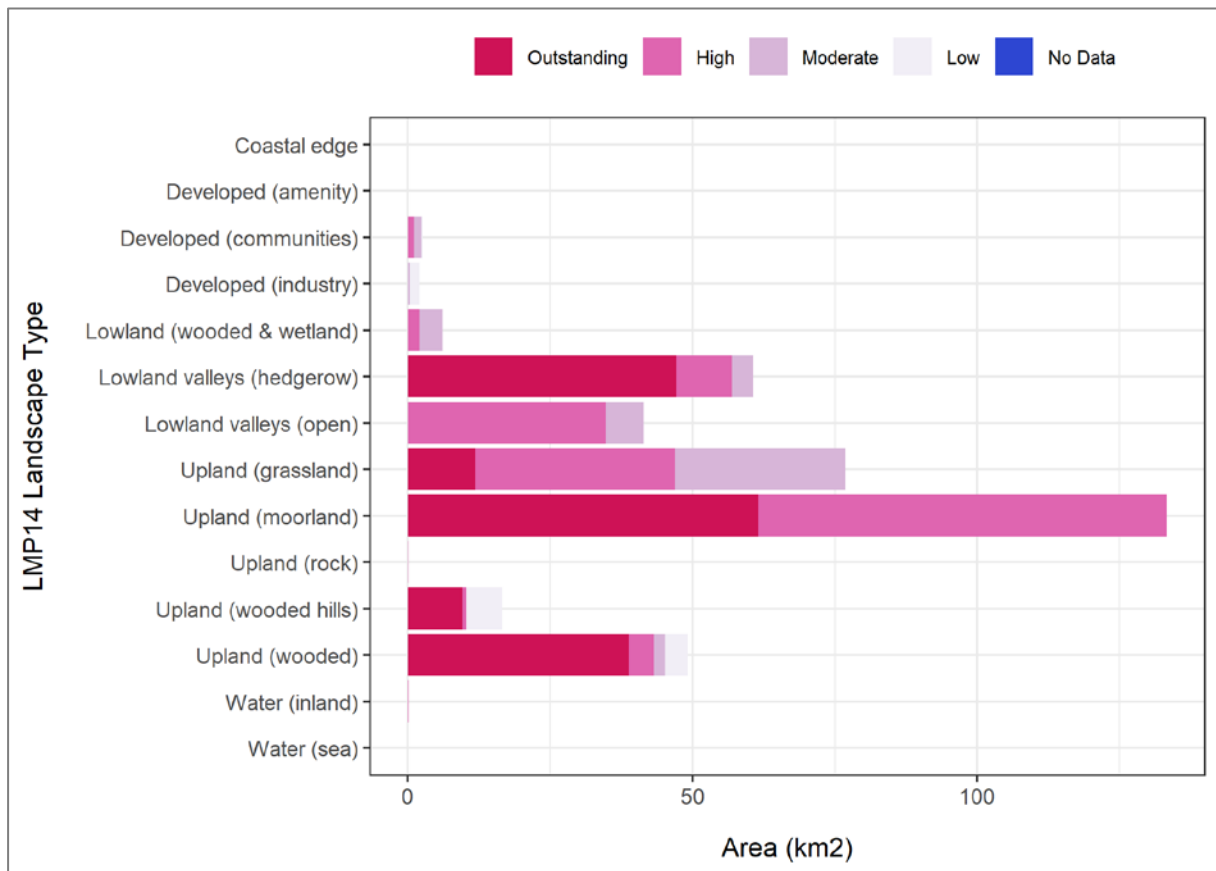


Figure 4.10 Overall evaluation (km²) by LMP14 landscape (Clwydian Range and Dee Valley AONB)

7. Maps and Statistics: Gower AONB

7.1. LMP14 Landscape Types

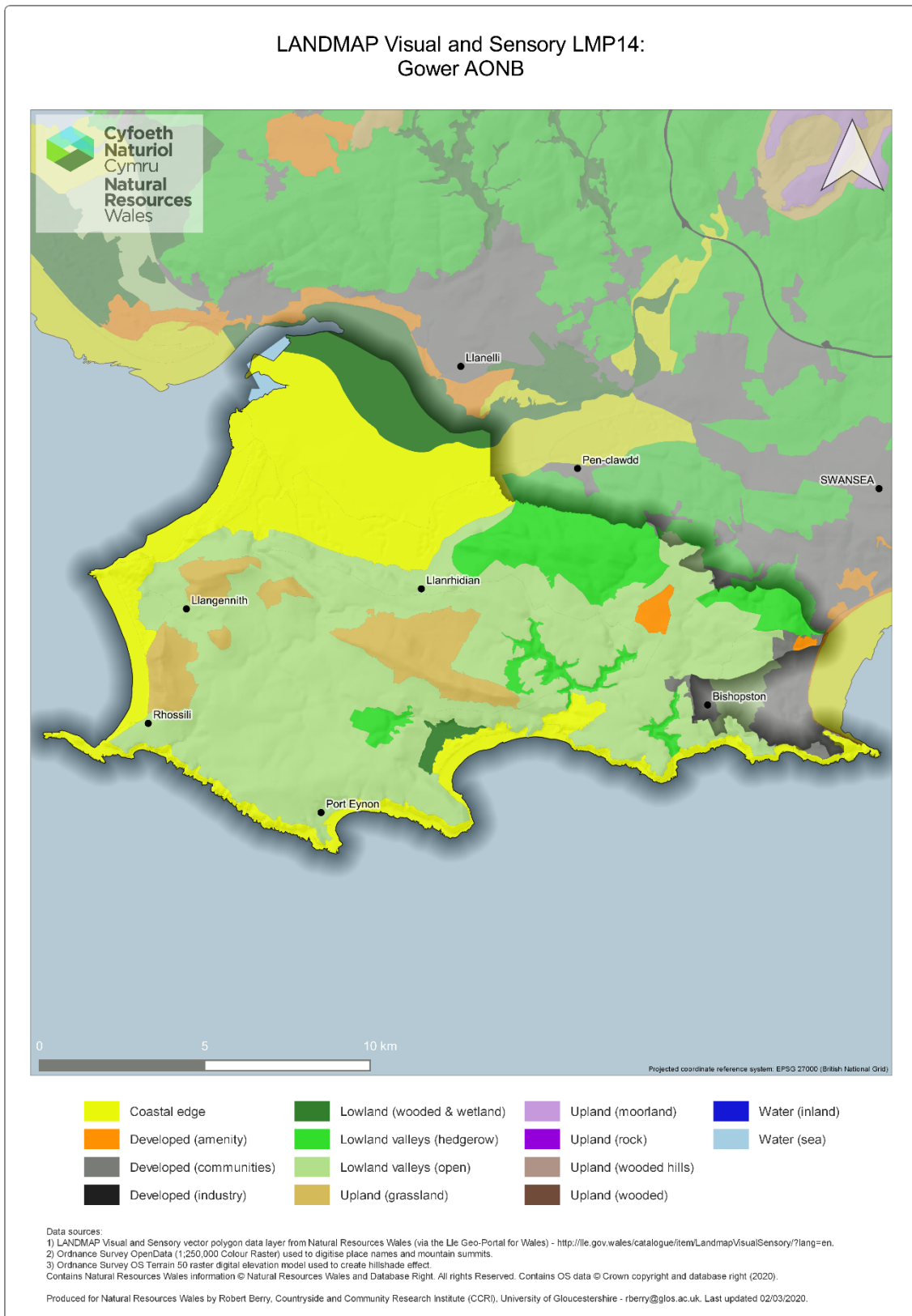


Figure 7.1 LANDMAP LMP14 landscape types for Gower AONB

Table 7.1 Area statistics (km²) for LMP14 landscape types (highlighting Gower AONB)²⁵

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	Total (km ²)
Anglesey AONB	42.64	1.52	3.91	0.37	10.48	64.64	65.19	0.83	13.98	0.00	2.60	6.08	0.00	6.21	218.45
Brecon Beacons National Park	0.00	0.00	7.02	1.63	6.65	12.24	55.59	169.71	528.22	1.14	16.23	543.20	8.55	0.00	1350.18
Clwydian Range and Dee Valley AONB	0.00	0.01	2.64	1.96	6.19	60.63	41.46	76.88	133.35	0.10	16.59	49.27	0.18	0.00	389.26
Gower AONB	50.45	1.25	1.16	0.00	8.53	18.44	92.45	14.03	0.00	0.00	0.00	0.00	0.00	0.00	186.31
Llyn AONB	11.85	0.00	1.34	1.38	1.94	23.34	50.26	45.73	19.80	0.00	0.00	3.68	0.00	0.00	159.32
Pembrokeshire Coast National Park	36.43	0.82	7.16	0.00	46.55	125.15	224.55	130.36	9.84	0.00	0.00	8.86	18.19	0.00	607.91
Snowdonia National Park	52.36	0.00	7.57	0.05	42.95	123.62	126.14	321.24	894.00	139.12	238.57	160.42	23.37	9.92	2139.33
Wye Valley AONB (Wales)	0.00	0.00	0.03	0.03	25.38	10.37	6.94	28.54	0.00	0.00	44.95	0.00	1.04	0.00	117.28

²⁵ Other designated landscape areas shown for comparison

Table 7.2 Area statistics (% total land area of designated area) for LMP14 landscape types (highlighting Gower AONB) ²⁶

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)
Anglesey AONB	19.52	0.70	1.79	0.17	4.80	29.59	29.84	0.38	6.40	0.00	1.19	2.78	0.00	2.84
Brecon Beacons National Park	0.00	0.00	0.52	0.12	0.49	0.91	4.12	12.57	39.12	0.08	1.20	40.23	0.63	0.00
Clwydian Range and Dee Valley AONB	0.00	0.00	0.68	0.50	1.59	15.58	10.65	19.75	34.26	0.03	4.26	12.66	0.05	0.00
Gower AONB	27.08	0.67	0.62	0.00	4.58	9.90	49.62	7.53	0.00	0.00	0.00	0.00	0.00	0.00
Llyn AONB	7.44	0.00	0.84	0.87	1.22	14.65	31.55	28.70	12.43	0.00	0.00	2.31	0.00	0.00
Pembrokeshire Coast National Park	5.99	0.13	1.18	0.00	7.66	20.59	36.94	21.44	1.62	0.00	0.00	1.46	2.99	0.00
Snowdonia National Park	2.45	0.00	0.35	0.00	2.01	5.78	5.90	15.02	41.79	6.50	11.15	7.50	1.09	0.46
Wye Valley AONB (Wales)	0.00	0.00	0.03	0.03	21.64	8.84	5.92	24.33	0.00	0.00	38.33	0.00	0.89	0.00

²⁶ Other designated landscape areas shown for comparison

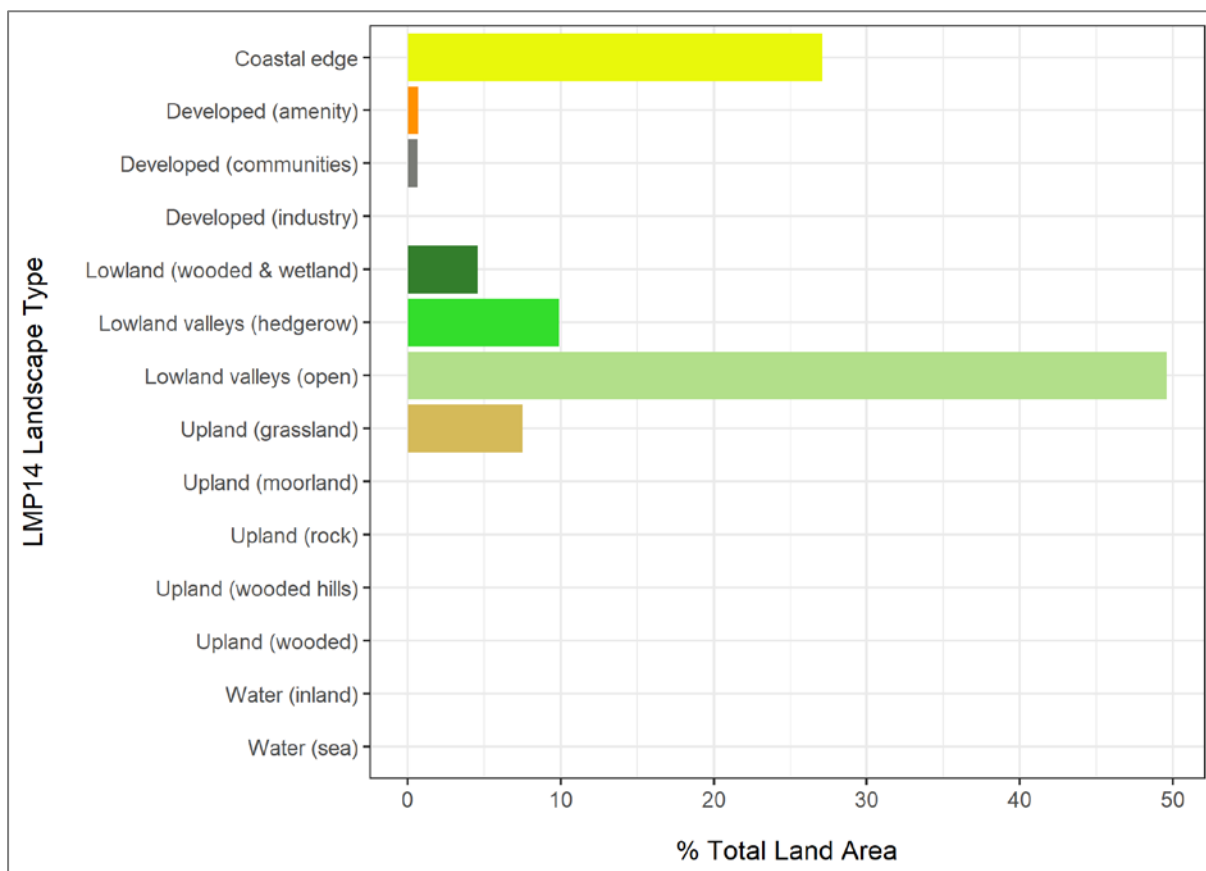


Figure 7.2 Area statistics for LMP14 landscape types (Gower AONB)

7.2. Sea Level Rise

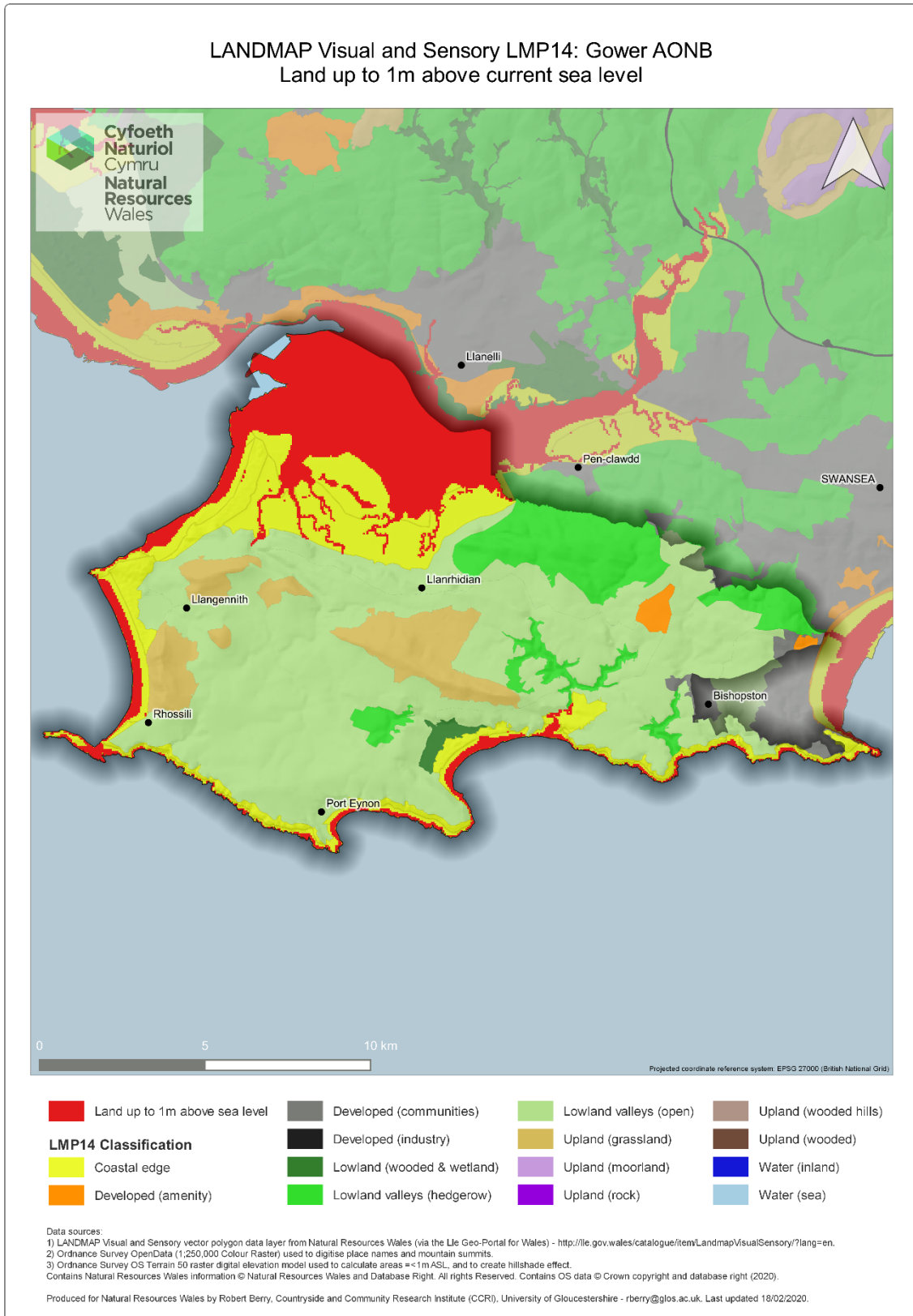


Figure 7.3 LANDMAP LMP14 landscape types with land up to 1m above sea level (Gower AONB)

Table 7.3 Land up to 1m above sea level (km²) by LMP14 landscape types (highlighting Gower AONB)²⁷

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	Total (km ²)
Anglesey AONB	17.98	0.00	0.02	0.00	0.00	0.25	0.45	0.00	0.01	0.00	0.00	0.00	0.00	3.67	22.38
Brecon Beacons National Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Clwydian Range and Dee Valley AONB	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gower AONB	22.13	0.00	0.00	0.00	7.42	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.59
Llyn AONB	3.71	0.00	0.03	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.75
Pembrokeshire Coast National Park	9.32	0.00	0.00	0.00	0.35	0.19	0.35	0.00	0.00	0.00	0.00	0.00	6.21	0.00	16.42
Snowdonia National Park	4.78	0.00	0.01	0.00	0.34	0.00	1.31	0.04	0.00	0.00	0.00	0.10	0.00	8.71	15.29
Wye Valley AONB (Wales)	0.00	0.00	0.01	0.00	0.33	0.00	0.26	0.00	0.00	0.00	0.00	0.00	0.50	0.00	1.10
Total	57.92	0	0.07	0	8.44	0.44	2.42	0.04	0.01	0	0	0.1	6.71	12.38	88.53

²⁷ Other designated landscape areas shown for comparison

Table 7.4 Land up to 1m above sea level (% area of designated landscape) by LMP14 landscape types (highlighting Gower AONB) ²⁸

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	% Total area of designated area
Anglesey AONB	8.23	0.00	0.01	0.00	0.00	0.11	0.21	0.00	0.00	0.00	0.00	0.00	0.00	1.68	10.24
Brecon Beacons National Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
Clwydian Range and Dee Valley AONB	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
Gower AONB	11.88	0.00	0.00	0.00	3.98	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.88
Llyn AONB	2.33	0.00	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.36
Pembrokeshire Coast National Park	1.53	0.00	0.00	0.00	0.06	0.03	0.06	0.00	0.00	0.00	0.00	0.00	1.02	0.00	2.7
Snowdonia National Park	0.22	0.00	0.00	0.00	0.02	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.71
Wye Valley AONB (Wales)	0.00	0.00	0.01	0.00	0.28	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.43	0.00	0.94

²⁸ Other designated landscape areas shown for comparison

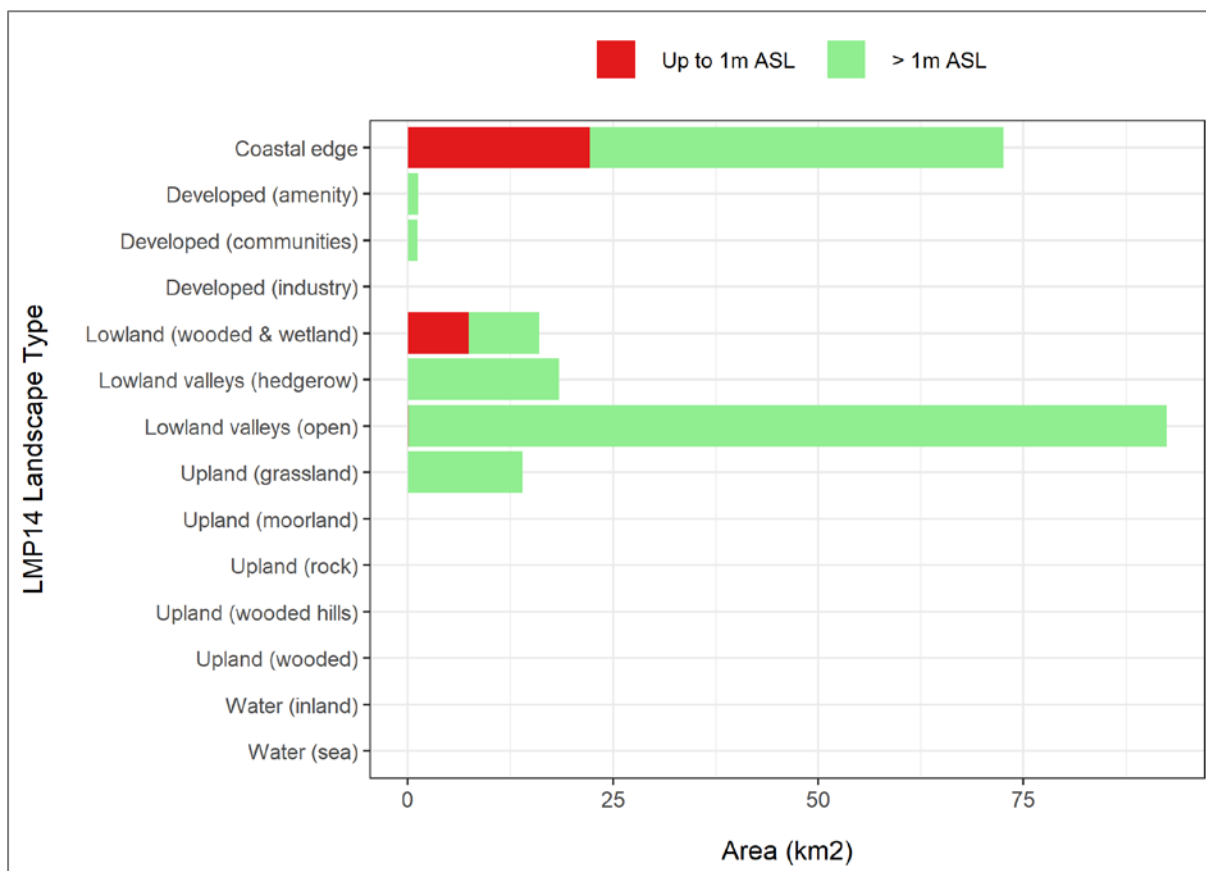


Figure 7.4 Area statistics for LMP14 landscapes up to 1m above sea level (Gower AONB)

7.3. River and Sea Flooding: Flood Zone 2

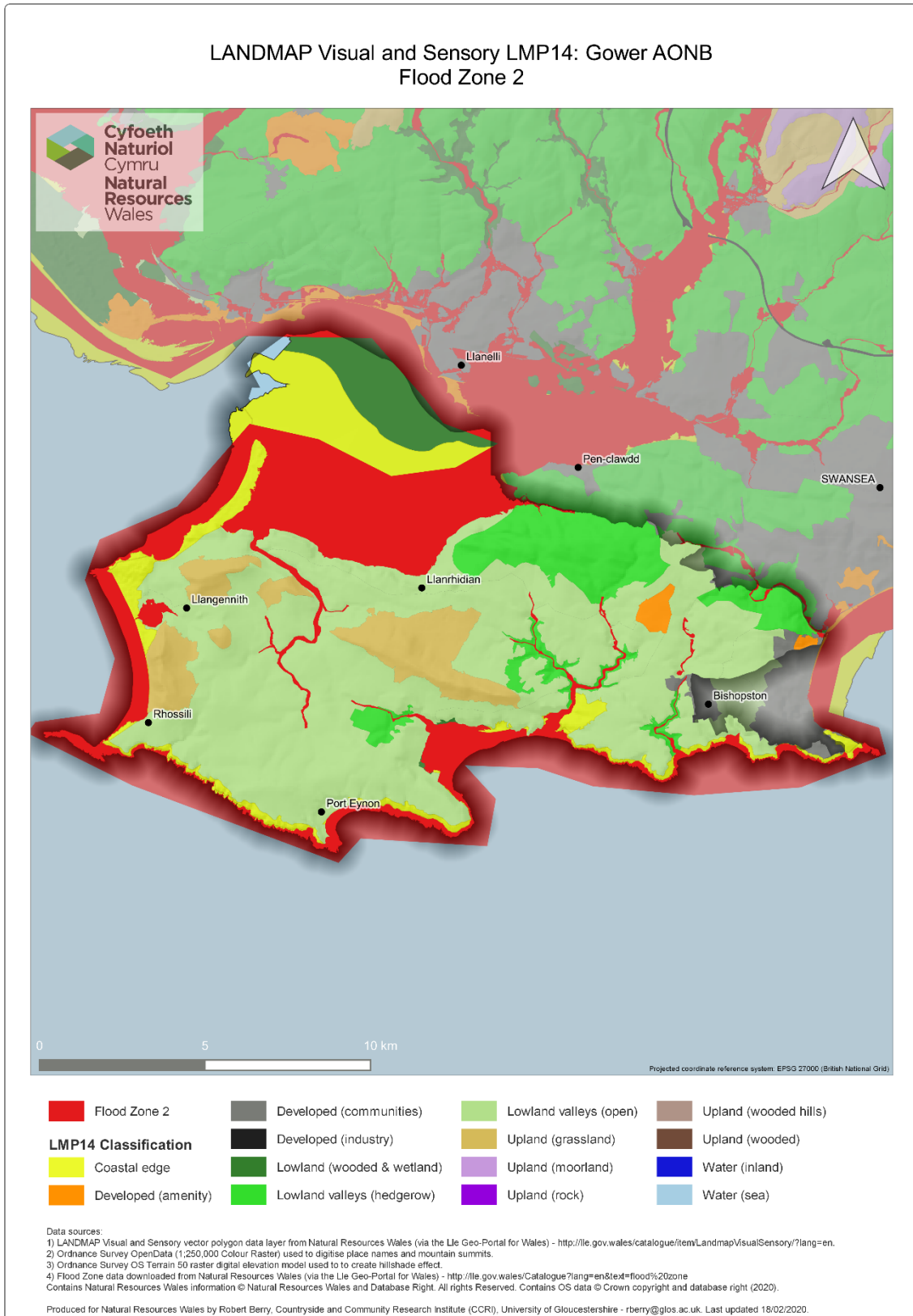


Figure 7.5 LMP14 landscape types with Flood Zone 2 (Gower AONB)

Table 7.5 Flood Zone 2 area (km²) by LMP14 landscape types (highlighting Gower AONB) ²⁹

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	Total (km ²) Flood Zone 2
Anglesey AONB	30.64	0.08	0.39	0.02	0.63	1.95	5.34	0.00	0.01	0.00	0.00	0.30	0.00	5.95	45.31
Brecon Beacons National Park	0.00	0.00	0.82	0.05	0.68	0.36	18.72	6.31	2.70	0.00	0.05	15.37	8.07	0.00	53.13
Clwydian Range and Dee Valley AONB	0.00	0.00	0.26	0.06	0.38	7.00	1.94	0.58	0.15	0.00	0.72	0.37	0.18	0.00	11.64
Gower AONB	32.06	0.00	0.03	0.00	1.32	0.64	2.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.99
Llyn AONB	5.87	0.00	0.05	0.00	0.39	0.20	1.60	0.10	0.00	0.00	0.00	0.00	0.00	0.00	8.21
Pembrokeshire Coast National Park	14.82	0.15	0.34	0.00	3.56	3.44	3.79	2.09	0.00	0.00	0.00	0.00	10.31	0.00	38.50
Snowdonia National Park	30.41	0.00	1.25	0.00	7.68	13.31	28.43	9.80	6.33	0.30	3.13	2.66	13.79	9.84	126.93
Wye Valley AONB (Wales)	0.00	0.00	0.02	0.01	1.50	0.41	2.34	0.23	0.00	0.00	0.14	0.00	1.04	0.00	5.69
Total	113.80	0.23	3.16	0.14	16.14	27.31	65.10	19.11	9.19	0.30	4.04	18.70	33.39	15.79	326.40

²⁹ Other designated landscape areas shown for comparison

Table 7.6 Flood Zone 2 area as a % of total area of designated landscape, by LMP14 landscape types (highlighting Gower AONB) ³⁰

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	% Total area of designated landscape
Anglesey AONB	14.03	0.04	0.18	0.01	0.29	0.89	2.44	0.00	0.00	0.00	0.00	0.14	0.00	2.72	20.74
Brecon Beacons National Park	0.00	0.00	0.06	0.00	0.05	0.03	1.39	0.47	0.20	0.00	0.00	1.14	0.60	0.00	3.94
Clwydian Range and Dee Valley AONB	0.00	0.00	0.07	0.02	0.10	1.80	0.50	0.15	0.04	0.00	0.18	0.10	0.05	0.00	3.01
Gower AONB	17.21	0.00	0.02	0.00	0.71	0.34	1.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.86
Llyn AONB	3.68	0.00	0.03	0.00	0.24	0.13	1.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	5.14
Pembrokeshire Coast National Park	2.44	0.02	0.06	0.00	0.59	0.57	0.62	0.34	0.00	0.00	0.00	0.00	1.70	0.00	6.34
Snowdonia National Park	1.42	0.00	0.06	0.00	0.36	0.62	1.33	0.46	0.30	0.01	0.15	0.12	0.64	0.46	5.93
Wye Valley AONB (Wales)	0.00	0.00	0.02	0.01	1.28	0.35	2.00	0.20	0.00	0.00	0.12	0.00	0.89	0.00	4.87

³⁰ Other designated landscape areas shown for comparison

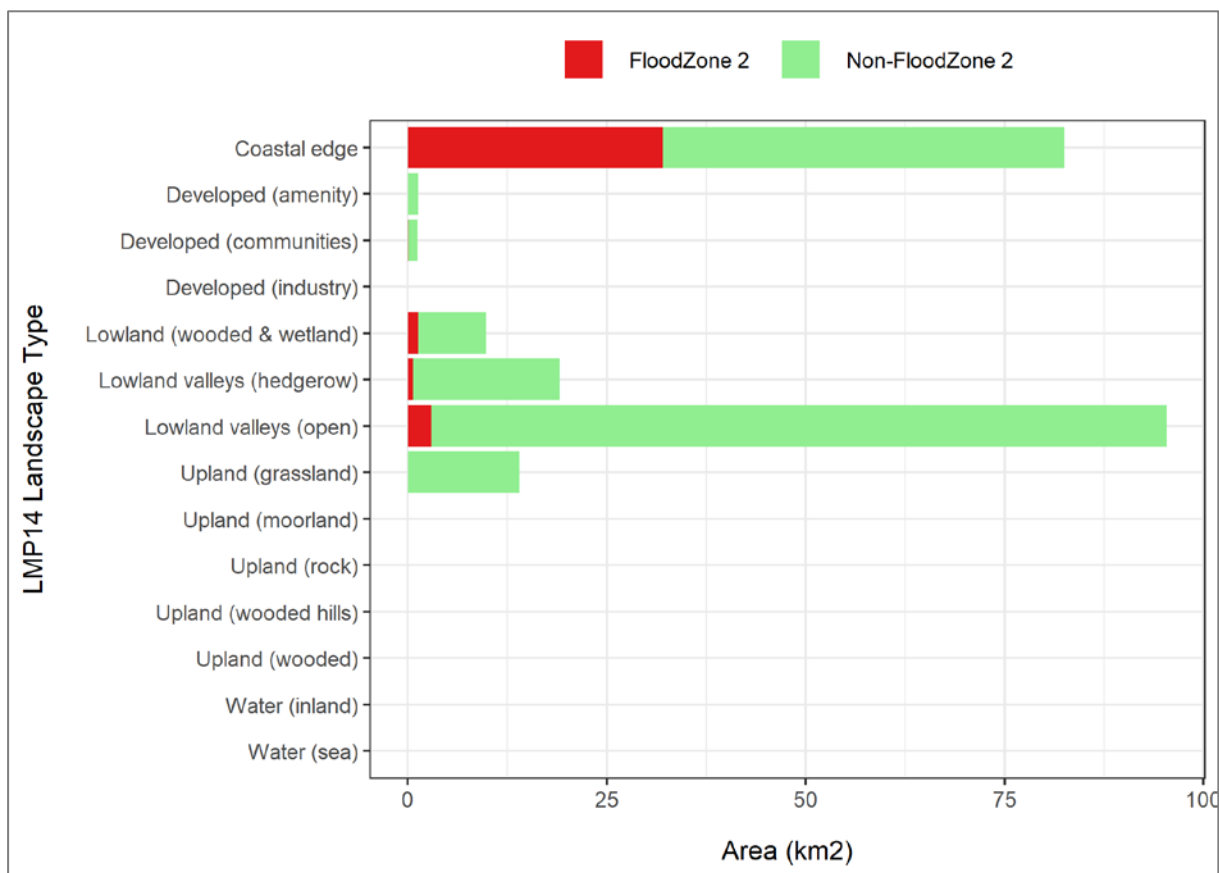


Figure 7.6 Flood Zone 2 area (km²) by LMP14 landscape type (Gower AONB)

7.4. River and Sea Flooding: Flood Zone 3

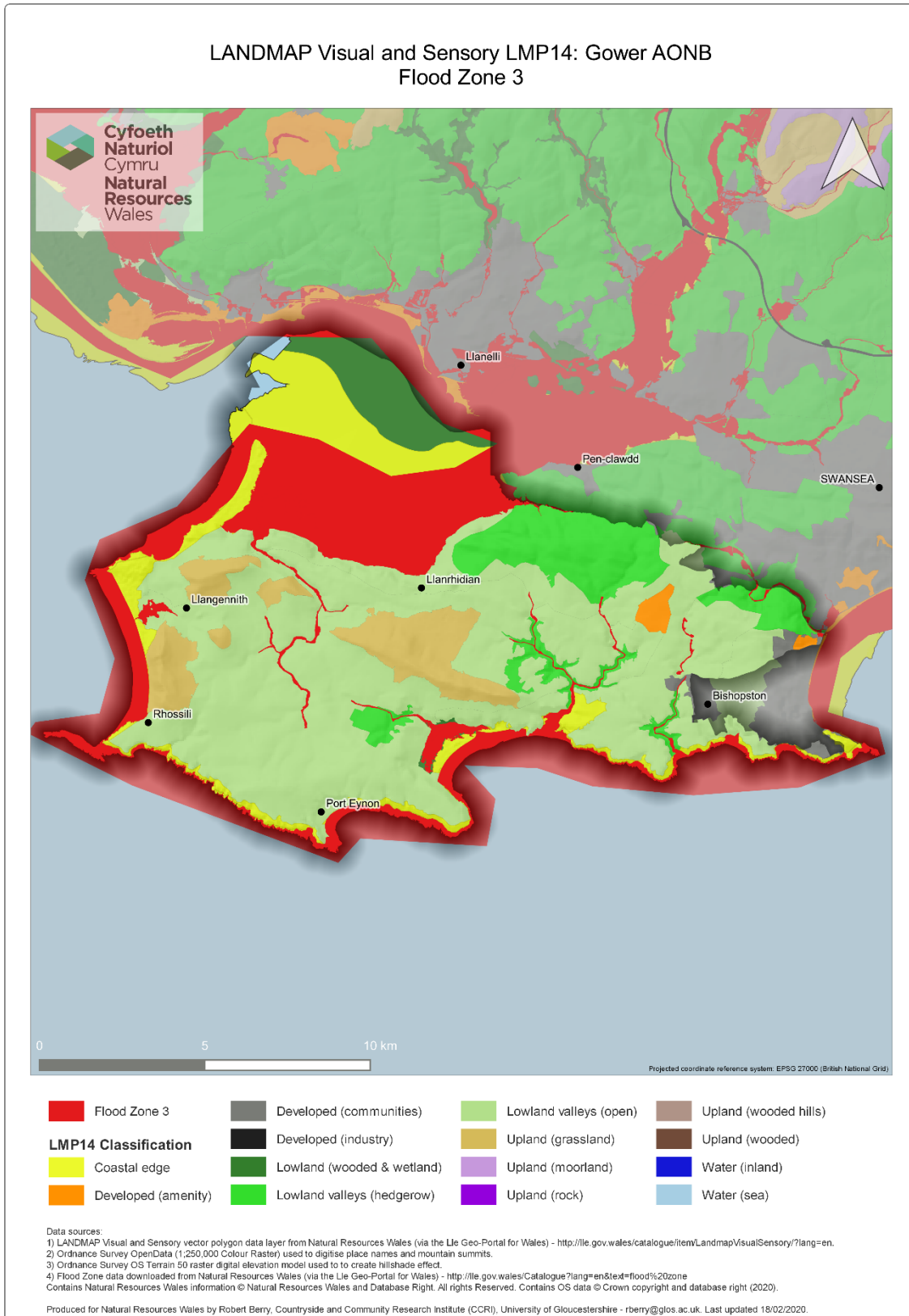


Figure 7.7 LMP14 landscape types with Flood Zone 3 (Gower AONB)

Table 7.7 Flood Zone 3 area (km²) by LMP14 landscape types (highlighting Gower AONB) ³¹

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	Total (km ²) Flood Zone 3
Anglesey AONB	30.34	0.07	0.34	0.02	0.51	1.73	4.63	0.00	0.01	0.00	0.00	0.25	0.00	5.93	43.83
Brecon Beacons National Park	0.00	0.00	0.61	0.05	0.57	0.25	16.58	5.04	2.33	0.00	0.04	12.69	7.80	0.00	45.96
Clwydian Range and Dee Valley AONB	0.00	0.00	0.14	0.04	0.32	5.76	1.75	0.51	0.13	0.00	0.63	0.30	0.17	0.00	9.75
Gower AONB	31.48	0.00	0.02	0.00	1.23	0.44	2.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.29
Llyn AONB	5.76	0.00	0.04	0.00	0.33	0.17	1.41	0.08	0.00	0.00	0.00	0.00	0.00	0.00	7.79
Pembrokeshire Coast National Park	14.54	0.13	0.28	0.00	2.96	2.41	3.09	1.73	0.00	0.00	0.00	0.00	10.09	0.00	35.23
Snowdonia National Park	28.37	0.00	1.10	0.00	6.73	11.41	26.33	8.80	5.61	0.22	2.80	2.35	13.52	9.81	117.05
Wye Valley AONB (Wales)	0.00	0.00	0.01	0.01	1.17	0.39	1.85	0.21	0.00	0.00	0.12	0.00	1.04	0.00	4.80
Total	110.49	0.20	2.54	0.12	13.82	22.56	57.76	16.37	8.08	0.22	3.59	15.59	32.62	15.74	299.70

³¹ Other designated landscape areas shown for comparison

Table 7.8 Flood Zone 3 area as a % of total area of designated landscape, by LMP14 landscape types (Gower AONB)³²

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	% Total area of designated landscape
Anglesey AONB	13.89	0.03	0.16	0.01	0.23	0.79	2.12	0.00	0.00	0.00	0.00	0.11	0.00	2.71	20.05
Brecon Beacons National Park	0.00	0.00	0.05	0.00	0.04	0.02	1.23	0.37	0.17	0.00	0.00	0.94	0.58	0.00	3.40
Clwydian Range and Dee Valley AONB	0.00	0.00	0.04	0.01	0.08	1.48	0.45	0.13	0.03	0.00	0.16	0.08	0.04	0.00	2.50
Gower AONB	16.90	0.00	0.01	0.00	0.66	0.24	1.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.95
Llyn AONB	3.62	0.00	0.03	0.00	0.21	0.11	0.89	0.05	0.00	0.00	0.00	0.00	0.00	0.00	4.91
Pembrokeshire Coast National Park	2.39	0.02	0.05	0.00	0.49	0.40	0.51	0.28	0.00	0.00	0.00	0.00	1.66	0.00	5.80
Snowdonia National Park	1.33	0.00	0.05	0.00	0.31	0.53	1.23	0.41	0.26	0.01	0.13	0.11	0.63	0.46	5.46
Wye Valley AONB (Wales)	0.00	0.00	0.01	0.01	1.00	0.33	1.58	0.18	0.00	0.00	0.10	0.00	0.89	0.00	4.10

³² Other designated landscape areas shown for comparison

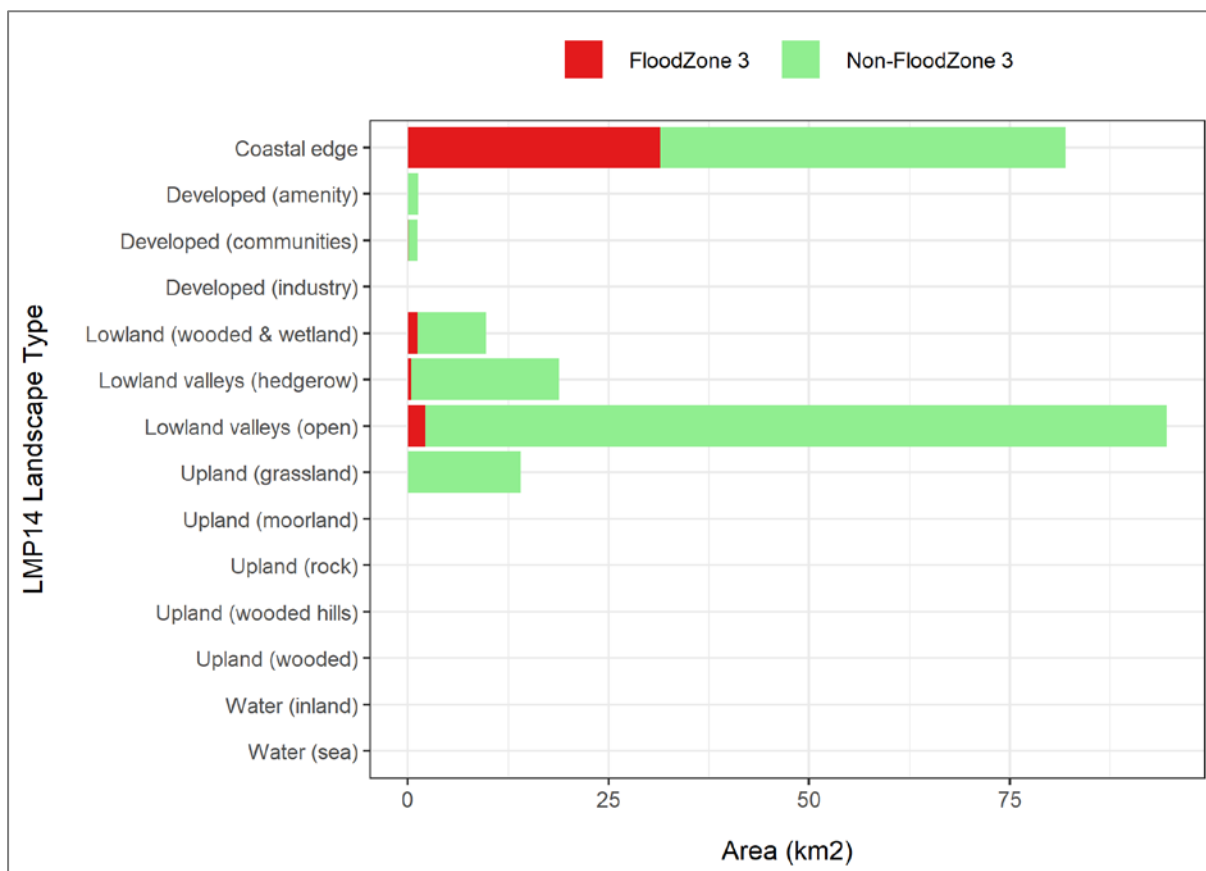


Figure 7.8 Flood Zone 3 area (km²) by LMP14 landscape type (Gower AONB)

7.5. Boundary Type

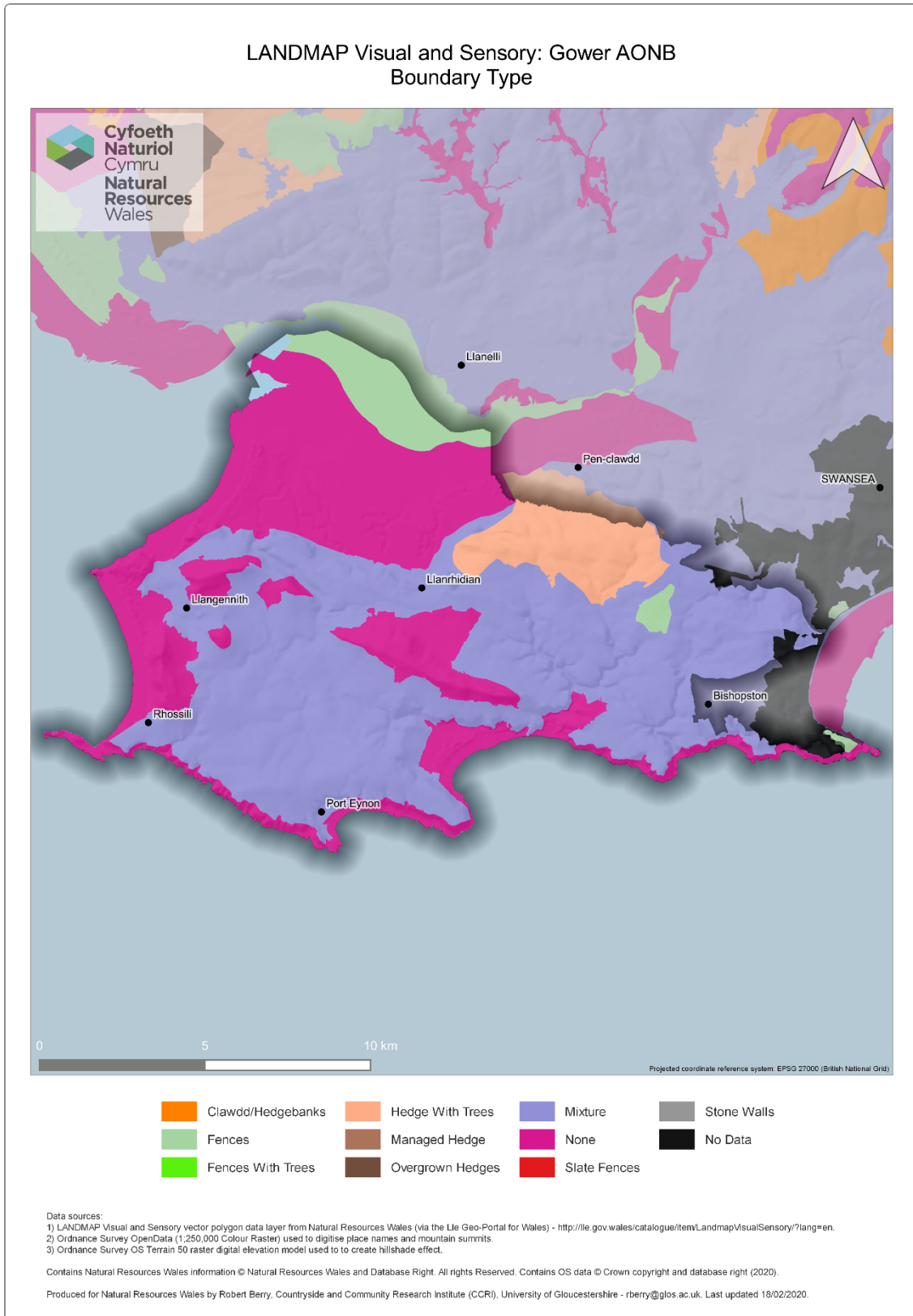


Figure 7.9 Predominant boundary type (Gower AONB)

Table 7.9 Boundary type area (km²) by LMP14 landscape (Gower AONB)

	Clawdd/ Hedge- banks	Fences	Fences with Trees	Hedge with Trees	Managed Hedge	Mixture	No Data	None	Overgrown Hedges	Slate Fences	Stone Walls	Total (km ²)
Coastal edge	0.00	0.22	0.00	0.00	0.00	0.00	0.00	50.23	0.00	0.00	0.00	50.45
Developed (amenity)	0.00	1.04	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.00	1.25
Developed (communities)	0.00	0.00	0.00	0.00	0.00	0.34	0.82	0.00	0.00	0.00	0.00	1.16
Developed (industry)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lowland (wooded & wetland)	0.00	7.44	0.00	0.00	0.00	0.00	0.00	1.09	0.00	0.00	0.00	8.53
Lowland valleys	0.00	0.00	0.00	11.38	0.00	7.06	0.00	0.00	0.00	0.00	0.00	18.44
Lowland valleys (open)	0.00	0.00	0.00	0.00	0.00	91.61	0.00	0.84	0.00	0.00	0.00	92.45
Upland (grassland)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.03	0.00	0.00	0.00	14.03
Upland (moorland)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Upland (rock)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Upland (wooded hills)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Upland (wooded)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water (inland)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water (sea)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	8.70	0.00	11.38	0.00	99.22	0.82	66.19	0.00	0.00	0.00	186.31

Table 7.10 Boundary type area (% of designated landscape area) by LMP14 landscape (Gower AONB)

	Clawdd/ Hedge- banks	Fences	Fences with Trees	Hedge with Trees	Managed Hedge	Mixture	No Data	None	Overgrown Hedges	Slate Fences	Stone Walls	% total area
Coastal edge	0.00	0.12	0.00	0.00	0.00	0.00	0.00	26.96	0.00	0.00	0.00	27.08
Developed (amenity)	0.00	0.56	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.67
Developed (communities)	0.00	0.00	0.00	0.00	0.00	0.18	0.44	0.00	0.00	0.00	0.00	0.62
Developed (industry)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lowland (wooded & wetland)	0.00	3.99	0.00	0.00	0.00	0.00	0.00	0.59	0.00	0.00	0.00	4.58
Lowland valleys	0.00	0.00	0.00	6.11	0.00	3.79	0.00	0.00	0.00	0.00	0.00	9.90
Lowland valleys (open)	0.00	0.00	0.00	0.00	0.00	49.17	0.00	0.45	0.00	0.00	0.00	49.62
Upland (grassland)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.53	0.00	0.00	0.00	7.53
Upland (moorland)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Upland (rock)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Upland (wooded hills)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Upland (wooded)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water (inland)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water (sea)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

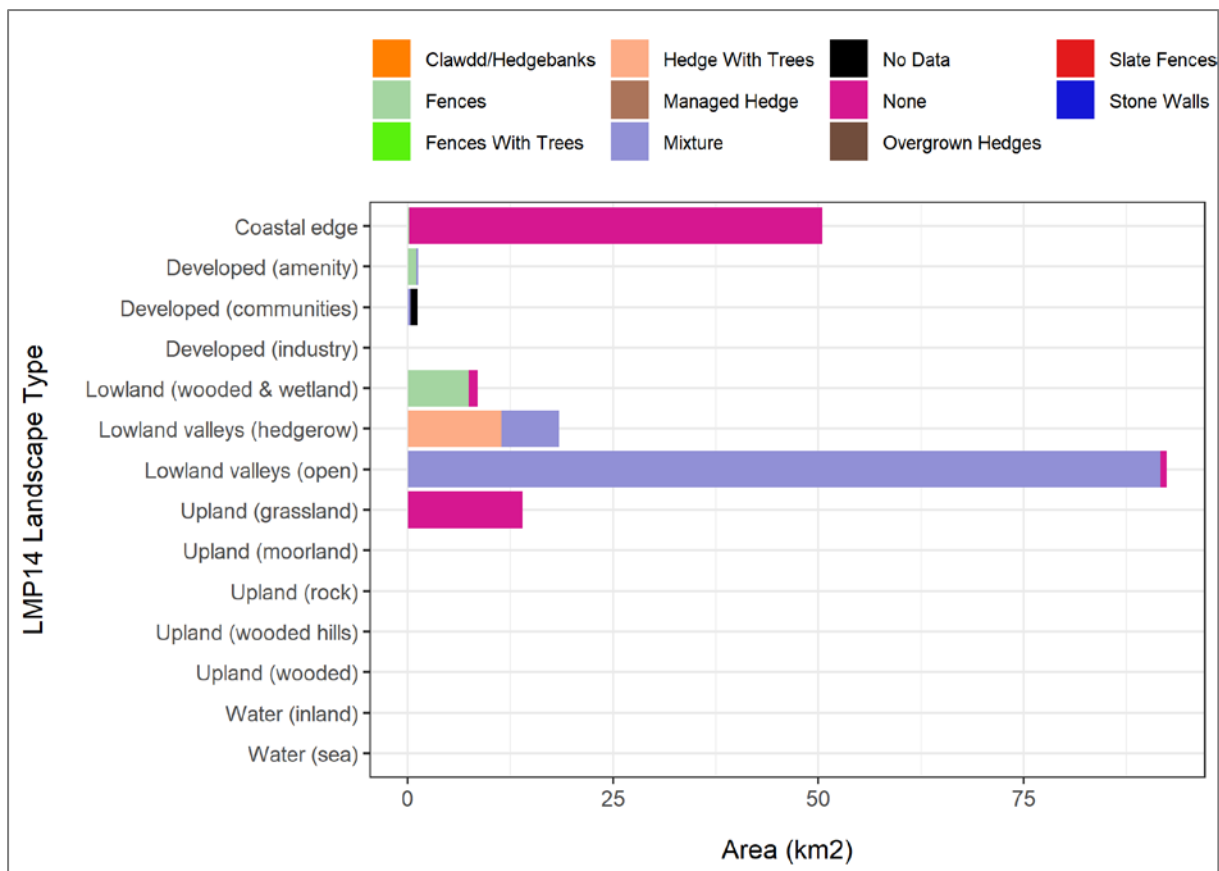


Figure 7.10 Boundary type (km²) by LMP14 landscape (Gower AONB)

7.6. Overall Evaluation

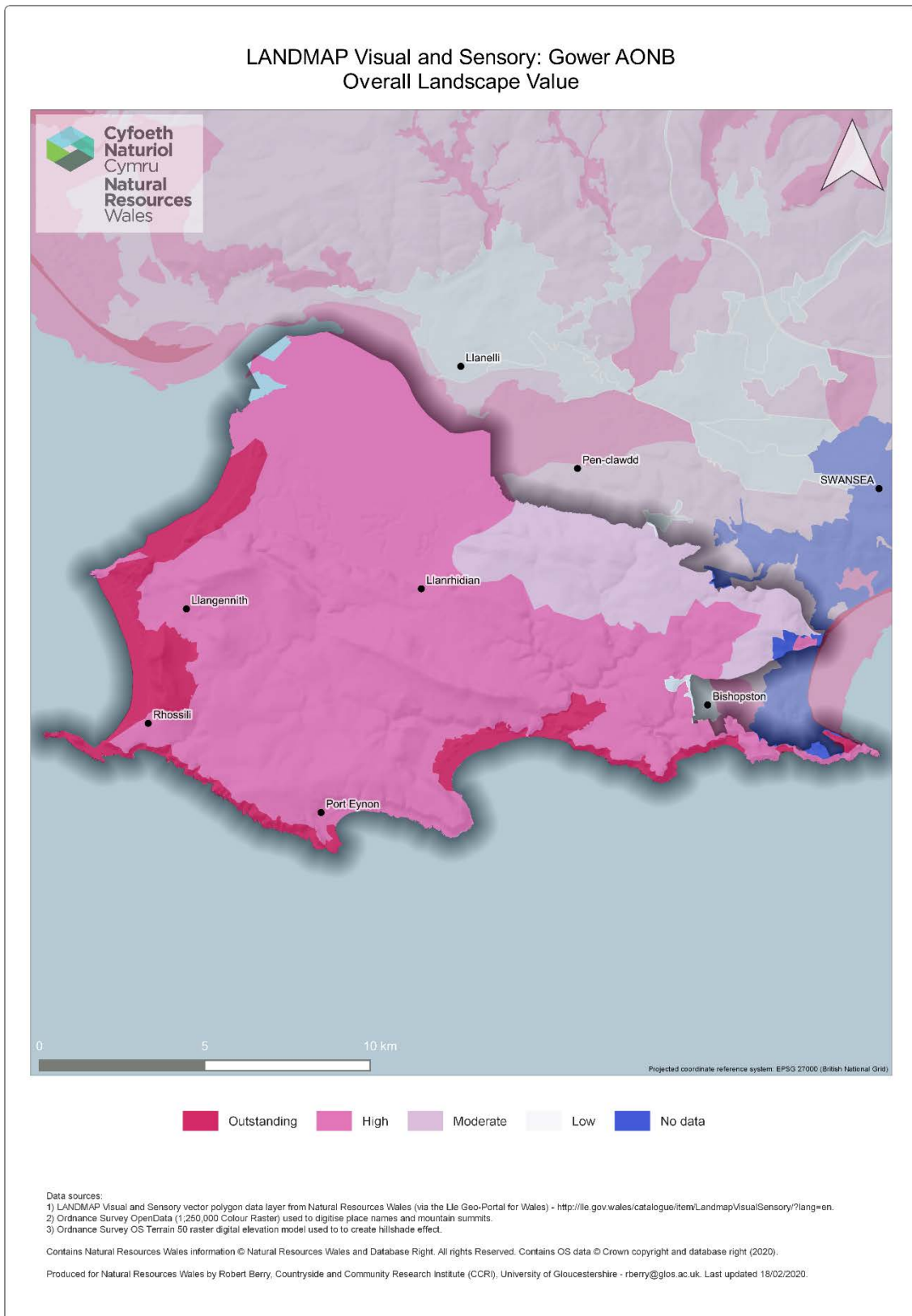


Figure 7.11 Overall landscape evaluation (Gower AONB)

Table 7.11 Overall landscape evaluation (km²) by LMP14 landscape (Gower AONB)

	Outstanding	High	Moderate	Low	No Data	Total km2
Coastal edge	16.68	33.77	0.00	0.00	0.00	50.45
Developed (amenity)	0.00	0.21	1.04	0.00	0.00	1.25
Developed (communities)	0.00	0.00	0.00	0.34	0.82	1.16
Developed (industry)	0.00	0.00	0.00	0.00	0.00	0.00
Lowland (wooded & wetland)	0.00	8.53	0.00	0.00	0.00	8.53
Lowland valleys (hedgerow)	0.00	4.39	14.05	0.00	0.00	18.44
Lowland valleys (open)	0.00	84.59	7.86	0.00	0.00	92.45
Upland (grassland)	3.25	10.78	0.00	0.00	0.00	14.03
Upland (moorland)	0.00	0.00	0.00	0.00	0.00	0.00
Upland (rock)	0.00	0.00	0.00	0.00	0.00	0.00
Upland (wooded hills)	0.00	0.00	0.00	0.00	0.00	0.00
Upland (wooded)	0.00	0.00	0.00	0.00	0.00	0.00
Water (inland)	0.00	0.00	0.00	0.00	0.00	0.00
Water (sea)	0.00	0.00	0.00	0.00	0.00	0.00
Total	19.93	142.27	22.95	0.34	0.82	186.31

Table 7.12 Overall landscape evaluation (% of designated landscape area) by LMP14 landscape (Gower AONB)

	Outstanding	High	Moderate	Low	No Data	% total area
Coastal edge	8.95	18.13	0.00	0.00	0.00	27.08
Developed (amenity)	0.00	0.11	0.56	0.00	0.00	0.67
Developed (communities)	0.00	0.00	0.00	0.18	0.44	0.62
Developed (industry)	0.00	0.00	0.00	0.00	0.00	0.00
Lowland (wooded & wetland)	0.00	4.58	0.00	0.00	0.00	4.58
Lowland valleys (hedgerow)	0.00	2.36	7.54	0.00	0.00	9.90
Lowland valleys (open)	0.00	45.40	4.22	0.00	0.00	49.62
Upland (grassland)	1.74	5.79	0.00	0.00	0.00	7.53
Upland (moorland)	0.00	0.00	0.00	0.00	0.00	0.00
Upland (rock)	0.00	0.00	0.00	0.00	0.00	0.00
Upland (wooded hills)	0.00	0.00	0.00	0.00	0.00	0.00
Upland (wooded)	0.00	0.00	0.00	0.00	0.00	0.00
Water (inland)	0.00	0.00	0.00	0.00	0.00	0.00
Water (sea)	0.00	0.00	0.00	0.00	0.00	0.00

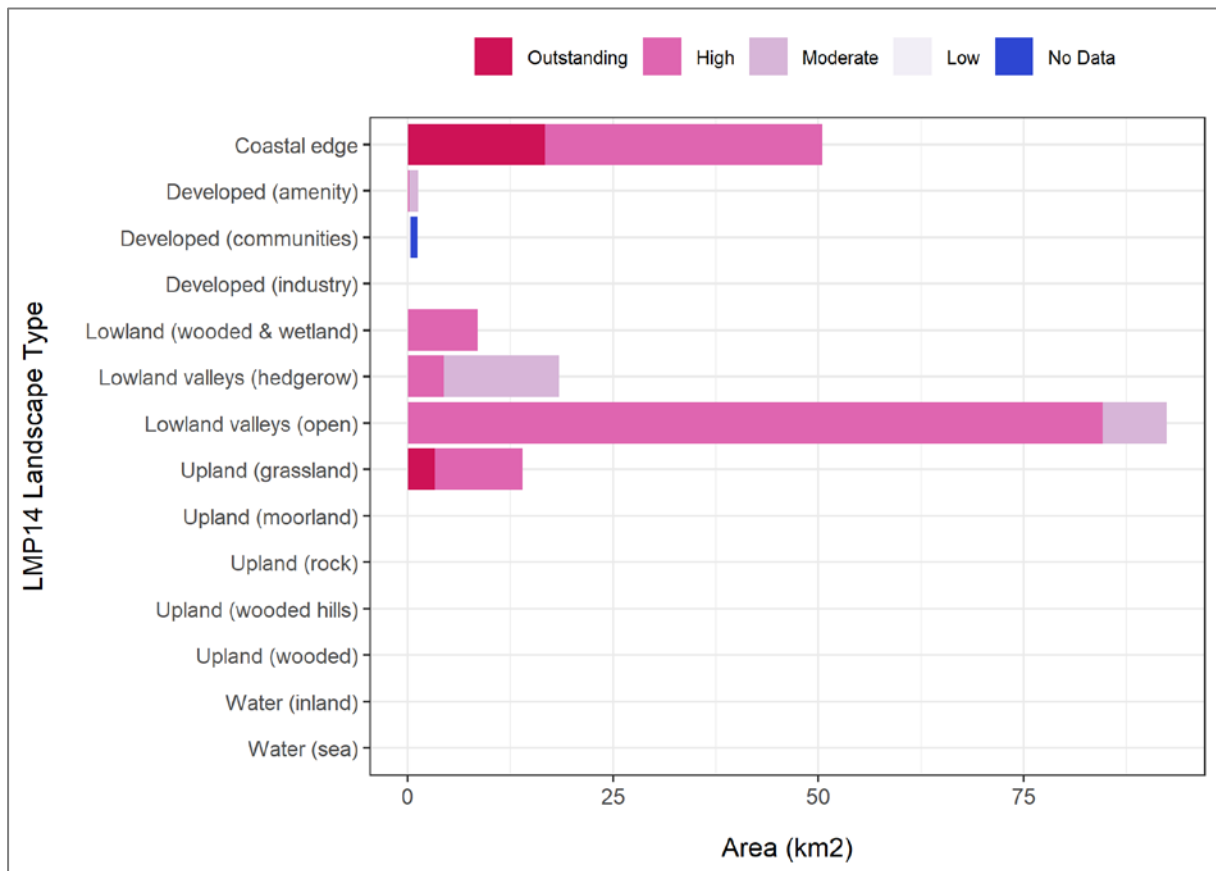


Figure 4.10 Overall evaluation (km²) by LMP14 landscape (Gower AONB)

8. Maps and Statistics: Llŷn AONB

8.1. LMP14 Landscape Types

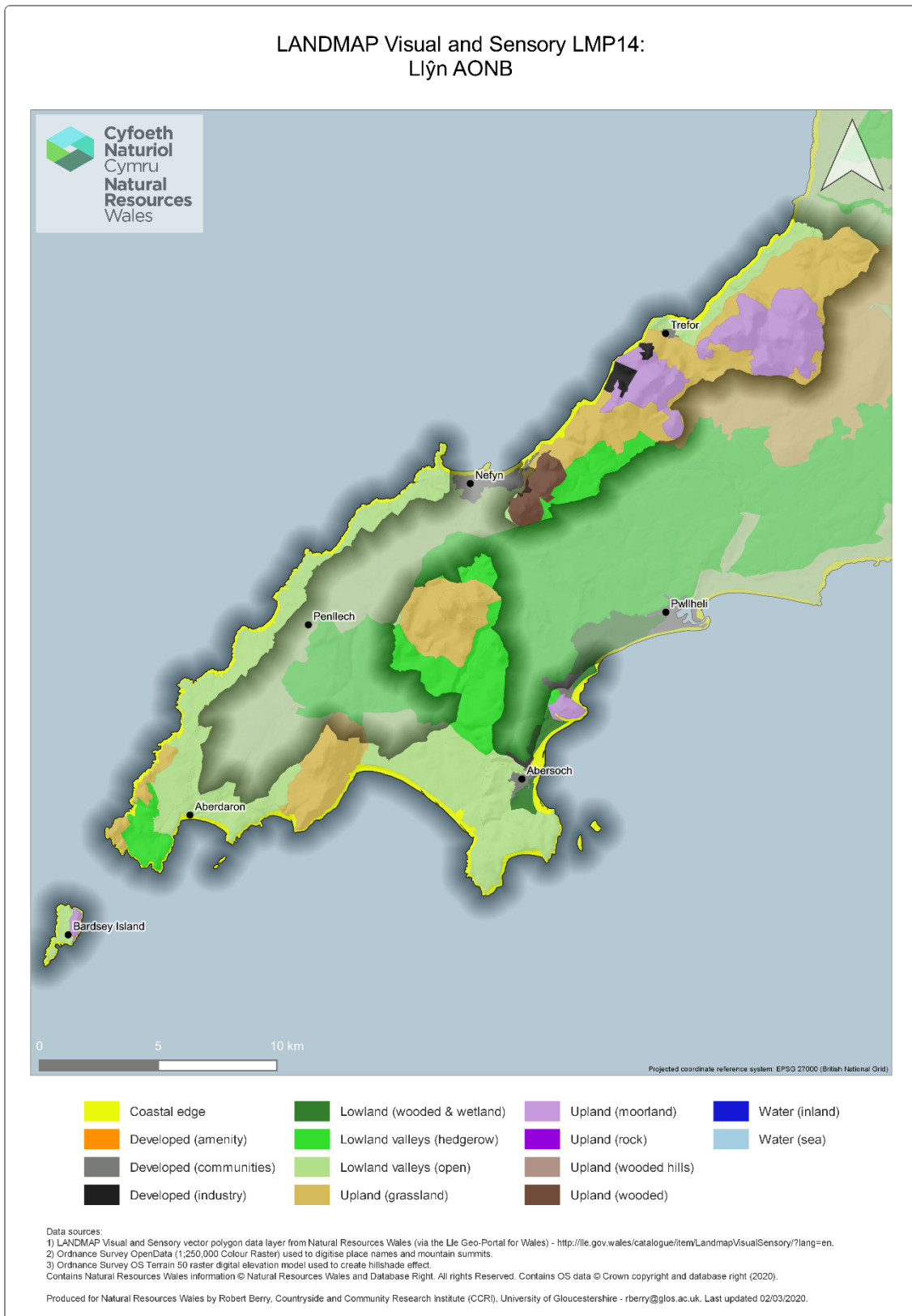


Figure 8.1 LANDMAP LMP14 landscape types for Llŷn AONB

Table 8.1 Area statistics (km²) for LMP14 landscape types (highlighting Llŷn AONB)³³

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	Total (km ²)
Anglesey AONB	42.64	1.52	3.91	0.37	10.48	64.64	65.19	0.83	13.98	0.00	2.60	6.08	0.00	6.21	218.45
Brecon Beacons National Park	0.00	0.00	7.02	1.63	6.65	12.24	55.59	169.71	528.22	1.14	16.23	543.20	8.55	0.00	1350.18
Clwydian Range and Dee Valley AONB	0.00	0.01	2.64	1.96	6.19	60.63	41.46	76.88	133.35	0.10	16.59	49.27	0.18	0.00	389.26
Gower AONB	50.45	1.25	1.16	0.00	8.53	18.44	92.45	14.03	0.00	0.00	0.00	0.00	0.00	0.00	186.31
Llŷn AONB	11.85	0.00	1.34	1.38	1.94	23.34	50.26	45.73	19.80	0.00	0.00	3.68	0.00	0.00	159.32
Pembrokeshire Coast National Park	36.43	0.82	7.16	0.00	46.55	125.15	224.55	130.36	9.84	0.00	0.00	8.86	18.19	0.00	607.91
Snowdonia National Park	52.36	0.00	7.57	0.05	42.95	123.62	126.14	321.24	894.00	139.12	238.57	160.42	23.37	9.92	2139.33
Wye Valley AONB (Wales)	0.00	0.00	0.03	0.03	25.38	10.37	6.94	28.54	0.00	0.00	44.95	0.00	1.04	0.00	117.28

³³ Other designated landscape areas shown for comparison

Table 8.2 Area statistics (% total land area of designated area) for LMP14 landscape types (highlighting Llŷn AONB) ³⁴

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)
Anglesey AONB	19.52	0.70	1.79	0.17	4.80	29.59	29.84	0.38	6.40	0.00	1.19	2.78	0.00	2.84
Brecon Beacons National Park	0.00	0.00	0.52	0.12	0.49	0.91	4.12	12.57	39.12	0.08	1.20	40.23	0.63	0.00
Clwydian Range and Dee Valley AONB	0.00	0.00	0.68	0.50	1.59	15.58	10.65	19.75	34.26	0.03	4.26	12.66	0.05	0.00
Gower AONB	27.08	0.67	0.62	0.00	4.58	9.90	49.62	7.53	0.00	0.00	0.00	0.00	0.00	0.00
Llŷn AONB	7.44	0.00	0.84	0.87	1.22	14.65	31.55	28.70	12.43	0.00	0.00	2.31	0.00	0.00
Pembrokeshire Coast National Park	5.99	0.13	1.18	0.00	7.66	20.59	36.94	21.44	1.62	0.00	0.00	1.46	2.99	0.00
Snowdonia National Park	2.45	0.00	0.35	0.00	2.01	5.78	5.90	15.02	41.79	6.50	11.15	7.50	1.09	0.46
Wye Valley AONB (Wales)	0.00	0.00	0.03	0.03	21.64	8.84	5.92	24.33	0.00	0.00	38.33	0.00	0.89	0.00

³⁴ Other designated landscape areas shown for comparison

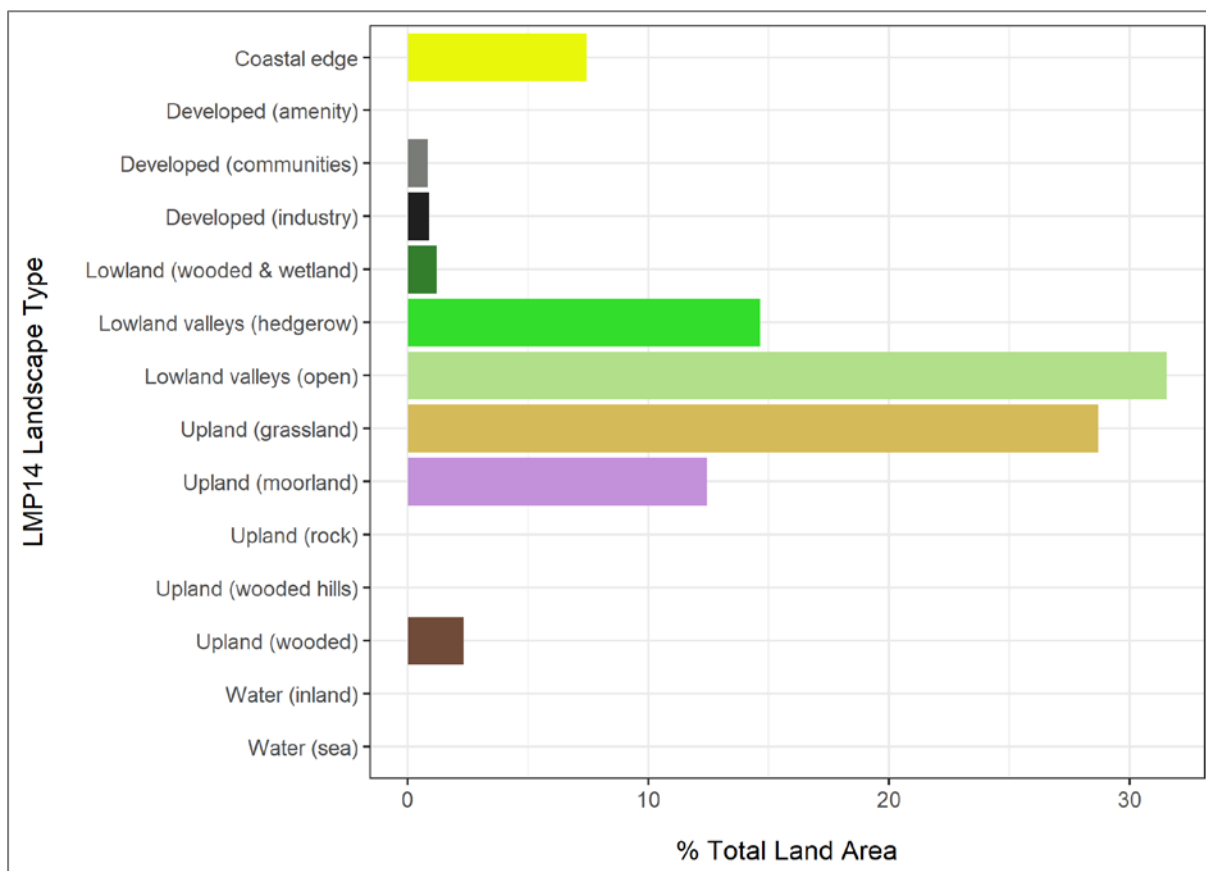


Figure 9.2 Area statistics for LMP14 landscape types (Llyn AONB)

8.2. Sea Level Rise

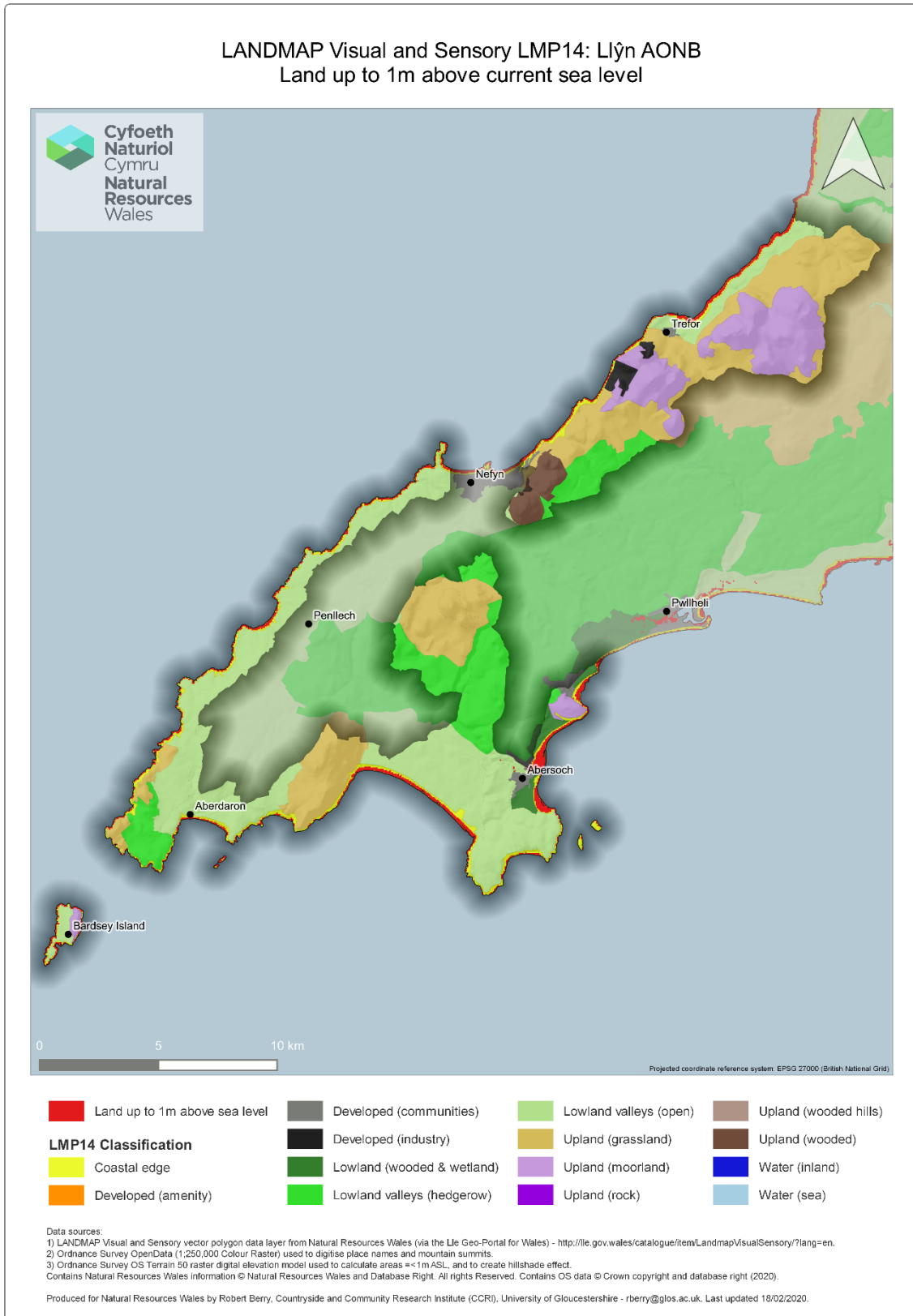


Figure 8.3 LANDMAP LMP14 landscape types with land up to 1m above sea level (LIŷn AONB)

Table 8.3 Land up to 1m above sea level (km²) by LMP14 landscape types (highlighting Llyn AONB)³⁵

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	Total (km ²)
Anglesey AONB	17.98	0.00	0.02	0.00	0.00	0.25	0.45	0.00	0.01	0.00	0.00	0.00	0.00	3.67	22.38
Brecon Beacons National Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Clwydian Range and Dee Valley AONB	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gower AONB	22.13	0.00	0.00	0.00	7.42	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.59
Llyn AONB	3.71	0.00	0.03	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.75
Pembrokeshire Coast National Park	9.32	0.00	0.00	0.00	0.35	0.19	0.35	0.00	0.00	0.00	0.00	0.00	6.21	0.00	16.42
Snowdonia National Park	4.78	0.00	0.01	0.00	0.34	0.00	1.31	0.04	0.00	0.00	0.00	0.10	0.00	8.71	15.29
Wye Valley AONB (Wales)	0.00	0.00	0.01	0.00	0.33	0.00	0.26	0.00	0.00	0.00	0.00	0.00	0.50	0.00	1.10
Total	57.92	0	0.07	0	8.44	0.44	2.42	0.04	0.01	0	0	0.1	6.71	12.38	88.53

³⁵ Other designated landscape areas shown for comparison

Table 8.4 Land up to 1m above sea level (% area of designated landscape) by LMP14 landscape types (highlighting Llŷn AONB) ³⁶

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	% Total area of designated area
Anglesey AONB	8.23	0.00	0.01	0.00	0.00	0.11	0.21	0.00	0.00	0.00	0.00	0.00	0.00	1.68	10.24
Brecon Beacons National Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
Clwydian Range and Dee Valley AONB	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
Gower AONB	11.88	0.00	0.00	0.00	3.98	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.88
Llyn AONB	2.33	0.00	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.36
Pembrokeshire Coast National Park	1.53	0.00	0.00	0.00	0.06	0.03	0.06	0.00	0.00	0.00	0.00	0.00	1.02	0.00	2.7
Snowdonia National Park	0.22	0.00	0.00	0.00	0.02	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.71
Wye Valley AONB (Wales)	0.00	0.00	0.01	0.00	0.28	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.43	0.00	0.94

³⁶ Other designated landscape areas shown for comparison

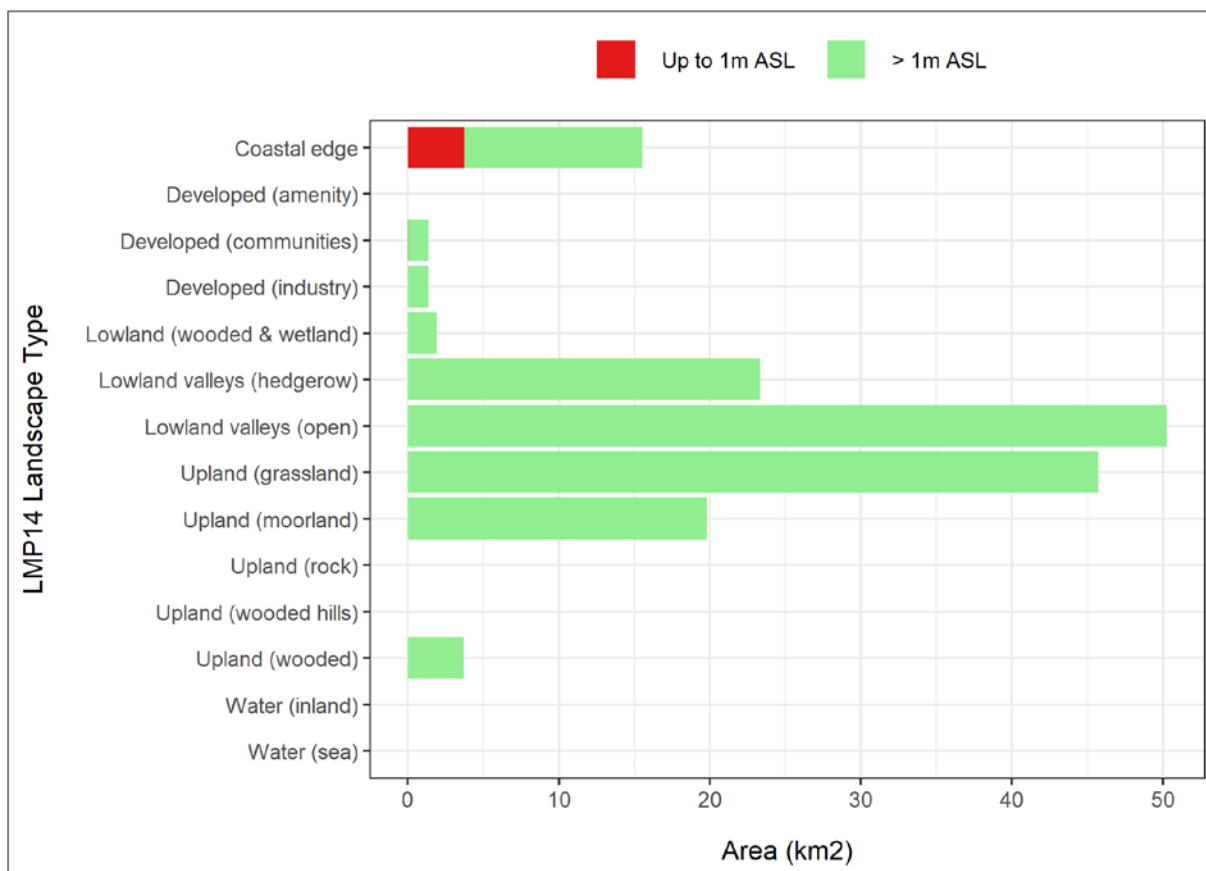


Figure 8.4 Area statistics for LMP14 landscapes up to 1m above sea level (Llyn AONB)

8.3. River and Sea Flooding: Flood Zone 2

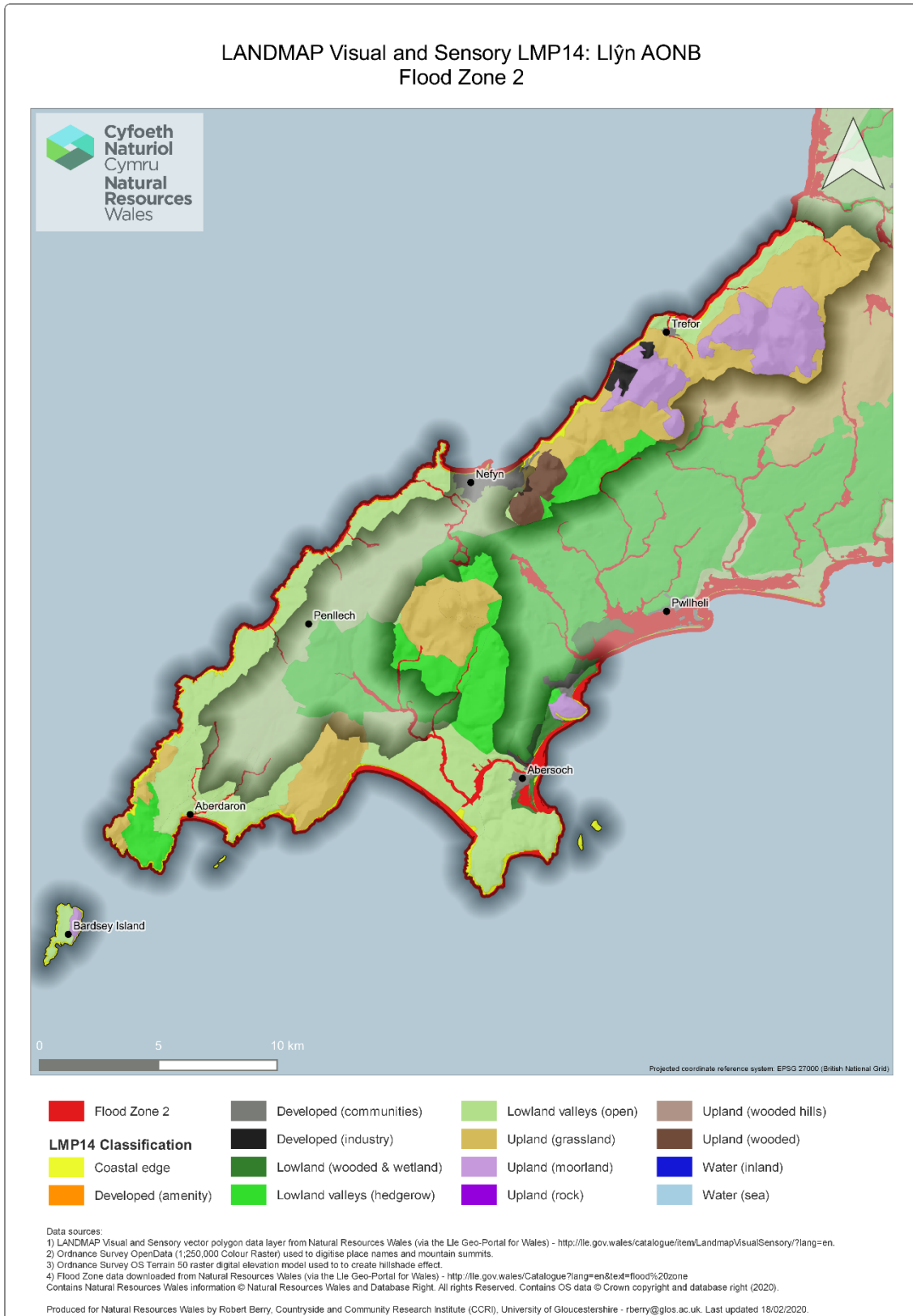


Figure 8.5 LMP14 landscape types with Flood Zone 2 (Llŷn AONB)

Table 8.5 Flood Zone 2 area (km²) by LMP14 landscape types (highlighting Llŷn AONB)³⁷

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	Total (km ²) Flood Zone 2
Anglesey AONB	30.64	0.08	0.39	0.02	0.63	1.95	5.34	0.00	0.01	0.00	0.00	0.30	0.00	5.95	45.31
Brecon Beacons National Park	0.00	0.00	0.82	0.05	0.68	0.36	18.72	6.31	2.70	0.00	0.05	15.37	8.07	0.00	53.13
Clwydian Range and Dee Valley AONB	0.00	0.00	0.26	0.06	0.38	7.00	1.94	0.58	0.15	0.00	0.72	0.37	0.18	0.00	11.64
Gower AONB	32.06	0.00	0.03	0.00	1.32	0.64	2.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.99
Llŷn AONB	5.87	0.00	0.05	0.00	0.39	0.20	1.60	0.10	0.00	0.00	0.00	0.00	0.00	0.00	8.21
Pembrokeshire Coast National Park	14.82	0.15	0.34	0.00	3.56	3.44	3.79	2.09	0.00	0.00	0.00	0.00	10.31	0.00	38.50
Snowdonia National Park	30.41	0.00	1.25	0.00	7.68	13.31	28.43	9.80	6.33	0.30	3.13	2.66	13.79	9.84	126.93
Wye Valley AONB (Wales)	0.00	0.00	0.02	0.01	1.50	0.41	2.34	0.23	0.00	0.00	0.14	0.00	1.04	0.00	5.69
Total	113.80	0.23	3.16	0.14	16.14	27.31	65.10	19.11	9.19	0.30	4.04	18.70	33.39	15.79	326.40

³⁷ Other designated landscape areas shown for comparison

Table 8.6 Flood Zone 2 area as a % of total area of designated landscape, by LMP14 landscape types (highlighting Llŷn AONB) ³⁸

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	% Total area of designated landscape
Anglesey AONB	14.03	0.04	0.18	0.01	0.29	0.89	2.44	0.00	0.00	0.00	0.00	0.14	0.00	2.72	20.74
Brecon Beacons National Park	0.00	0.00	0.06	0.00	0.05	0.03	1.39	0.47	0.20	0.00	0.00	1.14	0.60	0.00	3.94
Clwydian Range and Dee Valley AONB	0.00	0.00	0.07	0.02	0.10	1.80	0.50	0.15	0.04	0.00	0.18	0.10	0.05	0.00	3.01
Gower AONB	17.21	0.00	0.02	0.00	0.71	0.34	1.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.86
Llyn AONB	3.68	0.00	0.03	0.00	0.24	0.13	1.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	5.14
Pembrokeshire Coast National Park	2.44	0.02	0.06	0.00	0.59	0.57	0.62	0.34	0.00	0.00	0.00	0.00	1.70	0.00	6.34
Snowdonia National Park	1.42	0.00	0.06	0.00	0.36	0.62	1.33	0.46	0.30	0.01	0.15	0.12	0.64	0.46	5.93
Wye Valley AONB (Wales)	0.00	0.00	0.02	0.01	1.28	0.35	2.00	0.20	0.00	0.00	0.12	0.00	0.89	0.00	4.87

³⁸ Other designated landscape areas shown for comparison

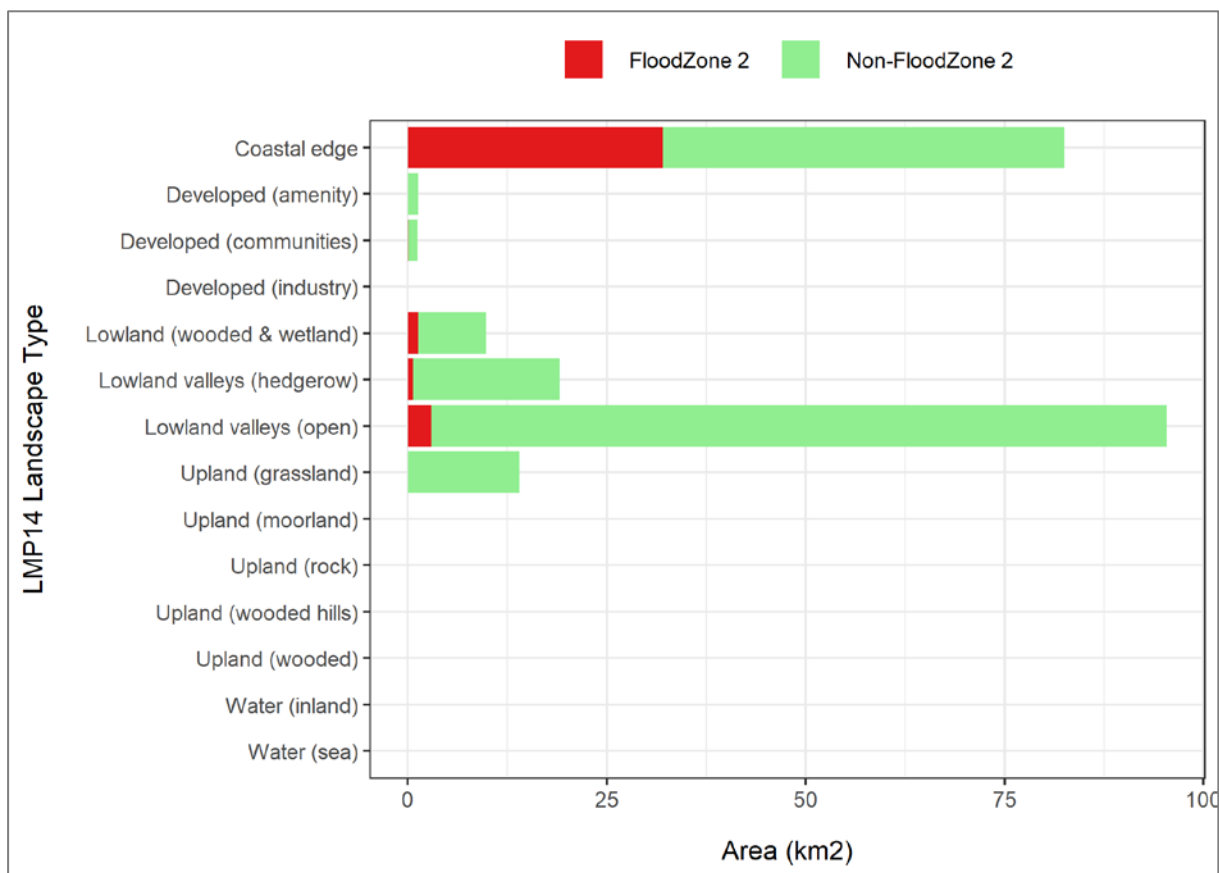


Figure 8.6 Flood Zone 2 area (km²) by LMP14 landscape type (LIŷn AONB)

8.4. River and Sea Flooding: Flood Zone 3

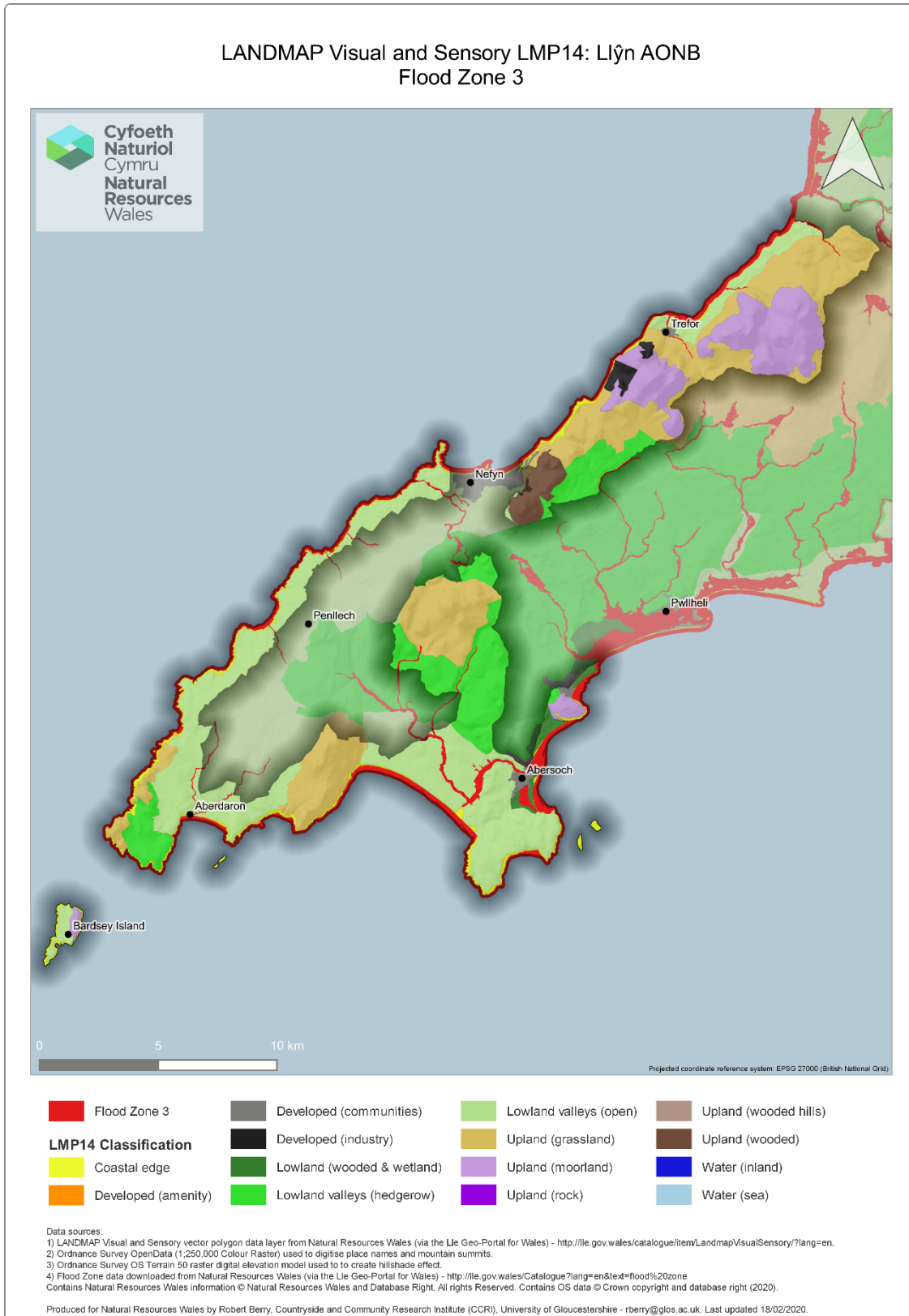


Figure 8.7 LMP14 landscape types with Flood Zone 3 (Llŷn AONB)

Table 8.7 Flood Zone 3 area (km²) by LMP14 landscape types (highlighting Llŷn AONB) ³⁹

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	Total (km ²) Flood Zone 3
Anglesey AONB	30.34	0.07	0.34	0.02	0.51	1.73	4.63	0.00	0.01	0.00	0.00	0.25	0.00	5.93	43.83
Brecon Beacons National Park	0.00	0.00	0.61	0.05	0.57	0.25	16.58	5.04	2.33	0.00	0.04	12.69	7.80	0.00	45.96
Clwydian Range and Dee Valley AONB	0.00	0.00	0.14	0.04	0.32	5.76	1.75	0.51	0.13	0.00	0.63	0.30	0.17	0.00	9.75
Gower AONB	31.48	0.00	0.02	0.00	1.23	0.44	2.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.29
Llyn AONB	5.76	0.00	0.04	0.00	0.33	0.17	1.41	0.08	0.00	0.00	0.00	0.00	0.00	0.00	7.79
Pembrokeshire Coast National Park	14.54	0.13	0.28	0.00	2.96	2.41	3.09	1.73	0.00	0.00	0.00	0.00	10.09	0.00	35.23
Snowdonia National Park	28.37	0.00	1.10	0.00	6.73	11.41	26.33	8.80	5.61	0.22	2.80	2.35	13.52	9.81	117.05
Wye Valley AONB (Wales)	0.00	0.00	0.01	0.01	1.17	0.39	1.85	0.21	0.00	0.00	0.12	0.00	1.04	0.00	4.80
Total	110.49	0.20	2.54	0.12	13.82	22.56	57.76	16.37	8.08	0.22	3.59	15.59	32.62	15.74	299.70

³⁹ Other designated landscape areas shown for comparison

Table 8.8 Flood Zone 3 area as a % of total area of designated landscape, by LMP14 landscape types (highlighting Llyn AONB)⁴⁰

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	% Total area of designated landscape
Anglesey AONB	13.89	0.03	0.16	0.01	0.23	0.79	2.12	0.00	0.00	0.00	0.00	0.11	0.00	2.71	20.05
Brecon Beacons National Park	0.00	0.00	0.05	0.00	0.04	0.02	1.23	0.37	0.17	0.00	0.00	0.94	0.58	0.00	3.40
Clwydian Range and Dee Valley AONB	0.00	0.00	0.04	0.01	0.08	1.48	0.45	0.13	0.03	0.00	0.16	0.08	0.04	0.00	2.50
Gower AONB	16.90	0.00	0.01	0.00	0.66	0.24	1.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.95
Llyn AONB	3.62	0.00	0.03	0.00	0.21	0.11	0.89	0.05	0.00	0.00	0.00	0.00	0.00	0.00	4.91
Pembrokeshire Coast National Park	2.39	0.02	0.05	0.00	0.49	0.40	0.51	0.28	0.00	0.00	0.00	0.00	1.66	0.00	5.80
Snowdonia National Park	1.33	0.00	0.05	0.00	0.31	0.53	1.23	0.41	0.26	0.01	0.13	0.11	0.63	0.46	5.46
Wye Valley AONB (Wales)	0.00	0.00	0.01	0.01	1.00	0.33	1.58	0.18	0.00	0.00	0.10	0.00	0.89	0.00	4.10

⁴⁰ Other designated landscape areas shown for comparison

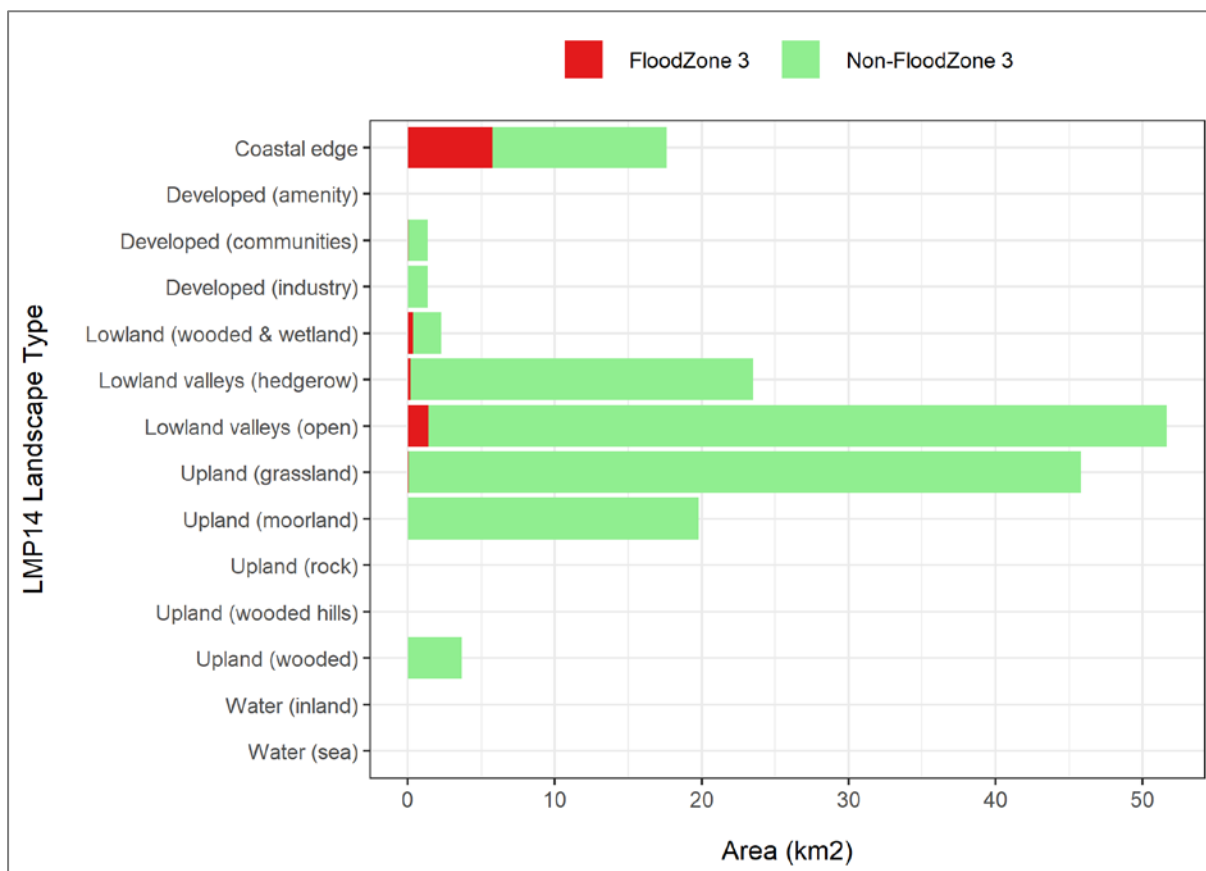


Figure 8.8 Flood Zone 3 area (km²) by LMP14 landscape type (Llyn AONB)

8.5. Boundary Type

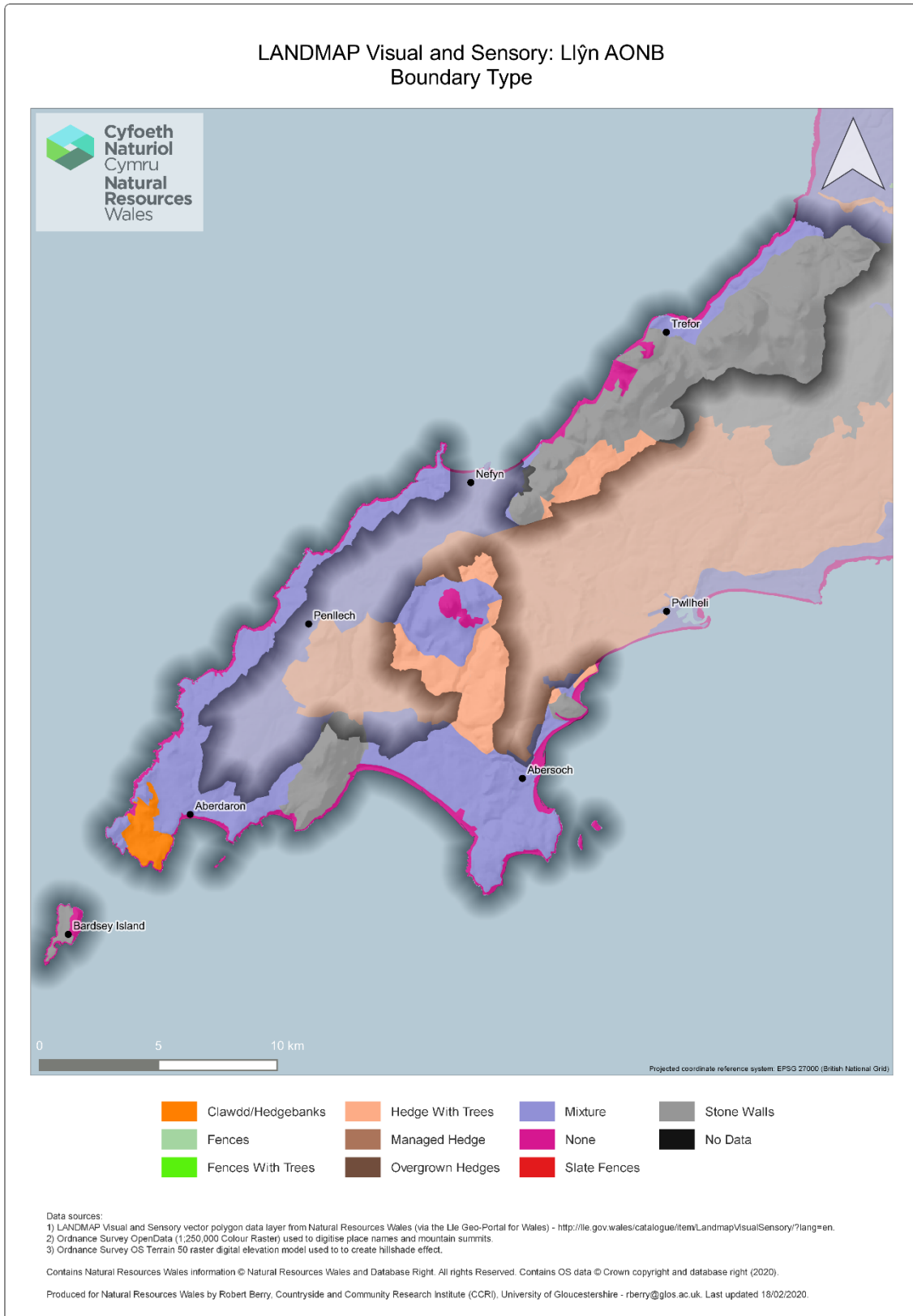


Figure 8.9 Predominant boundary type (Llŷn AONB)

Table 8.9 Boundary type area (km²) by LMP14 landscape (Llyn AONB)

	Clawdd/ Hedge- banks	Fences	Fences with Trees	Hedge with Trees	Managed Hedge	Mixture	No Data	None	Overgrown Hedges	Slate Fences	Stone Walls	Total (km ²)
Coastal edge	0.00	0.00	0.00	0.00	0.00	0.16	0.00	11.69	0.00	0.00	0.00	11.85
Developed (amenity)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Developed (communities)	0.00	0.00	0.00	0.00	0.00	1.34	0.00	0.00	0.00	0.00	0.00	1.34
Developed (industry)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.38	0.00	0.00	0.00	1.38
Lowland (wooded & wetland)	0.00	0.00	0.00	0.31	0.00	1.63	0.00	0.00	0.00	0.00	0.00	1.94
Lowland valleys	3.79	0.00	0.00	19.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.34
Lowland valleys (open)	0.00	0.00	0.00	0.00	0.00	49.25	0.00	0.00	0.00	0.00	1.01	50.26
Upland (grassland)	0.00	0.00	0.00	0.00	0.00	11.11	0.00	1.41	0.00	0.00	33.21	45.73
Upland (moorland)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.49	0.00	0.00	19.31	19.80
Upland (rock)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Upland (wooded hills)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Upland (wooded)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.68	3.68
Water (inland)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water (sea)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	3.79	0.00	0.00	19.86	0.00	63.49	0.00	14.97	0.00	0.00	57.21	159.32

Table 8.10 Boundary type area (% of designated landscape area) by LMP14 landscape (Liŷn AONB)

	Clawdd/ Hedge- banks	Fences	Fences with Trees	Hedge with Trees	Managed Hedge	Mixture	No Data	None	Overgrown Hedges	Slate Fences	Stone Walls	% total area
Coastal edge	0.00	0.00	0.00	0.00	0.00	0.10	0.00	7.34	0.00	0.00	0.00	7.44
Developed (amenity)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Developed (communities)	0.00	0.00	0.00	0.00	0.00	0.84	0.00	0.00	0.00	0.00	0.00	0.84
Developed (industry)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.87	0.00	0.00	0.00	0.87
Lowland (wooded & wetland)	0.00	0.00	0.00	0.19	0.00	1.02	0.00	0.00	0.00	0.00	0.00	1.21
Lowland valleys	2.38	0.00	0.00	12.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.65
Lowland valleys (open)	0.00	0.00	0.00	0.00	0.00	30.91	0.00	0.00	0.00	0.00	0.63	31.54
Upland (grassland)	0.00	0.00	0.00	0.00	0.00	6.97	0.00	0.89	0.00	0.00	20.84	28.70
Upland (moorland)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.00	0.00	12.12	12.43
Upland (rock)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Upland (wooded hills)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Upland (wooded)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.31	2.31
Water (inland)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water (sea)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

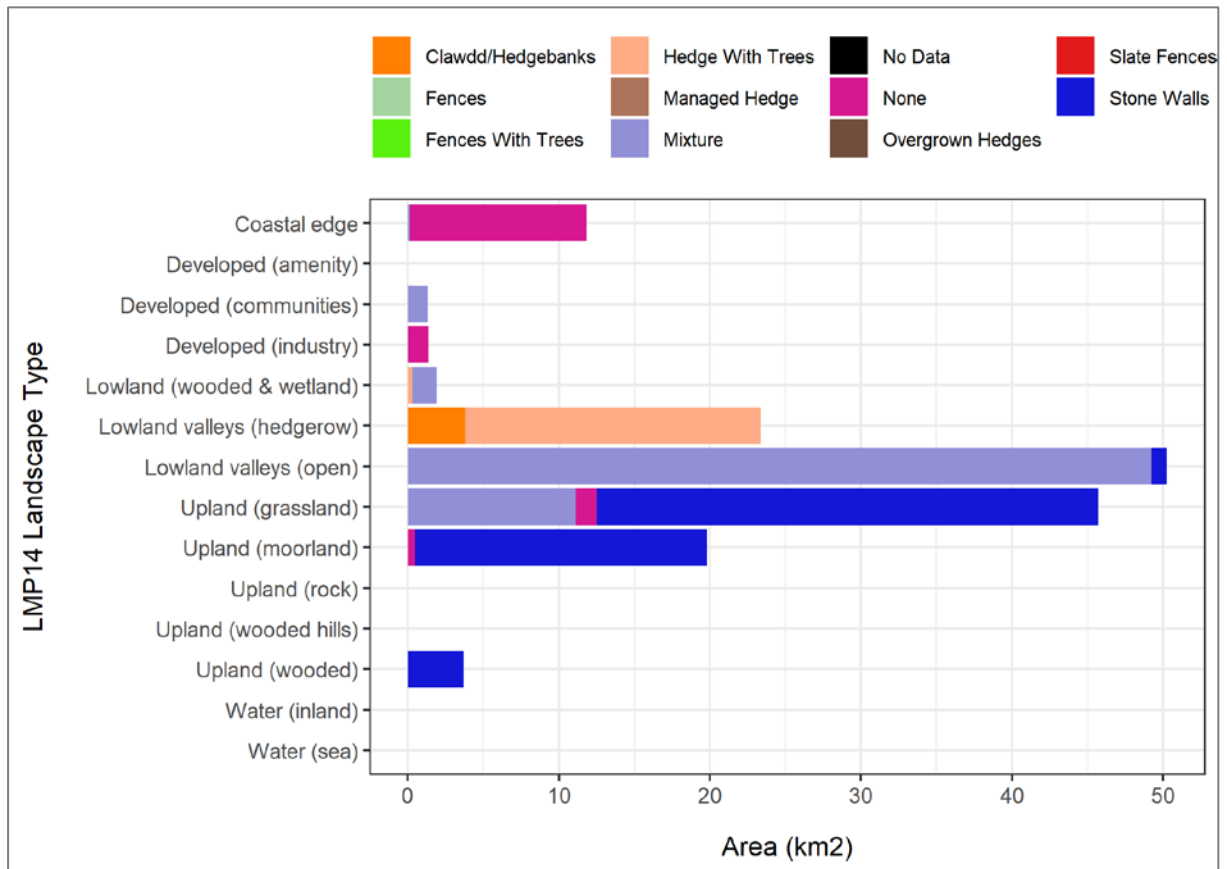


Figure 8.10 Boundary type (km²) by LMP14 landscape (Llyn AONB)

8.6. Overall Evaluation

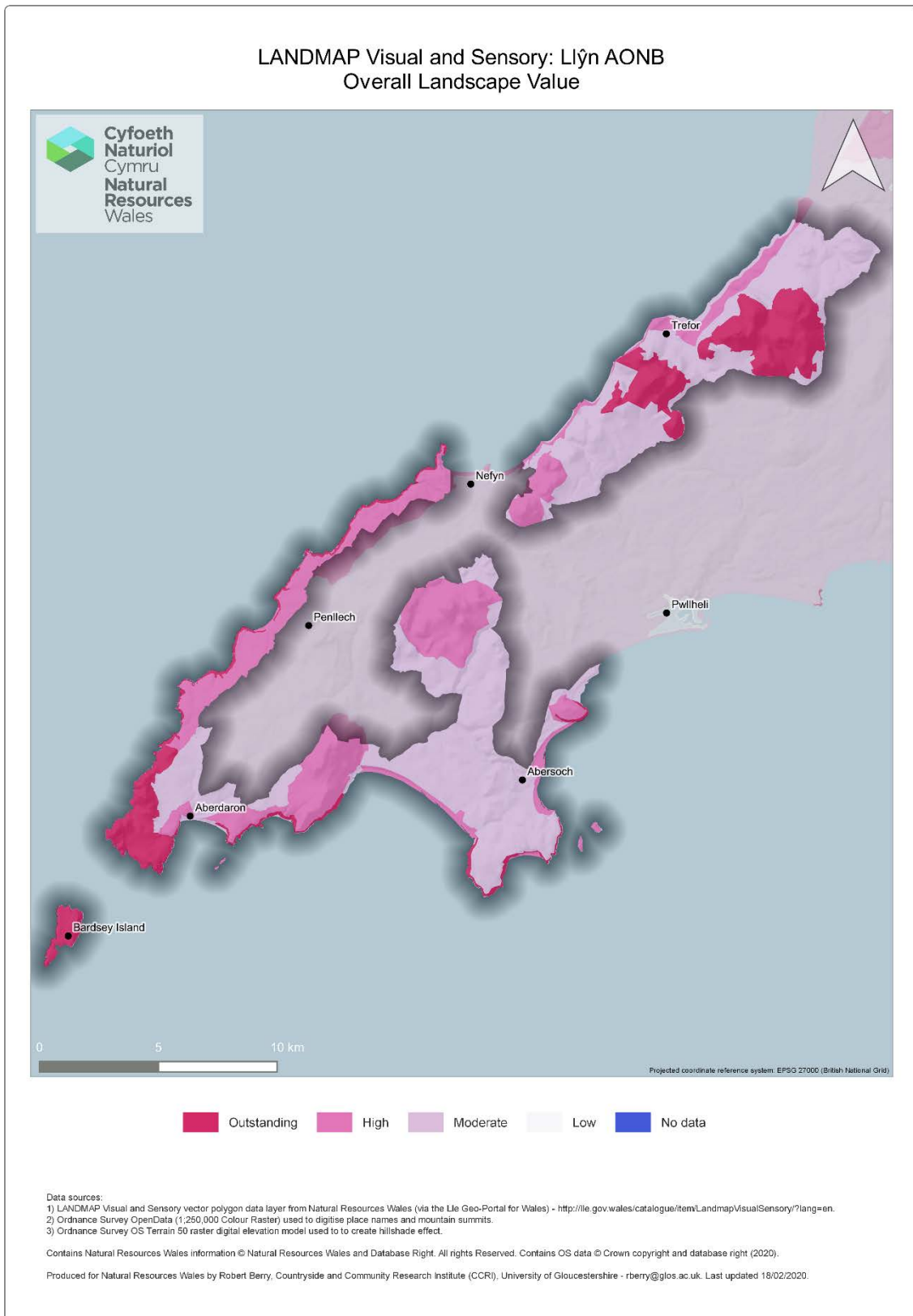


Figure 8.11 Overall landscape evaluation (Llŷn AONB)

Table 8.11 Overall landscape evaluation (km²) by LMP14 landscape (Llŷn AONB)

	Outstanding	High	Moderate	Low	No Data	Total km2
Coastal edge	5.22	4.21	2.42	0.00	0.00	11.85
Developed (amenity)	0.00	0.00	0.00	0.00	0.00	0.00
Developed (communities)	0.00	0.00	1.34	0.00	0.00	1.34
Developed (industry)	0.00	0.00	1.38	0.00	0.00	1.38
Lowland (wooded & wetland)	0.00	0.00	1.94	0.00	0.00	1.94
Lowland valleys (hedgerow)	3.79	0.00	19.55	0.00	0.00	23.34
Lowland valleys (open)	1.01	18.66	30.59	0.00	0.00	50.26
Upland (grassland)	2.18	18.09	25.46	0.00	0.00	45.73
Upland (moorland)	18.72	1.08	0.00	0.00	0.00	19.80
Upland (rock)	0.00	0.00	0.00	0.00	0.00	0.00
Upland (wooded hills)	0.00	0.00	0.00	0.00	0.00	0.00
Upland (wooded)	0.00	3.68	0.00	0.00	0.00	3.68
Water (inland)	0.00	0.00	0.00	0.00	0.00	0.00
Water (sea)	0.00	0.00	0.00	0.00	0.00	0.00
Total	30.92	45.72	82.68	0.00	0.00	159.32

Table 8.12 Overall landscape evaluation (% of designated landscape area) by LMP14 landscape (Llŷn AONB)

	Outstanding	High	Moderate	Low	No Data	% total area
Coastal edge	3.28	2.64	1.52	0.00	0.00	7.44
Developed (amenity)	0.00	0.00	0.00	0.00	0.00	0.00
Developed (communities)	0.00	0.00	0.84	0.00	0.00	0.84
Developed (industry)	0.00	0.00	0.87	0.00	0.00	0.87
Lowland (wooded & wetland)	0.00	0.00	1.22	0.00	0.00	1.22
Lowland valleys (hedgerow)	2.38	0.00	12.27	0.00	0.00	14.65
Lowland valleys (open)	0.63	11.71	19.20	0.00	0.00	31.54
Upland (grassland)	1.37	11.35	15.98	0.00	0.00	28.70
Upland (moorland)	11.75	0.68	0.00	0.00	0.00	12.43
Upland (rock)	0.00	0.00	0.00	0.00	0.00	0.00
Upland (wooded hills)	0.00	0.00	0.00	0.00	0.00	0.00
Upland (wooded)	0.00	2.31	0.00	0.00	0.00	2.31
Water (inland)	0.00	0.00	0.00	0.00	0.00	0.00
Water (sea)	0.00	0.00	0.00	0.00	0.00	0.00

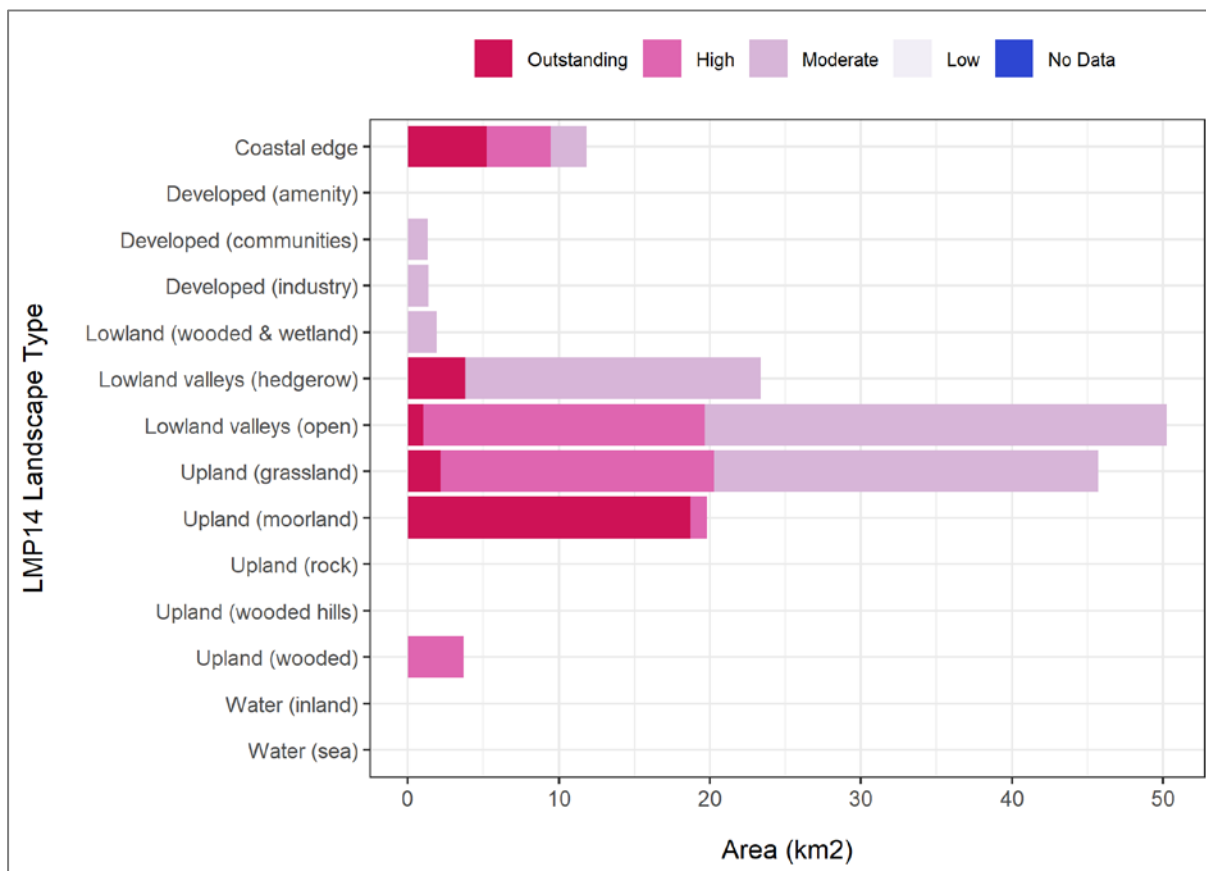


Figure 4.10 Overall evaluation (km²) by LMP14 landscape (Llyn AONB)

9. Maps and Statistics: Pembrokeshire Coast National Park

9.1. LMP14 Landscape Types

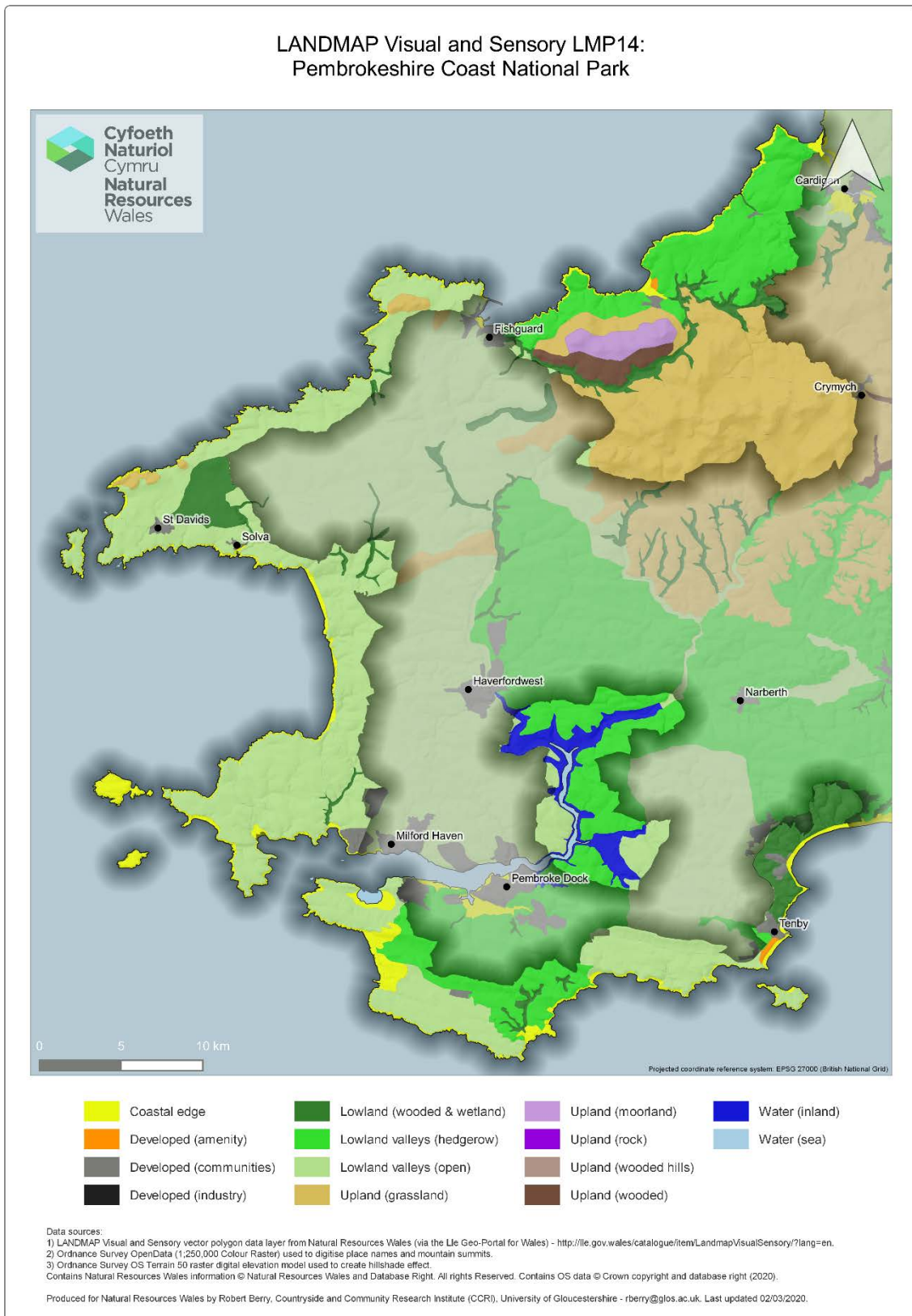


Figure 9.1 LANDMAP LMP14 landscape types for Pembrokeshire Coast National Park

Table 9.1 Area statistics (km²) for LMP14 landscape types (highlighting Pembrokeshire Coast National Park)⁴¹

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	Total (km ²)
Anglesey AONB	42.64	1.52	3.91	0.37	10.48	64.64	65.19	0.83	13.98	0.00	2.60	6.08	0.00	6.21	218.45
Brecon Beacons National Park	0.00	0.00	7.02	1.63	6.65	12.24	55.59	169.71	528.22	1.14	16.23	543.20	8.55	0.00	1350.18
Clwydian Range and Dee Valley AONB	0.00	0.01	2.64	1.96	6.19	60.63	41.46	76.88	133.35	0.10	16.59	49.27	0.18	0.00	389.26
Gower AONB	50.45	1.25	1.16	0.00	8.53	18.44	92.45	14.03	0.00	0.00	0.00	0.00	0.00	0.00	186.31
Llyn AONB	11.85	0.00	1.34	1.38	1.94	23.34	50.26	45.73	19.80	0.00	0.00	3.68	0.00	0.00	159.32
Pembrokeshire Coast National Park	36.43	0.82	7.16	0.00	46.55	125.15	224.55	130.36	9.84	0.00	0.00	8.86	18.19	0.00	607.91
Snowdonia National Park	52.36	0.00	7.57	0.05	42.95	123.62	126.14	321.24	894.00	139.12	238.57	160.42	23.37	9.92	2139.33
Wye Valley AONB (Wales)	0.00	0.00	0.03	0.03	25.38	10.37	6.94	28.54	0.00	0.00	44.95	0.00	1.04	0.00	117.28

⁴¹ Other designated landscape areas shown for comparison

Table 9.2 Area statistics (% total land area of designated area) for LMP14 landscape types (highlighting Pembrokeshire Coast National Park) ⁴²

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)
Anglesey AONB	19.52	0.70	1.79	0.17	4.80	29.59	29.84	0.38	6.40	0.00	1.19	2.78	0.00	2.84
Brecon Beacons National Park	0.00	0.00	0.52	0.12	0.49	0.91	4.12	12.57	39.12	0.08	1.20	40.23	0.63	0.00
Clwydian Range and Dee Valley AONB	0.00	0.00	0.68	0.50	1.59	15.58	10.65	19.75	34.26	0.03	4.26	12.66	0.05	0.00
Gower AONB	27.08	0.67	0.62	0.00	4.58	9.90	49.62	7.53	0.00	0.00	0.00	0.00	0.00	0.00
Llyn AONB	7.44	0.00	0.84	0.87	1.22	14.65	31.55	28.70	12.43	0.00	0.00	2.31	0.00	0.00
Pembrokeshire Coast National Park	5.99	0.13	1.18	0.00	7.66	20.59	36.94	21.44	1.62	0.00	0.00	1.46	2.99	0.00
Snowdonia National Park	2.45	0.00	0.35	0.00	2.01	5.78	5.90	15.02	41.79	6.50	11.15	7.50	1.09	0.46
Wye Valley AONB (Wales)	0.00	0.00	0.03	0.03	21.64	8.84	5.92	24.33	0.00	0.00	38.33	0.00	0.89	0.00

⁴² Other designated landscape areas shown for comparison

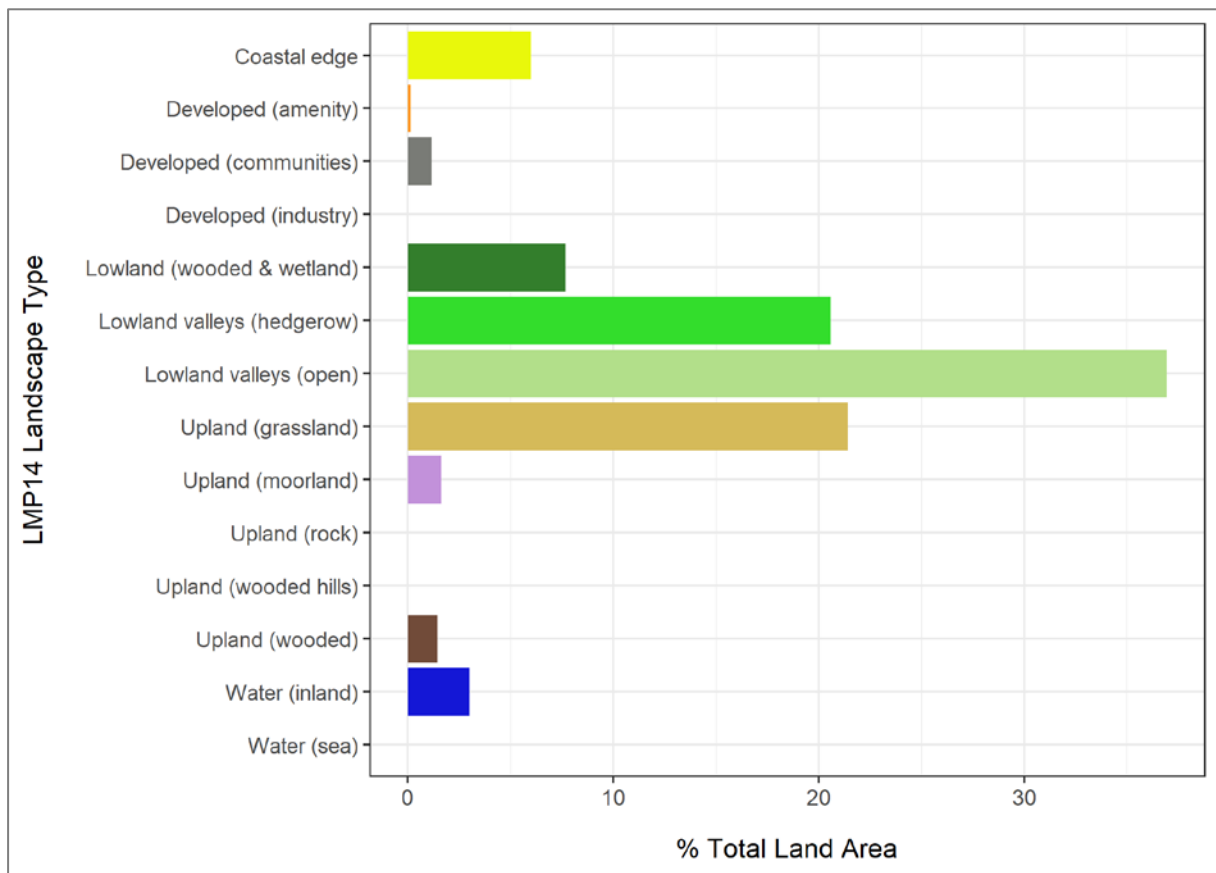


Figure 9.2 Area statistics for LMP14 landscape types (Pembrokeshire Coast National Park)

9.2. Sea Level Rise

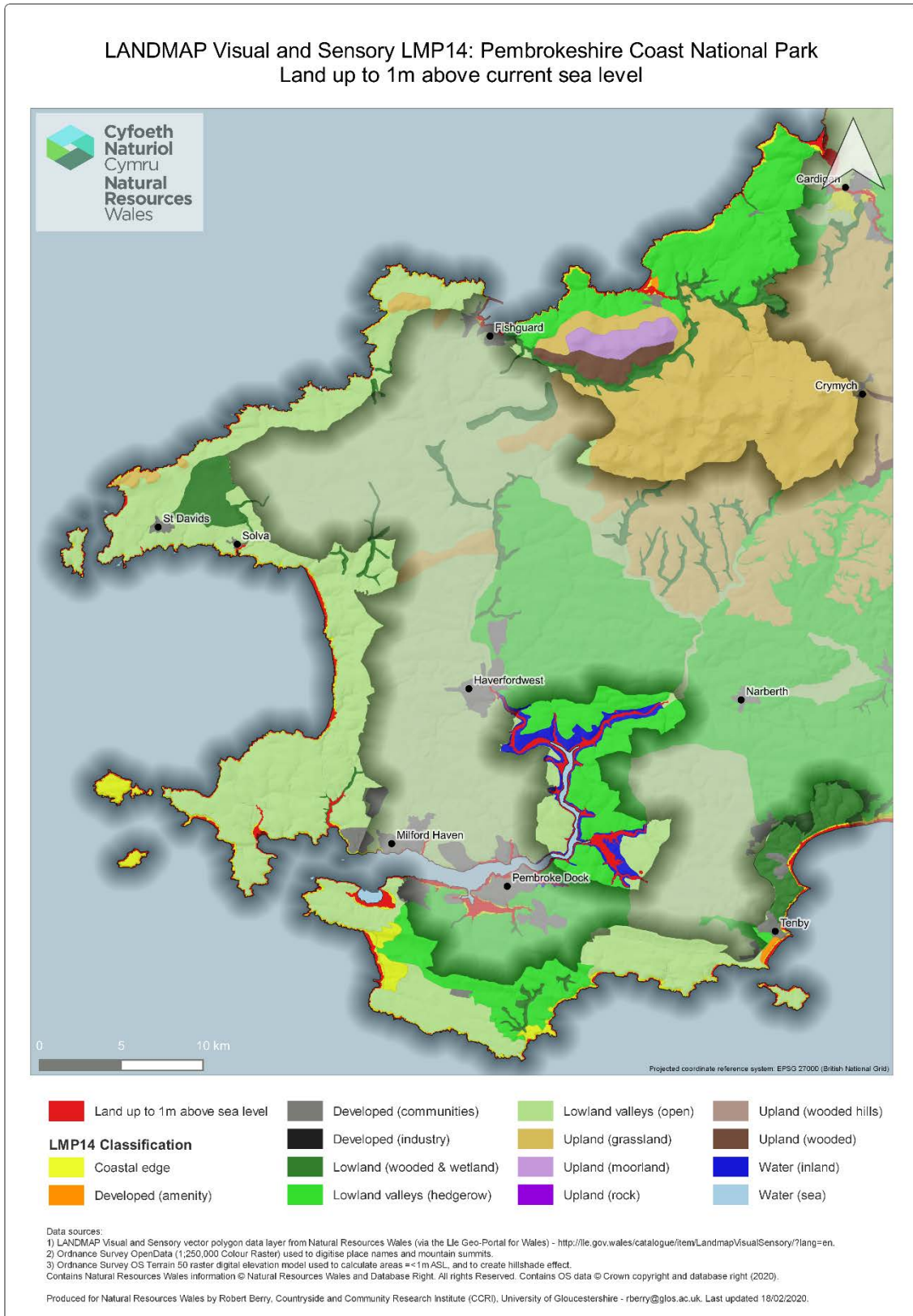


Figure 9.3 LANDMAP LMP14 landscape types with land up to 1m above sea level (Pembrokeshire Coast National Park)

Table 9.3 Land up to 1m above sea level (km²) by LMP14 landscape types (highlighting Pembrokeshire Coast National Park)⁴³

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	Total (km ²)
Anglesey AONB	17.98	0.00	0.02	0.00	0.00	0.25	0.45	0.00	0.01	0.00	0.00	0.00	0.00	3.67	22.38
Brecon Beacons National Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Clwydian Range and Dee Valley AONB	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gower AONB	22.13	0.00	0.00	0.00	7.42	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.59
Llyn AONB	3.71	0.00	0.03	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.75
Pembrokeshire Coast National Park	9.32	0.00	0.00	0.00	0.35	0.19	0.35	0.00	0.00	0.00	0.00	0.00	6.21	0.00	16.42
Snowdonia National Park	4.78	0.00	0.01	0.00	0.34	0.00	1.31	0.04	0.00	0.00	0.00	0.10	0.00	8.71	15.29
Wye Valley AONB (Wales)	0.00	0.00	0.01	0.00	0.33	0.00	0.26	0.00	0.00	0.00	0.00	0.00	0.50	0.00	1.10
Total	57.92	0	0.07	0	8.44	0.44	2.42	0.04	0.01	0	0	0.1	6.71	12.38	88.53

⁴³ Other designated landscape areas shown for comparison

Table 9.4 Land up to 1m above sea level (% area of designated landscape) by LMP14 landscape types (highlighting Pembrokeshire Coast National Park)⁴⁴

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	% Total area of designated area
Anglesey AONB	8.23	0.00	0.01	0.00	0.00	0.11	0.21	0.00	0.00	0.00	0.00	0.00	0.00	1.68	10.24
Brecon Beacons National Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
Clwydian Range and Dee Valley AONB	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
Gower AONB	11.88	0.00	0.00	0.00	3.98	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.88
Llyn AONB	2.33	0.00	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.36
Pembrokeshire Coast National Park	1.53	0.00	0.00	0.00	0.06	0.03	0.06	0.00	0.00	0.00	0.00	0.00	1.02	0.00	2.7
Snowdonia National Park	0.22	0.00	0.00	0.00	0.02	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.71
Wye Valley AONB (Wales)	0.00	0.00	0.01	0.00	0.28	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.43	0.00	0.94

⁴⁴ Other designated landscape areas shown for comparison

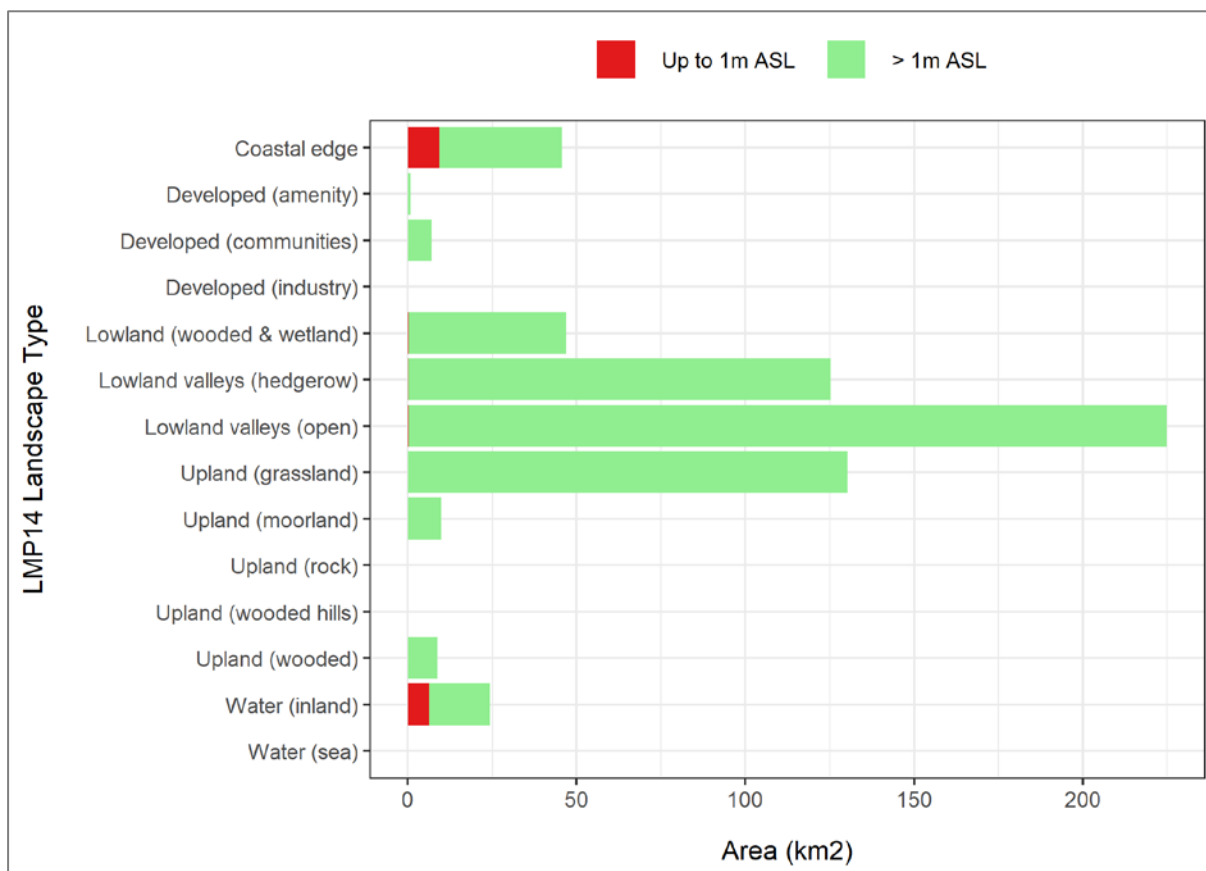


Figure 9.4 Area statistics for LMP14 landscapes up to 1m above sea level (Pembrokeshire Coast National Park)

9.3. River and Sea Flooding: Flood Zone 2

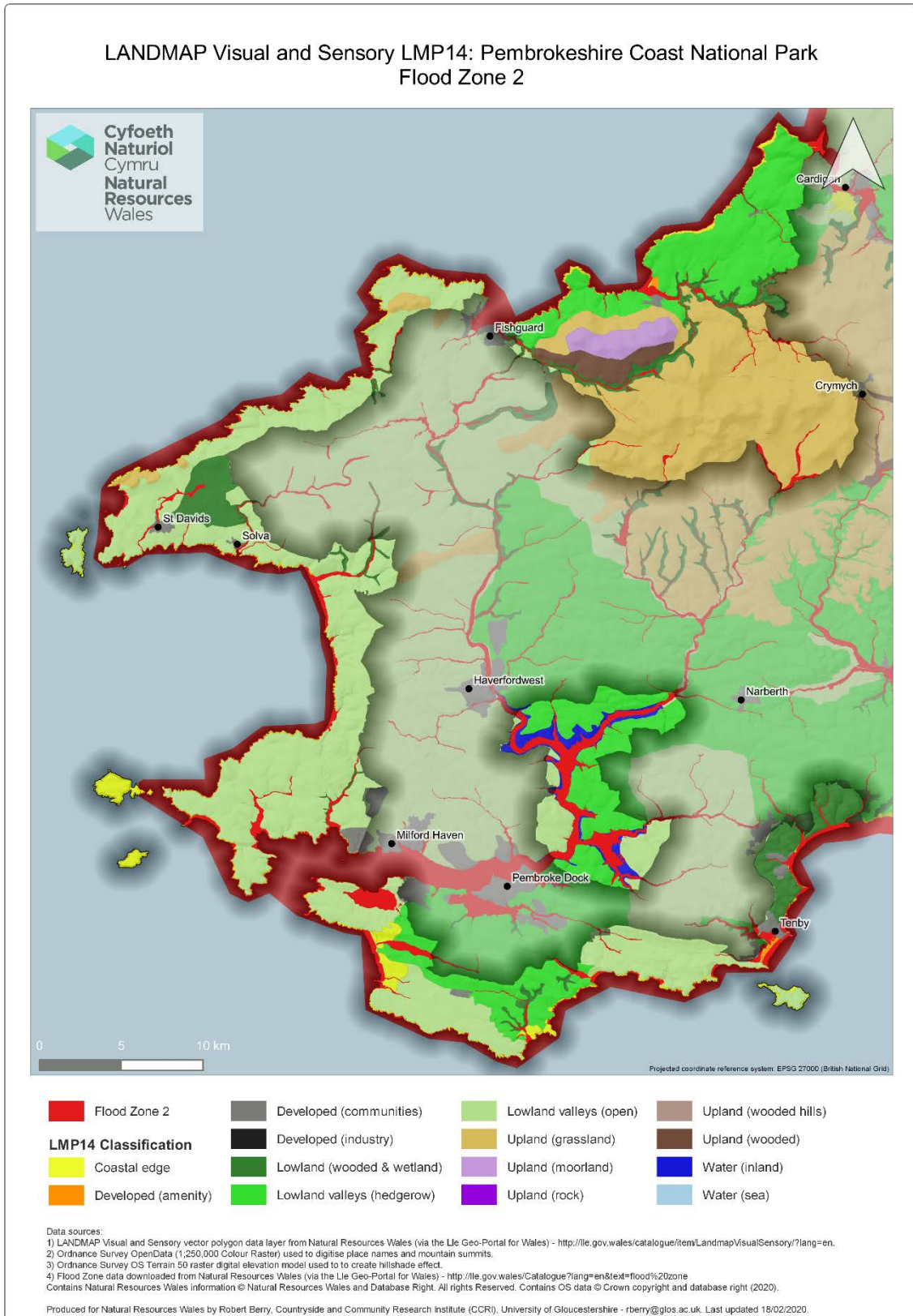


Figure 9.5 LMP14 landscape types with Flood Zone 2 (Pembrokeshire Coast National Park)

Table 9.5 Flood Zone 2 area (km²) by LMP14 landscape types (highlighting Pembrokeshire Coast National Park) ⁴⁵

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	Total (km ²) Flood Zone 2
Anglesey AONB	30.64	0.08	0.39	0.02	0.63	1.95	5.34	0.00	0.01	0.00	0.00	0.30	0.00	5.95	45.31
Brecon Beacons National Park	0.00	0.00	0.82	0.05	0.68	0.36	18.72	6.31	2.70	0.00	0.05	15.37	8.07	0.00	53.13
Clwydian Range and Dee Valley AONB	0.00	0.00	0.26	0.06	0.38	7.00	1.94	0.58	0.15	0.00	0.72	0.37	0.18	0.00	11.64
Gower AONB	32.06	0.00	0.03	0.00	1.32	0.64	2.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.99
Llyn AONB	5.87	0.00	0.05	0.00	0.39	0.20	1.60	0.10	0.00	0.00	0.00	0.00	0.00	0.00	8.21
Pembrokeshire Coast National Park	14.82	0.15	0.34	0.00	3.56	3.44	3.79	2.09	0.00	0.00	0.00	0.00	10.31	0.00	38.50
Snowdonia National Park	30.41	0.00	1.25	0.00	7.68	13.31	28.43	9.80	6.33	0.30	3.13	2.66	13.79	9.84	126.93
Wye Valley AONB (Wales)	0.00	0.00	0.02	0.01	1.50	0.41	2.34	0.23	0.00	0.00	0.14	0.00	1.04	0.00	5.69
Total	113.80	0.23	3.16	0.14	16.14	27.31	65.10	19.11	9.19	0.30	4.04	18.70	33.39	15.79	326.40

⁴⁵ Other designated landscape areas shown for comparison

Table 9.6 Flood Zone 2 area as a % of total area of designated landscape, by LMP14 landscape types (highlighting Pembrokeshire Coast National Park) ⁴⁶

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	% Total area of designated landscape
Anglesey AONB	14.03	0.04	0.18	0.01	0.29	0.89	2.44	0.00	0.00	0.00	0.00	0.14	0.00	2.72	20.74
Brecon Beacons National Park	0.00	0.00	0.06	0.00	0.05	0.03	1.39	0.47	0.20	0.00	0.00	1.14	0.60	0.00	3.94
Clwydian Range and Dee Valley AONB	0.00	0.00	0.07	0.02	0.10	1.80	0.50	0.15	0.04	0.00	0.18	0.10	0.05	0.00	3.01
Gower AONB	17.21	0.00	0.02	0.00	0.71	0.34	1.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.86
Llyn AONB	3.68	0.00	0.03	0.00	0.24	0.13	1.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	5.14
Pembrokeshire Coast National Park	2.44	0.02	0.06	0.00	0.59	0.57	0.62	0.34	0.00	0.00	0.00	0.00	1.70	0.00	6.34
Snowdonia National Park	1.42	0.00	0.06	0.00	0.36	0.62	1.33	0.46	0.30	0.01	0.15	0.12	0.64	0.46	5.93
Wye Valley AONB (Wales)	0.00	0.00	0.02	0.01	1.28	0.35	2.00	0.20	0.00	0.00	0.12	0.00	0.89	0.00	4.87

⁴⁶ Other designated landscape areas shown for comparison

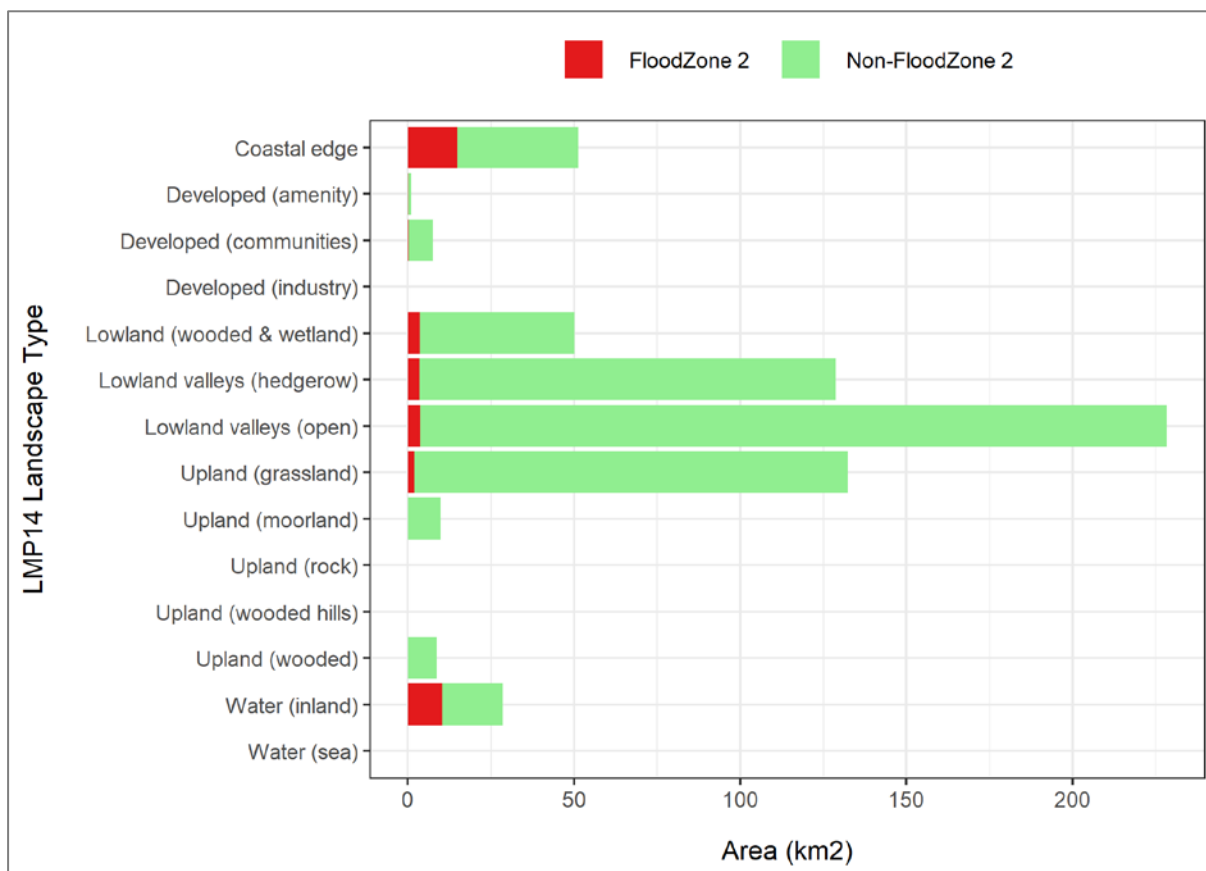


Figure 9.6 Flood Zone 2 area (km²) by LMP14 landscape type (Pembrokeshire Coast National Park)

9.4. River and Sea Flooding: Flood Zone 3

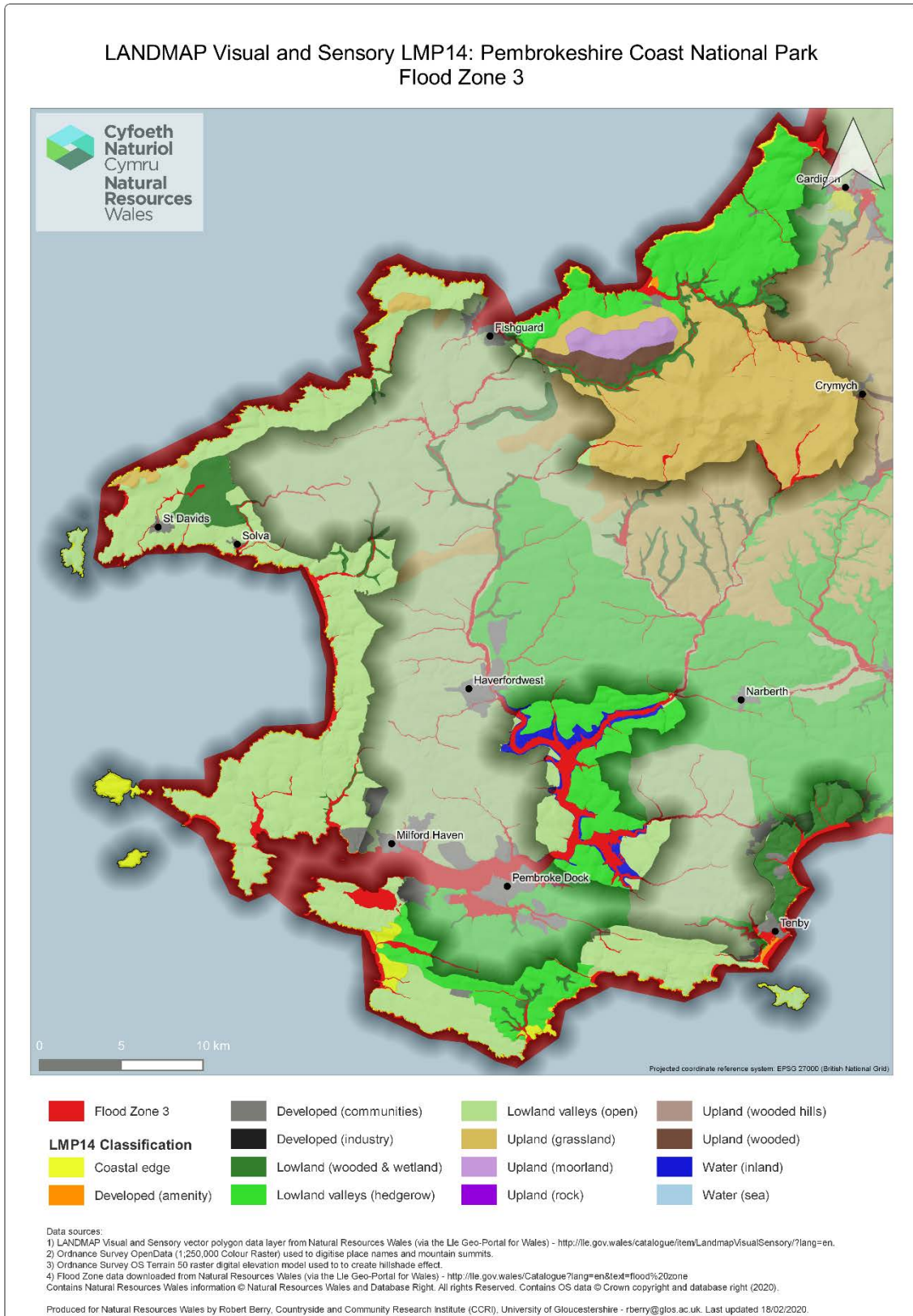


Figure 9.7 LMP14 landscape types with Flood Zone 3 (Pembrokeshire Coast National Park)

Table 9.7 Flood Zone 3 area (km²) by LMP14 landscape types (highlighting Pembrokeshire Coast National Park) ⁴⁷

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	Total (km ²) Flood Zone 3
Anglesey AONB	30.34	0.07	0.34	0.02	0.51	1.73	4.63	0.00	0.01	0.00	0.00	0.25	0.00	5.93	43.83
Brecon Beacons National Park	0.00	0.00	0.61	0.05	0.57	0.25	16.58	5.04	2.33	0.00	0.04	12.69	7.80	0.00	45.96
Clwydian Range and Dee Valley AONB	0.00	0.00	0.14	0.04	0.32	5.76	1.75	0.51	0.13	0.00	0.63	0.30	0.17	0.00	9.75
Gower AONB	31.48	0.00	0.02	0.00	1.23	0.44	2.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.29
Llyn AONB	5.76	0.00	0.04	0.00	0.33	0.17	1.41	0.08	0.00	0.00	0.00	0.00	0.00	0.00	7.79
Pembrokeshire Coast National Park	14.54	0.13	0.28	0.00	2.96	2.41	3.09	1.73	0.00	0.00	0.00	0.00	10.09	0.00	35.23
Snowdonia National Park	28.37	0.00	1.10	0.00	6.73	11.41	26.33	8.80	5.61	0.22	2.80	2.35	13.52	9.81	117.05
Wye Valley AONB (Wales)	0.00	0.00	0.01	0.01	1.17	0.39	1.85	0.21	0.00	0.00	0.12	0.00	1.04	0.00	4.80
Total	110.49	0.20	2.54	0.12	13.82	22.56	57.76	16.37	8.08	0.22	3.59	15.59	32.62	15.74	299.70

⁴⁷ Other designated landscape areas shown for comparison

Table 9.8 Flood Zone 3 area as a % of total area of designated landscape, by LMP14 landscape types (highlighting Pembrokeshire Coast National Park)⁴⁸

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	% Total area of designated landscape
Anglesey AONB	13.89	0.03	0.16	0.01	0.23	0.79	2.12	0.00	0.00	0.00	0.00	0.11	0.00	2.71	20.05
Brecon Beacons National Park	0.00	0.00	0.05	0.00	0.04	0.02	1.23	0.37	0.17	0.00	0.00	0.94	0.58	0.00	3.40
Clwydian Range and Dee Valley AONB	0.00	0.00	0.04	0.01	0.08	1.48	0.45	0.13	0.03	0.00	0.16	0.08	0.04	0.00	2.50
Gower AONB	16.90	0.00	0.01	0.00	0.66	0.24	1.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.95
Llyn AONB	3.62	0.00	0.03	0.00	0.21	0.11	0.89	0.05	0.00	0.00	0.00	0.00	0.00	0.00	4.91
Pembrokeshire Coast National Park	2.39	0.02	0.05	0.00	0.49	0.40	0.51	0.28	0.00	0.00	0.00	0.00	1.66	0.00	5.80
Snowdonia National Park	1.33	0.00	0.05	0.00	0.31	0.53	1.23	0.41	0.26	0.01	0.13	0.11	0.63	0.46	5.46
Wye Valley AONB (Wales)	0.00	0.00	0.01	0.01	1.00	0.33	1.58	0.18	0.00	0.00	0.10	0.00	0.89	0.00	4.10

⁴⁸ Other designated landscape areas shown for comparison

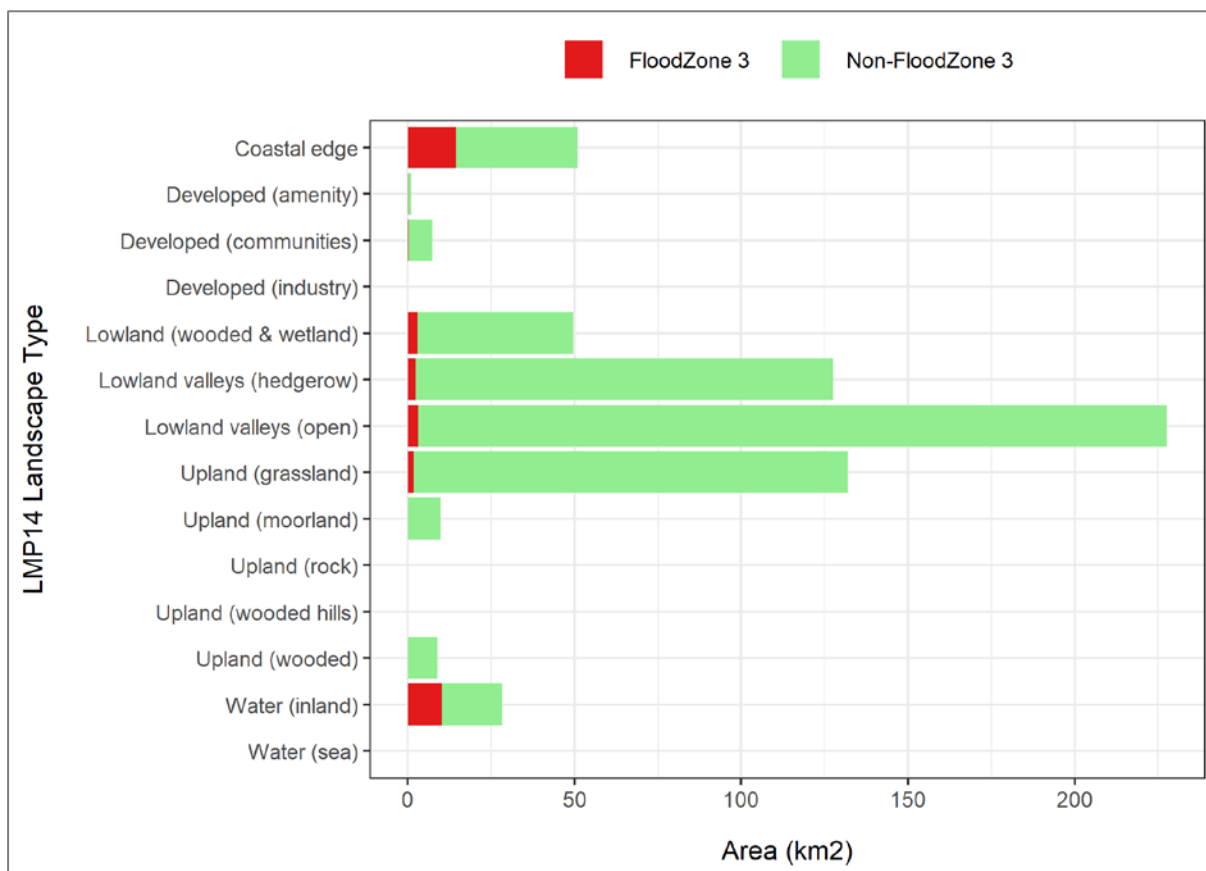


Figure 9.8 Flood Zone 3 area (km²) by LMP14 landscape type (Pembrokeshire Coast National Park)

9.5. Boundary Type

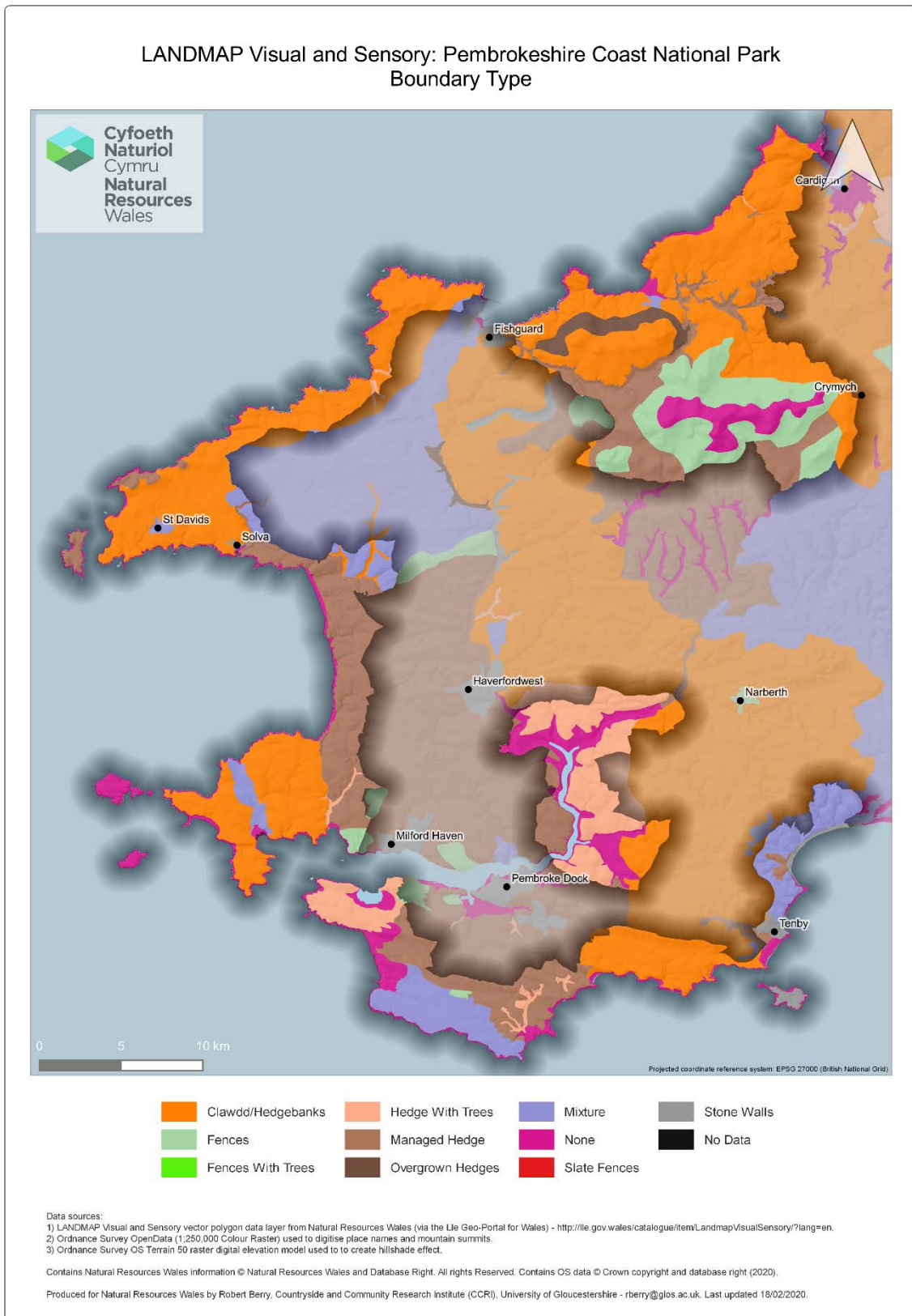


Figure 9.9 Predominant boundary type (Pembrokeshire Coast National Park)

Table 9.9 Boundary type area (km²) by LMP14 landscape (Pembrokeshire Coast National Park)

	Clawdd/ Hedge- banks	Fences	Fences with Trees	Hedge with Trees	Managed Hedge	Mixture	No Data	None	Overgrown Hedges	Slate Fences	Stone Walls	Total (km ²)
Coastal edge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.02	0.00	0.00	1.41	36.43
Developed (amenity)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.82	0.00	0.00	0.00	0.82
Developed (communities)	0.02	2.14	0.00	0.00	1.38	1.68	0.00	0.00	0.00	0.00	1.94	7.16
Developed (industry)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lowland (wooded & wetland)	13.61	0.00	0.00	3.82	13.80	15.32	0.00	0.00	0.00	0.00	0.00	46.55
Lowland valleys	66.53	0.00	0.00	32.94	25.68	0.00	0.00	0.00	0.00	0.00	0.00	125.15
Lowland valleys (open)	127.17	0.00	0.00	10.63	51.77	33.36	0.00	0.00	0.00	0.00	1.62	224.55
Upland (grassland)	31.53	47.94	0.00	0.00	27.26	0.00	0.00	14.31	9.33	0.00	0.00	130.37
Upland (moorland)	9.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.84
Upland (rock)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Upland (wooded hills)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Upland (wooded)	8.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.86
Water (inland)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.19	0.00	0.00	0.00	18.19
Water (sea)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	257.56	50.08	0.00	47.39	119.89	50.36	0.00	68.34	9.33	0.00	4.97	607.92

Table 9.10 Boundary type area (% of designated landscape area) by LMP14 landscape (Pembrokeshire Coast National Park)

	Clawdd/ Hedge- banks	Fences	Fences with Trees	Hedge with Trees	Managed Hedge	Mixture	No Data	None	Overgrown Hedges	Slate Fences	Stone Walls	% total area
Coastal edge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.76	0.00	0.00	0.23	5.99
Developed (amenity)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.13
Developed (communities)	0.00	0.35	0.00	0.00	0.23	0.28	0.00	0.00	0.00	0.00	0.32	1.18
Developed (industry)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lowland (wooded & wetland)	2.24	0.00	0.00	0.63	2.27	2.52	0.00	0.00	0.00	0.00	0.00	7.66
Lowland valleys	10.94	0.00	0.00	5.42	4.22	0.00	0.00	0.00	0.00	0.00	0.00	20.58
Lowland valleys (open)	20.92	0.00	0.00	1.75	8.52	5.49	0.00	0.00	0.00	0.00	0.27	36.95
Upland (grassland)	5.19	7.89	0.00	0.00	4.48	0.00	0.00	2.35	1.53	0.00	0.00	21.44
Upland (moorland)	1.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.62
Upland (rock)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Upland (wooded hills)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Upland (wooded)	1.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.46
Water (inland)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.99	0.00	0.00	0.00	2.99
Water (sea)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

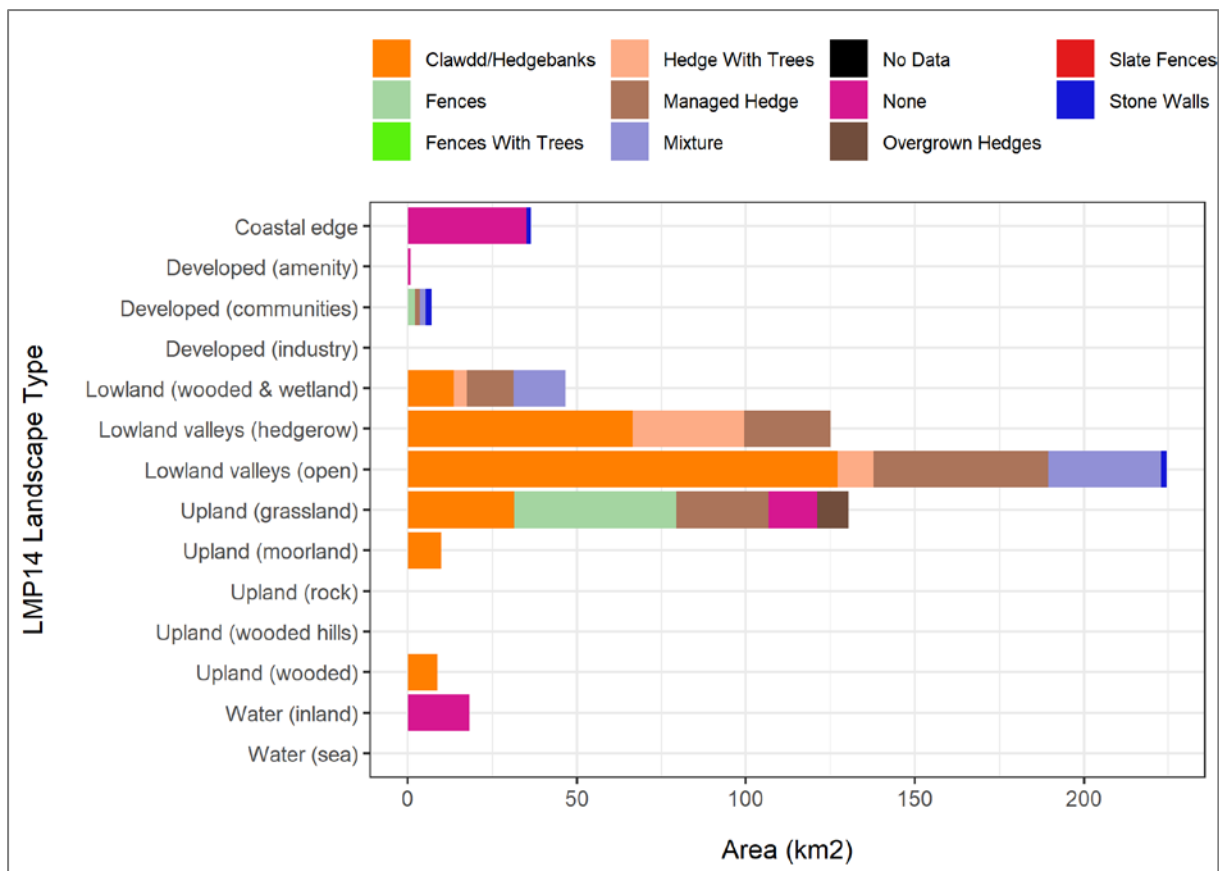


Figure 9.10 Boundary type (km²) by LMP14 landscape (Pembrokeshire Coast National Park)

9.6. Overall Evaluation

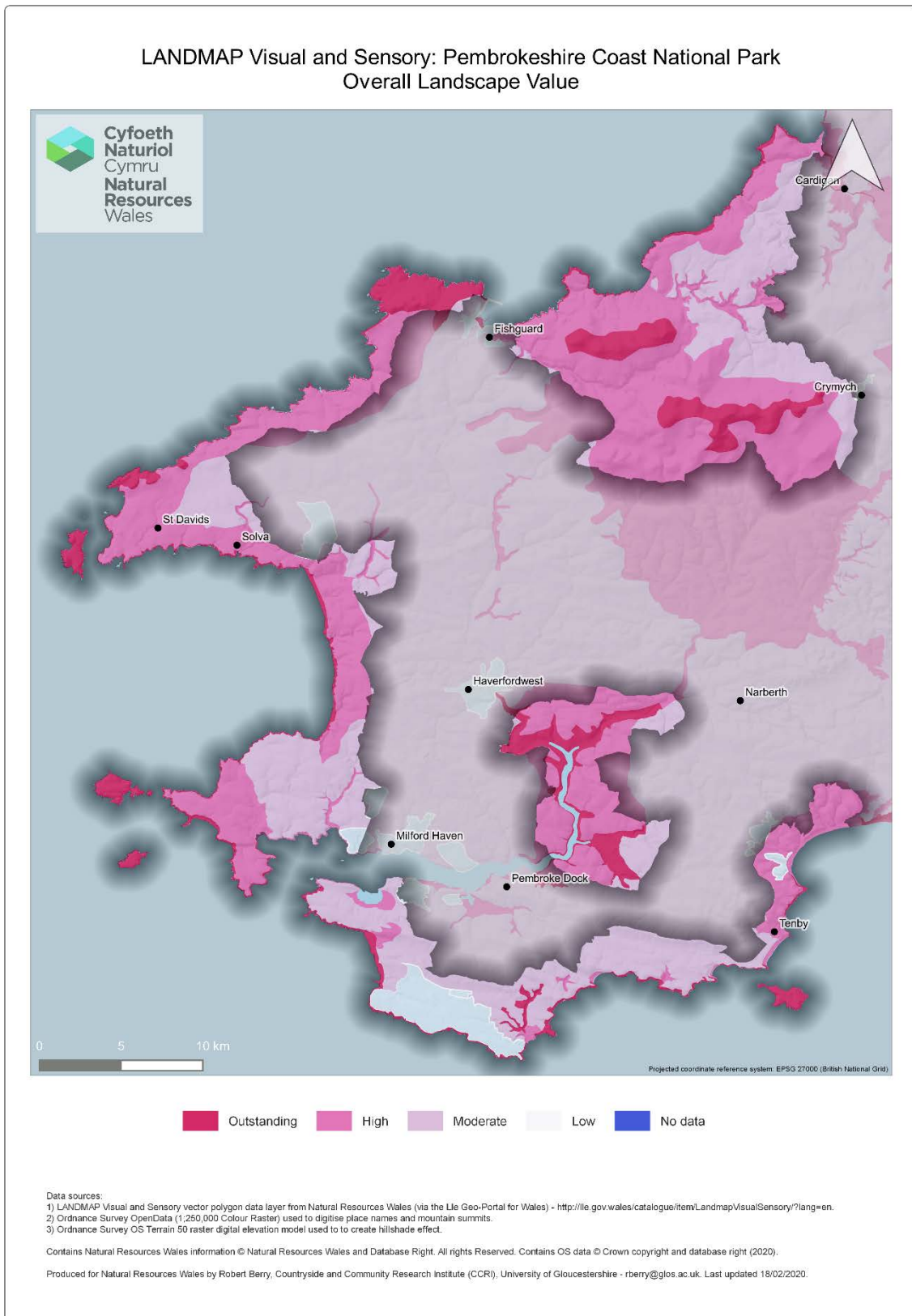


Figure 9.11 Overall landscape evaluation (Pembrokeshire Coast National Park)

Table 9.11 Overall landscape evaluation (km²) by LMP14 landscape (Pembrokeshire Coast National Park)

	Outstanding	High	Moderate	Low	No Data	Total km2
Coastal edge	25.00	9.10	2.33	0.00	0.00	36.43
Developed (amenity)	0.00	0.00	0.82	0.00	0.00	0.82
Developed (communities)	0.00	3.62	0.16	3.38	0.00	7.16
Developed (industry)	0.00	0.00	0.00	0.00	0.00	0.00
Lowland (wooded & wetland)	1.85	32.61	12.09	0.00	0.00	46.55
Lowland valleys (hedgerow)	0.00	66.89	58.26	0.00	0.00	125.15
Lowland valleys (open)	12.26	102.01	90.47	19.81	0.00	224.55
Upland (grassland)	18.67	82.52	29.18	0.00	0.00	130.37
Upland (moorland)	9.84	0.00	0.00	0.00	0.00	9.84
Upland (rock)	0.00	0.00	0.00	0.00	0.00	0.00
Upland (wooded hills)	0.00	0.00	0.00	0.00	0.00	0.00
Upland (wooded)	0.00	8.86	0.00	0.00	0.00	8.86
Water (inland)	18.19	0.00	0.00	0.00	0.00	18.19
Water (sea)	0.00	0.00	0.00	0.00	0.00	0.00
Total	85.81	305.61	193.31	23.19	0.00	607.92

Table 9.12 Overall landscape evaluation (% of designated landscape area) by LMP14 landscape (Pembrokeshire Coast National Park)

	Outstanding	High	Moderate	Low	No Data	% total area
Coastal edge	4.11	1.50	0.38	0.00	0.00	5.99
Developed (amenity)	0.00	0.00	0.13	0.00	0.00	0.13
Developed (communities)	0.00	0.60	0.03	0.56	0.00	1.19
Developed (industry)	0.00	0.00	0.00	0.00	0.00	0.00
Lowland (wooded & wetland)	0.30	5.36	1.99	0.00	0.00	7.65
Lowland valleys (hedgerow)	0.00	11.00	9.58	0.00	0.00	20.58
Lowland valleys (open)	2.02	16.78	14.88	3.26	0.00	36.94
Upland (grassland)	3.07	13.57	4.80	0.00	0.00	21.44
Upland (moorland)	1.62	0.00	0.00	0.00	0.00	1.62
Upland (rock)	0.00	0.00	0.00	0.00	0.00	0.00
Upland (wooded hills)	0.00	0.00	0.00	0.00	0.00	0.00
Upland (wooded)	0.00	1.46	0.00	0.00	0.00	1.46
Water (inland)	2.99	0.00	0.00	0.00	0.00	2.99
Water (sea)	0.00	0.00	0.00	0.00	0.00	0.00

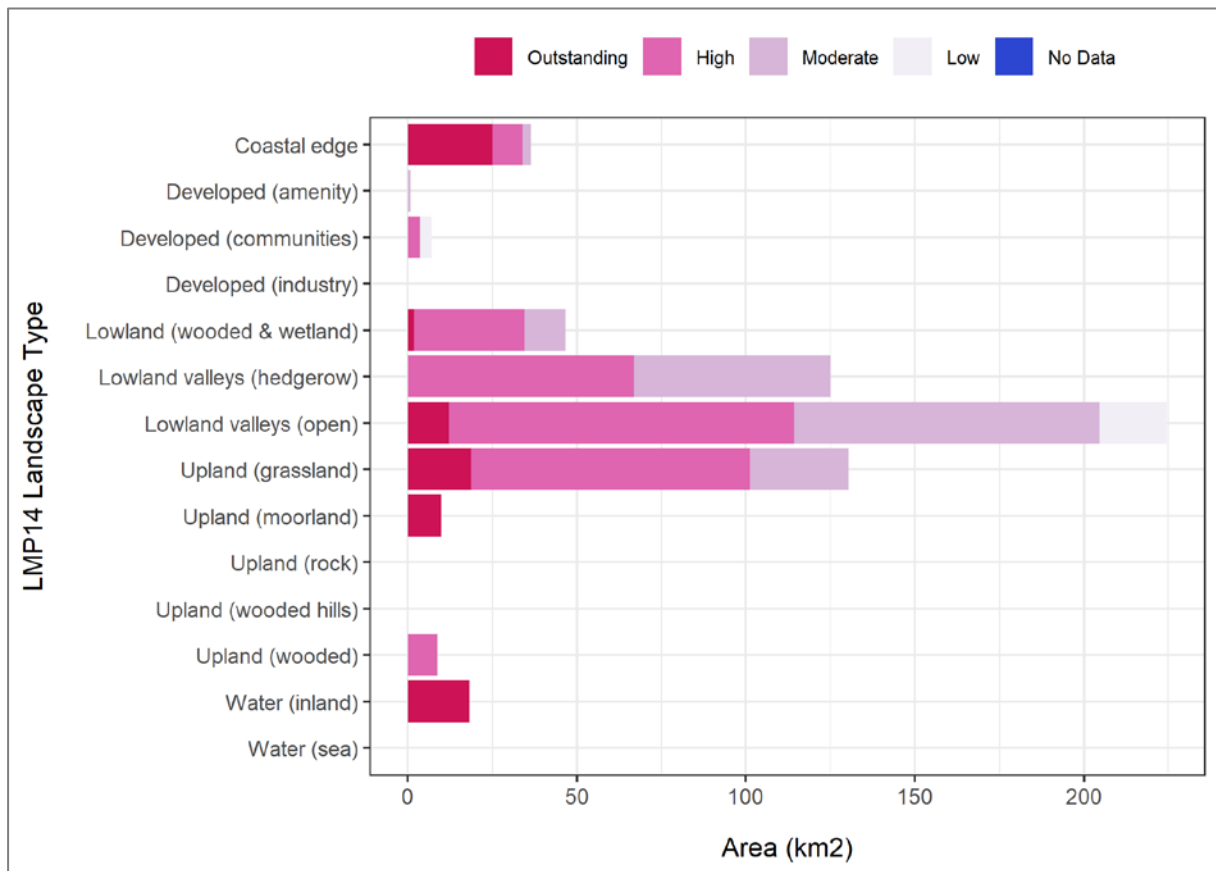


Figure 4.10 Overall evaluation (km²) by LMP14 landscape (Pembrokeshire Coast National Park)

10. Maps and Statistics: Snowdonia National Park

10.1. LMP14 Landscape Types

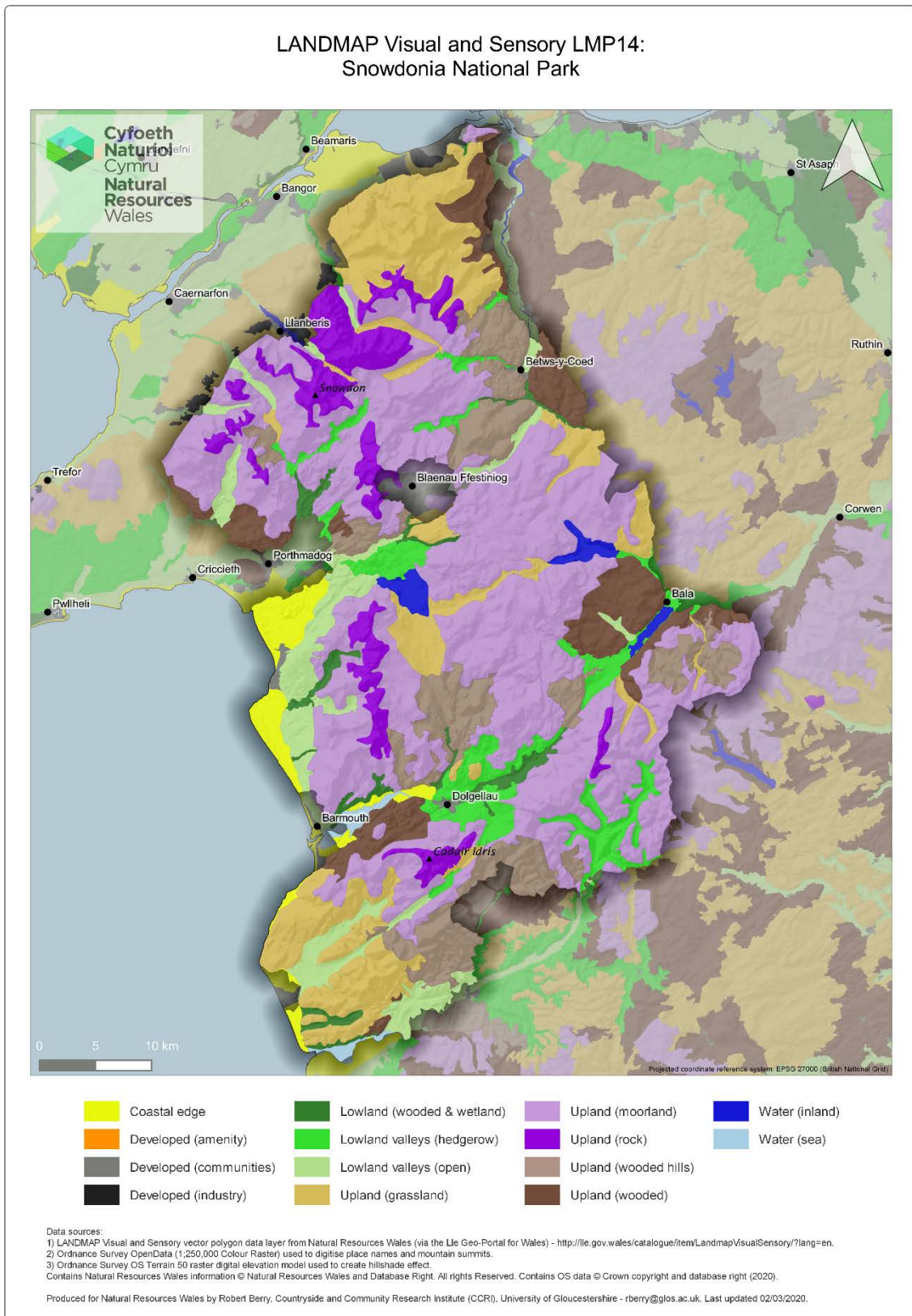


Figure 10.1 LANDMAP LMP14 landscape types for Snowdonia National Park

Table 10.1 Area statistics (km²) for LMP14 landscape types (highlighting Snowdonia National Park)⁴⁹

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	Total (km ²)
Anglesey AONB	42.64	1.52	3.91	0.37	10.48	64.64	65.19	0.83	13.98	0.00	2.60	6.08	0.00	6.21	218.45
Brecon Beacons National Park	0.00	0.00	7.02	1.63	6.65	12.24	55.59	169.71	528.22	1.14	16.23	543.20	8.55	0.00	1350.18
Clwydian Range and Dee Valley AONB	0.00	0.01	2.64	1.96	6.19	60.63	41.46	76.88	133.35	0.10	16.59	49.27	0.18	0.00	389.26
Gower AONB	50.45	1.25	1.16	0.00	8.53	18.44	92.45	14.03	0.00	0.00	0.00	0.00	0.00	0.00	186.31
Llyn AONB	11.85	0.00	1.34	1.38	1.94	23.34	50.26	45.73	19.80	0.00	0.00	3.68	0.00	0.00	159.32
Pembrokeshire Coast National Park	36.43	0.82	7.16	0.00	46.55	125.15	224.55	130.36	9.84	0.00	0.00	8.86	18.19	0.00	607.91
Snowdonia National Park	52.36	0.00	7.57	0.05	42.95	123.62	126.14	321.24	894.00	139.12	238.57	160.42	23.37	9.92	2139.33
Wye Valley AONB (Wales)	0.00	0.00	0.03	0.03	25.38	10.37	6.94	28.54	0.00	0.00	44.95	0.00	1.04	0.00	117.28

⁴⁹ Other designated landscape areas shown for comparison

Table 10.2 Area statistics (% total land area of designated area) for LMP14 landscape types (highlighting Snowdonia National Park) ⁵⁰

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)
Anglesey AONB	19.52	0.70	1.79	0.17	4.80	29.59	29.84	0.38	6.40	0.00	1.19	2.78	0.00	2.84
Brecon Beacons National Park	0.00	0.00	0.52	0.12	0.49	0.91	4.12	12.57	39.12	0.08	1.20	40.23	0.63	0.00
Clwydian Range and Dee Valley AONB	0.00	0.00	0.68	0.50	1.59	15.58	10.65	19.75	34.26	0.03	4.26	12.66	0.05	0.00
Gower AONB	27.08	0.67	0.62	0.00	4.58	9.90	49.62	7.53	0.00	0.00	0.00	0.00	0.00	0.00
Llyn AONB	7.44	0.00	0.84	0.87	1.22	14.65	31.55	28.70	12.43	0.00	0.00	2.31	0.00	0.00
Pembrokeshire Coast National Park	5.99	0.13	1.18	0.00	7.66	20.59	36.94	21.44	1.62	0.00	0.00	1.46	2.99	0.00
Snowdonia National Park	2.45	0.00	0.35	0.00	2.01	5.78	5.90	15.02	41.79	6.50	11.15	7.50	1.09	0.46
Wye Valley AONB (Wales)	0.00	0.00	0.03	0.03	21.64	8.84	5.92	24.33	0.00	0.00	38.33	0.00	0.89	0.00

⁵⁰ Other designated landscape areas shown for comparison

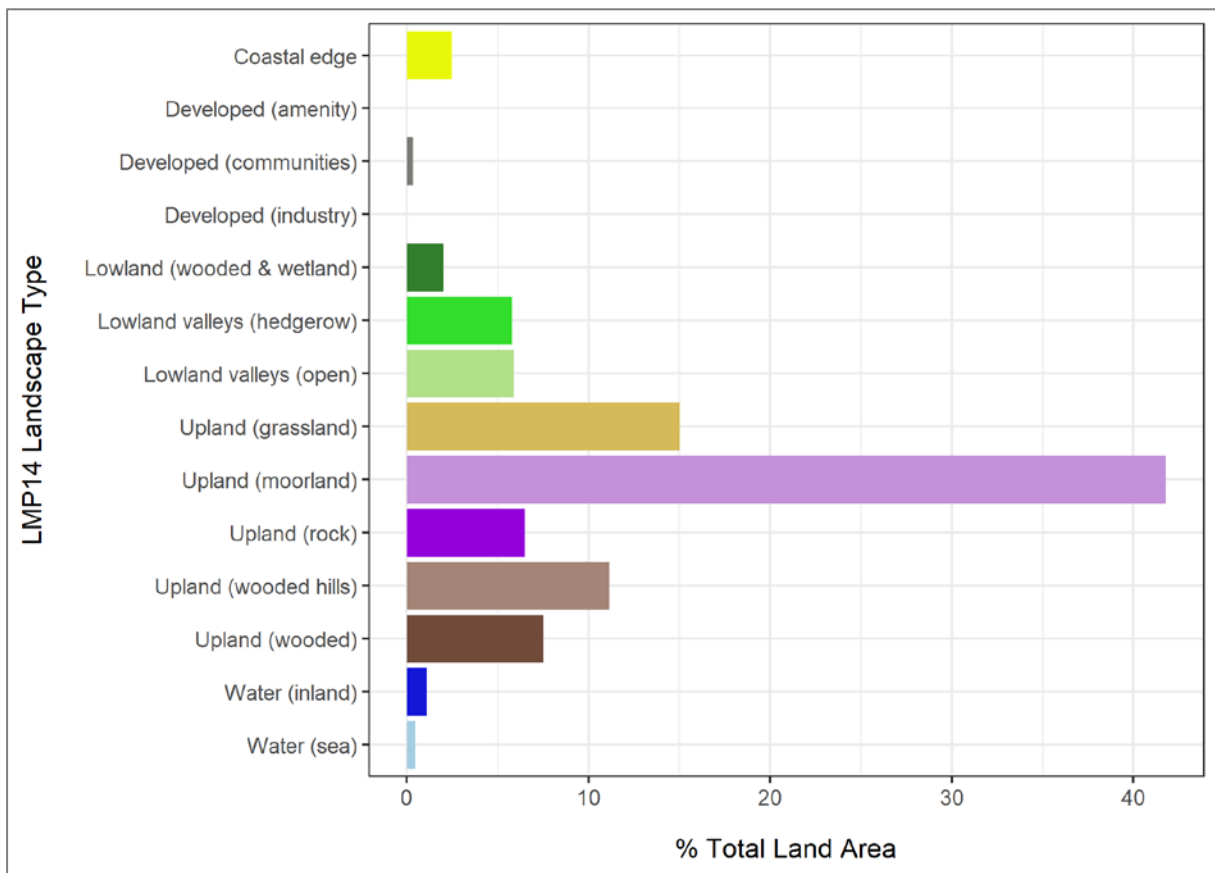


Figure 10.2 Area statistics for LMP14 landscape types (Snowdonia National Park)

10.2. Sea Level Rise

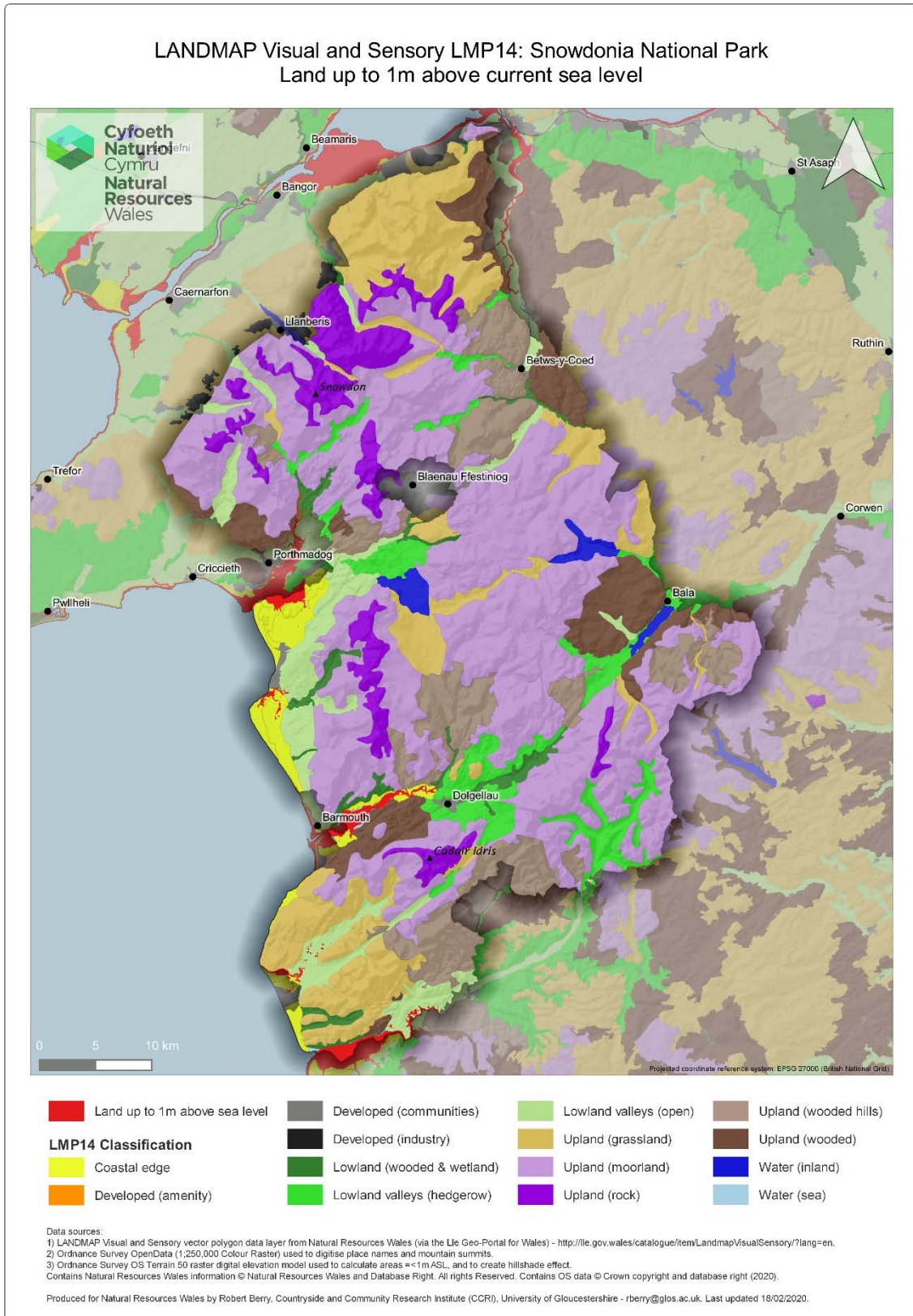


Figure 10.3 LANDMAP LMP14 landscape types with land up to 1m above sea level (Snowdonia National Park)

Table 10.3 Land up to 1m above sea level (km²) by LMP14 landscape types (highlighting Snowdonia National Park)⁵¹

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	Total (km ²)
Anglesey AONB	17.98	0.00	0.02	0.00	0.00	0.25	0.45	0.00	0.01	0.00	0.00	0.00	0.00	3.67	22.38
Brecon Beacons National Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Clwydian Range and Dee Valley AONB	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gower AONB	22.13	0.00	0.00	0.00	7.42	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.59
Llyn AONB	3.71	0.00	0.03	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.75
Pembrokeshire Coast National Park	9.32	0.00	0.00	0.00	0.35	0.19	0.35	0.00	0.00	0.00	0.00	0.00	6.21	0.00	16.42
Snowdonia National Park	4.78	0.00	0.01	0.00	0.34	0.00	1.31	0.04	0.00	0.00	0.00	0.10	0.00	8.71	15.29
Wye Valley AONB (Wales)	0.00	0.00	0.01	0.00	0.33	0.00	0.26	0.00	0.00	0.00	0.00	0.00	0.50	0.00	1.10
Total	57.92	0	0.07	0	8.44	0.44	2.42	0.04	0.01	0	0	0.1	6.71	12.38	88.53

⁵¹ Other designated landscape areas shown for comparison

Table 10.4 Land up to 1m above sea level (% area of designated landscape) by LMP14 landscape types (highlighting Snowdonia National Park)⁵²

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	% Total area of designated area
Anglesey AONB	8.23	0.00	0.01	0.00	0.00	0.11	0.21	0.00	0.00	0.00	0.00	0.00	0.00	1.68	10.24
Brecon Beacons National Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
Clwydian Range and Dee Valley AONB	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
Gower AONB	11.88	0.00	0.00	0.00	3.98	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.88
Llyn AONB	2.33	0.00	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.36
Pembrokeshire Coast National Park	1.53	0.00	0.00	0.00	0.06	0.03	0.06	0.00	0.00	0.00	0.00	0.00	1.02	0.00	2.7
Snowdonia National Park	0.22	0.00	0.00	0.00	0.02	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.71
Wye Valley AONB (Wales)	0.00	0.00	0.01	0.00	0.28	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.43	0.00	0.94

⁵² Other designated landscape areas shown for comparison

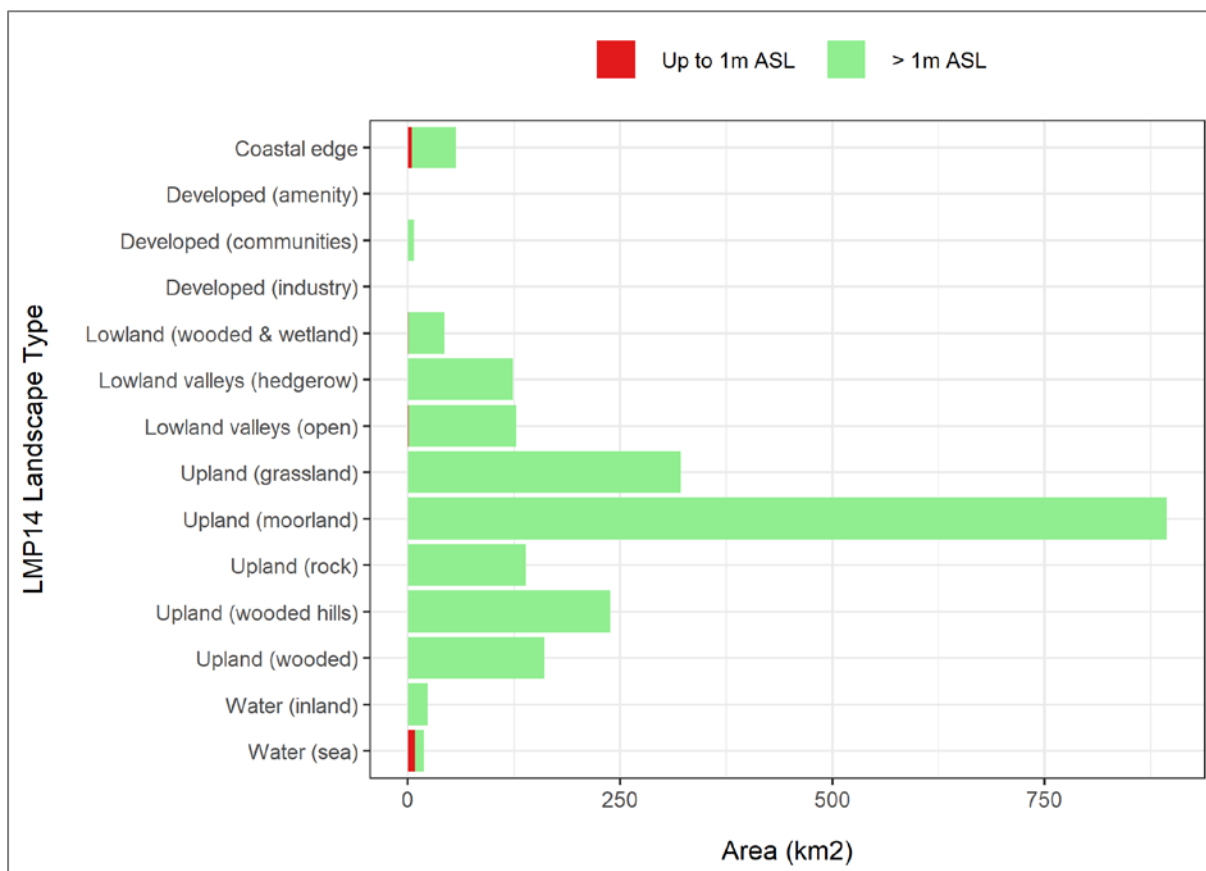


Figure 10.4 Area statistics for LMP14 landscapes up to 1m above sea level (Snowdonia National Park)

10.3. River and Sea Flooding: Flood Zone 2

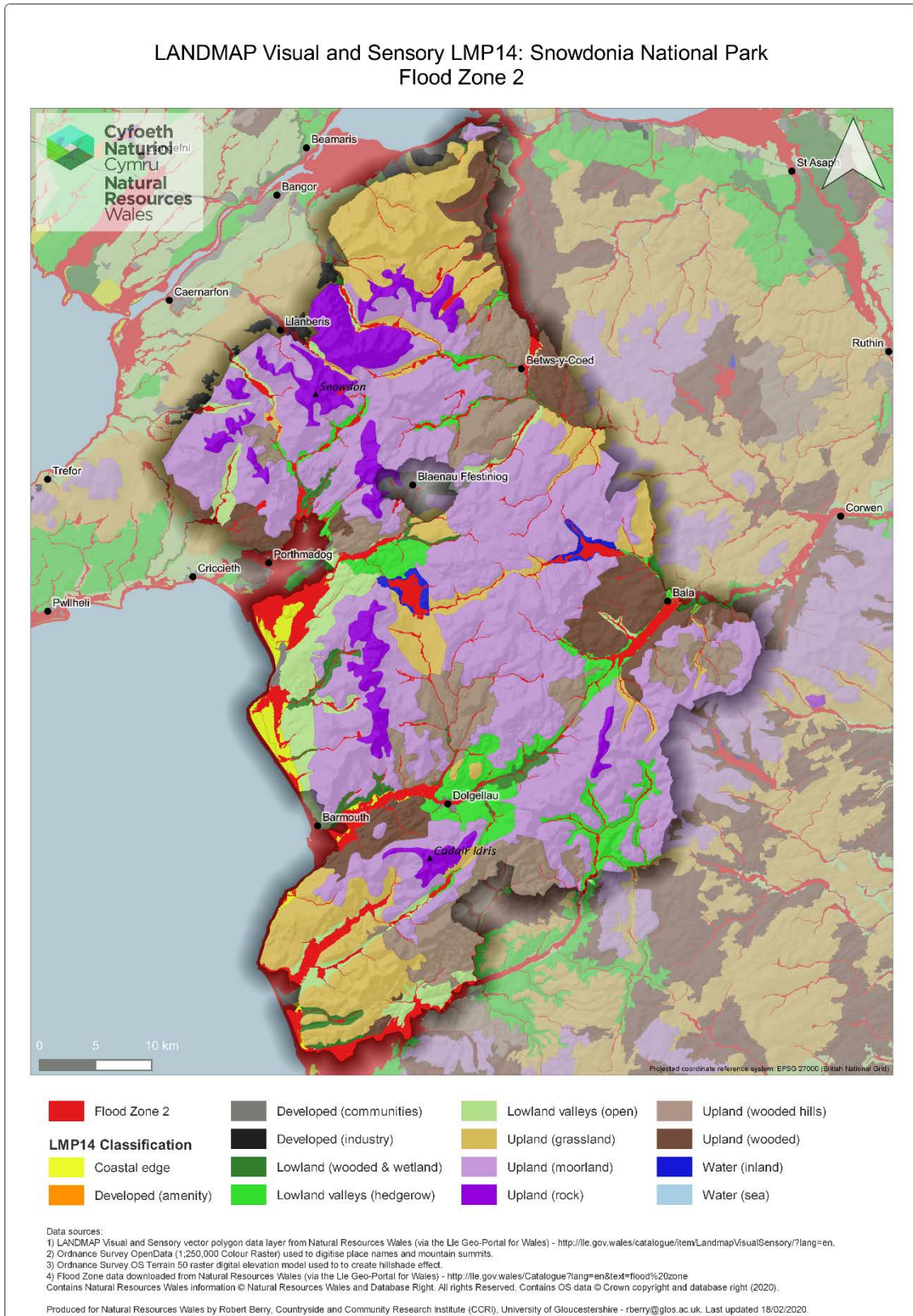


Figure 10.5 LMP14 landscape types with Flood Zone 2 (Snowdonia National Park)

Table 10.5 Flood Zone 2 area (km²) by LMP14 landscape types (highlighting Snowdonia National Park)⁵³

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	Total (km ²) Flood Zone 2
Anglesey AONB	30.64	0.08	0.39	0.02	0.63	1.95	5.34	0.00	0.01	0.00	0.00	0.30	0.00	5.95	45.31
Brecon Beacons National Park	0.00	0.00	0.82	0.05	0.68	0.36	18.72	6.31	2.70	0.00	0.05	15.37	8.07	0.00	53.13
Clwydian Range and Dee Valley AONB	0.00	0.00	0.26	0.06	0.38	7.00	1.94	0.58	0.15	0.00	0.72	0.37	0.18	0.00	11.64
Gower AONB	32.06	0.00	0.03	0.00	1.32	0.64	2.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.99
Llyn AONB	5.87	0.00	0.05	0.00	0.39	0.20	1.60	0.10	0.00	0.00	0.00	0.00	0.00	0.00	8.21
Pembrokeshire Coast National Park	14.82	0.15	0.34	0.00	3.56	3.44	3.79	2.09	0.00	0.00	0.00	0.00	10.31	0.00	38.50
Snowdonia National Park	30.41	0.00	1.25	0.00	7.68	13.31	28.43	9.80	6.33	0.30	3.13	2.66	13.79	9.84	126.93
Wye Valley AONB (Wales)	0.00	0.00	0.02	0.01	1.50	0.41	2.34	0.23	0.00	0.00	0.14	0.00	1.04	0.00	5.69
Total	113.80	0.23	3.16	0.14	16.14	27.31	65.10	19.11	9.19	0.30	4.04	18.70	33.39	15.79	326.40

⁵³ Other designated landscape areas shown for comparison

Table 10.6 Flood Zone 2 area as a % of total area of designated landscape, by LMP14 landscape types (highlighting Snowdonia National Park)

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	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	% Total area of designated landscape
Anglesey AONB	14.03	0.04	0.18	0.01	0.29	0.89	2.44	0.00	0.00	0.00	0.00	0.14	0.00	2.72	20.74
Brecon Beacons National Park	0.00	0.00	0.06	0.00	0.05	0.03	1.39	0.47	0.20	0.00	0.00	1.14	0.60	0.00	3.94
Clwydian Range and Dee Valley AONB	0.00	0.00	0.07	0.02	0.10	1.80	0.50	0.15	0.04	0.00	0.18	0.10	0.05	0.00	3.01
Gower AONB	17.21	0.00	0.02	0.00	0.71	0.34	1.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.86
Llyn AONB	3.68	0.00	0.03	0.00	0.24	0.13	1.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	5.14
Pembrokeshire Coast National Park	2.44	0.02	0.06	0.00	0.59	0.57	0.62	0.34	0.00	0.00	0.00	0.00	1.70	0.00	6.34
Snowdonia National Park	1.42	0.00	0.06	0.00	0.36	0.62	1.33	0.46	0.30	0.01	0.15	0.12	0.64	0.46	5.93
Wye Valley AONB (Wales)	0.00	0.00	0.02	0.01	1.28	0.35	2.00	0.20	0.00	0.00	0.12	0.00	0.89	0.00	4.87

⁵⁴ Other designated landscape areas shown for comparison

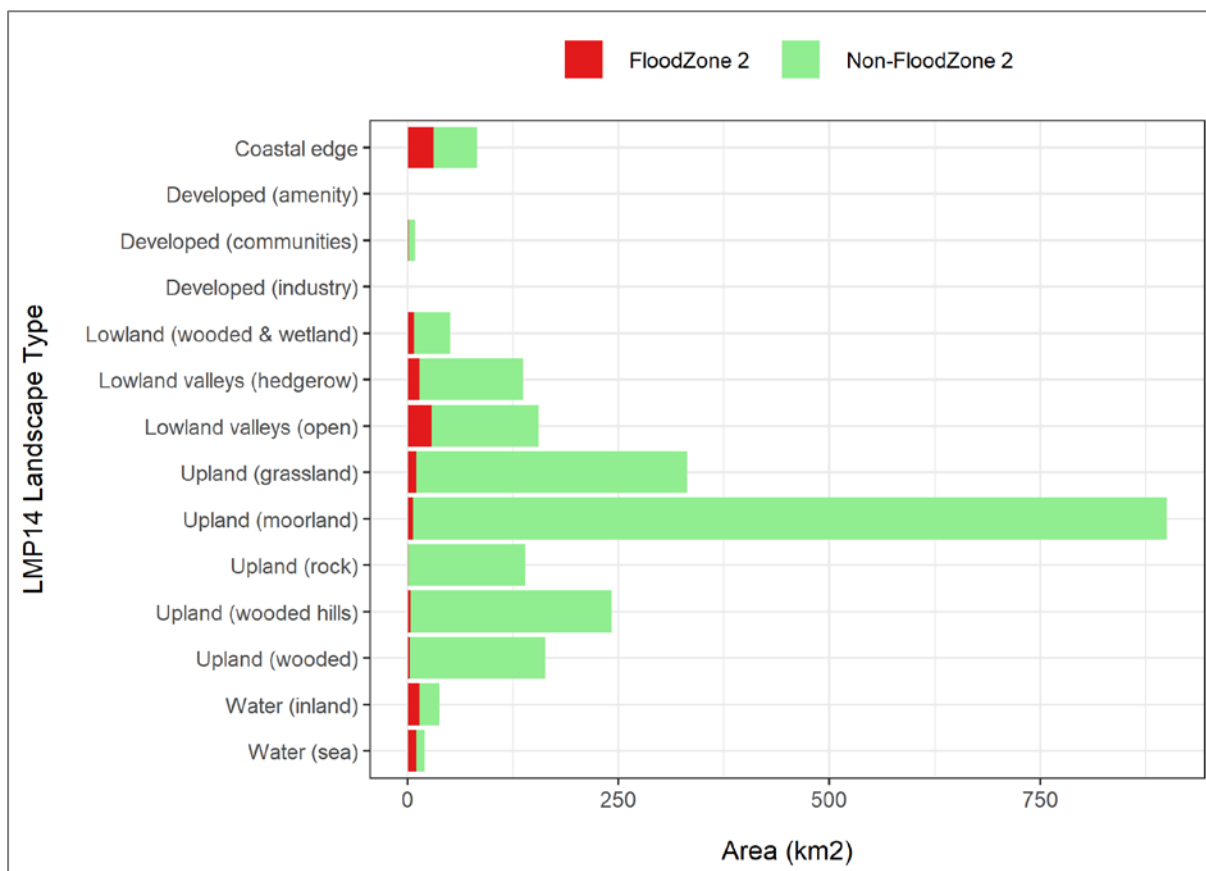


Figure 10.6 Flood Zone 2 area (km²) by LMP14 landscape type (Snowdonia National Park)

10.4. River and Sea Flooding: Flood Zone 3

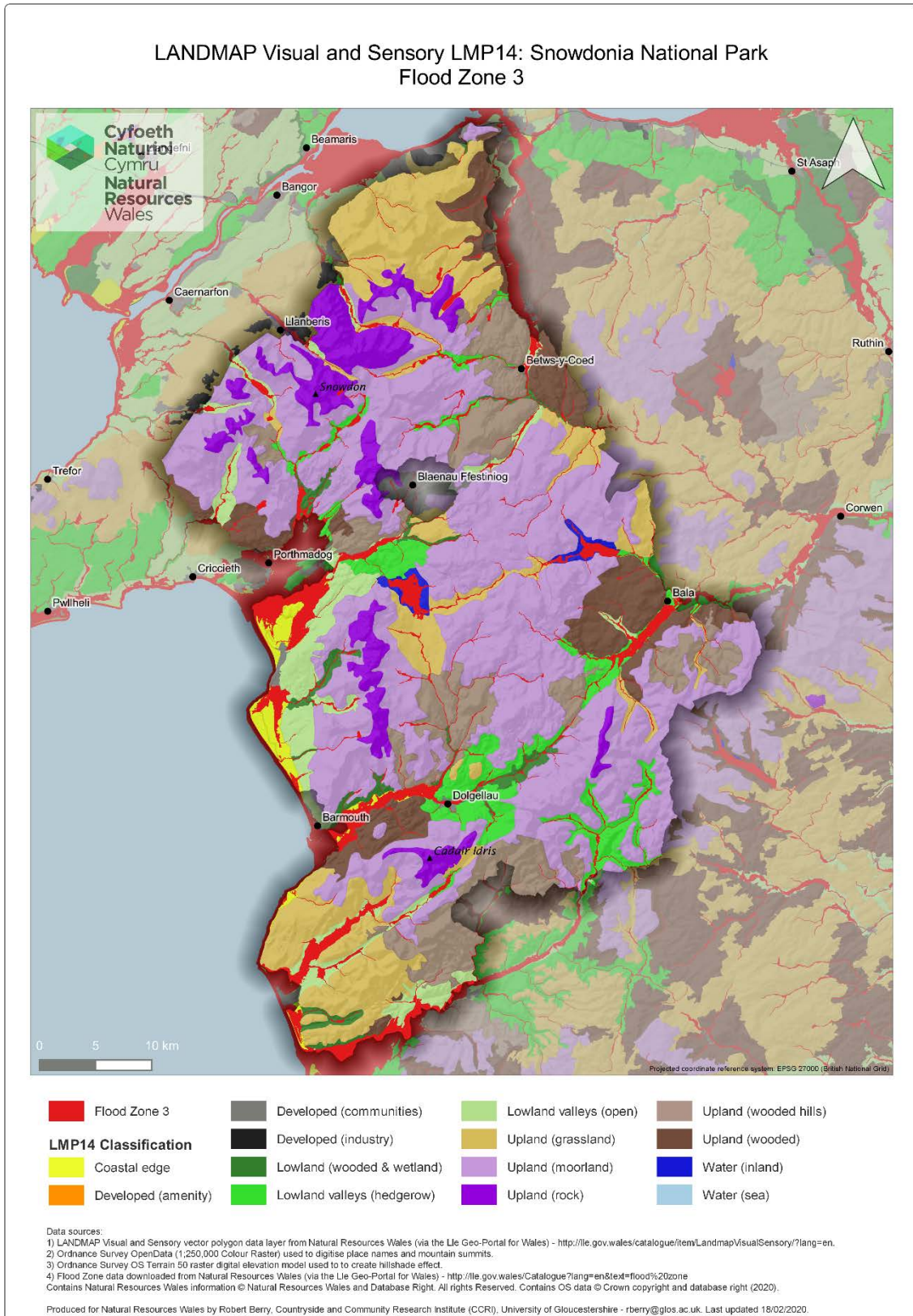


Figure 10.7 LMP14 landscape types with Flood Zone 3 (Snowdonia National Park)

Table 10.7 Flood Zone 3 area (km²) by LMP14 landscape types (highlighting Snowdonia National Park)⁵⁵

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	Total (km ²) Flood Zone 3
Anglesey AONB	30.34	0.07	0.34	0.02	0.51	1.73	4.63	0.00	0.01	0.00	0.00	0.25	0.00	5.93	43.83
Brecon Beacons National Park	0.00	0.00	0.61	0.05	0.57	0.25	16.58	5.04	2.33	0.00	0.04	12.69	7.80	0.00	45.96
Clwydian Range and Dee Valley AONB	0.00	0.00	0.14	0.04	0.32	5.76	1.75	0.51	0.13	0.00	0.63	0.30	0.17	0.00	9.75
Gower AONB	31.48	0.00	0.02	0.00	1.23	0.44	2.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.29
Llyn AONB	5.76	0.00	0.04	0.00	0.33	0.17	1.41	0.08	0.00	0.00	0.00	0.00	0.00	0.00	7.79
Pembrokeshire Coast National Park	14.54	0.13	0.28	0.00	2.96	2.41	3.09	1.73	0.00	0.00	0.00	0.00	10.09	0.00	35.23
Snowdonia National Park	28.37	0.00	1.10	0.00	6.73	11.41	26.33	8.80	5.61	0.22	2.80	2.35	13.52	9.81	117.05
Wye Valley AONB (Wales)	0.00	0.00	0.01	0.01	1.17	0.39	1.85	0.21	0.00	0.00	0.12	0.00	1.04	0.00	4.80
Total	110.49	0.20	2.54	0.12	13.82	22.56	57.76	16.37	8.08	0.22	3.59	15.59	32.62	15.74	299.70

⁵⁵ Other designated landscape areas shown for comparison

Table 10.8 Flood Zone 3 area as a % of total area of designated landscape, by LMP14 landscape types (highlighting Snowdonia National Park)⁵⁶

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	% Total area of designated landscape
Anglesey AONB	13.89	0.03	0.16	0.01	0.23	0.79	2.12	0.00	0.00	0.00	0.00	0.11	0.00	2.71	20.05
Brecon Beacons National Park	0.00	0.00	0.05	0.00	0.04	0.02	1.23	0.37	0.17	0.00	0.00	0.94	0.58	0.00	3.40
Clwydian Range and Dee Valley AONB	0.00	0.00	0.04	0.01	0.08	1.48	0.45	0.13	0.03	0.00	0.16	0.08	0.04	0.00	2.50
Gower AONB	16.90	0.00	0.01	0.00	0.66	0.24	1.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.95
Llyn AONB	3.62	0.00	0.03	0.00	0.21	0.11	0.89	0.05	0.00	0.00	0.00	0.00	0.00	0.00	4.91
Pembrokeshire Coast National Park	2.39	0.02	0.05	0.00	0.49	0.40	0.51	0.28	0.00	0.00	0.00	0.00	1.66	0.00	5.80
Snowdonia National Park	1.33	0.00	0.05	0.00	0.31	0.53	1.23	0.41	0.26	0.01	0.13	0.11	0.63	0.46	5.46
Wye Valley AONB (Wales)	0.00	0.00	0.01	0.01	1.00	0.33	1.58	0.18	0.00	0.00	0.10	0.00	0.89	0.00	4.10

⁵⁶ Other designated landscape areas shown for comparison

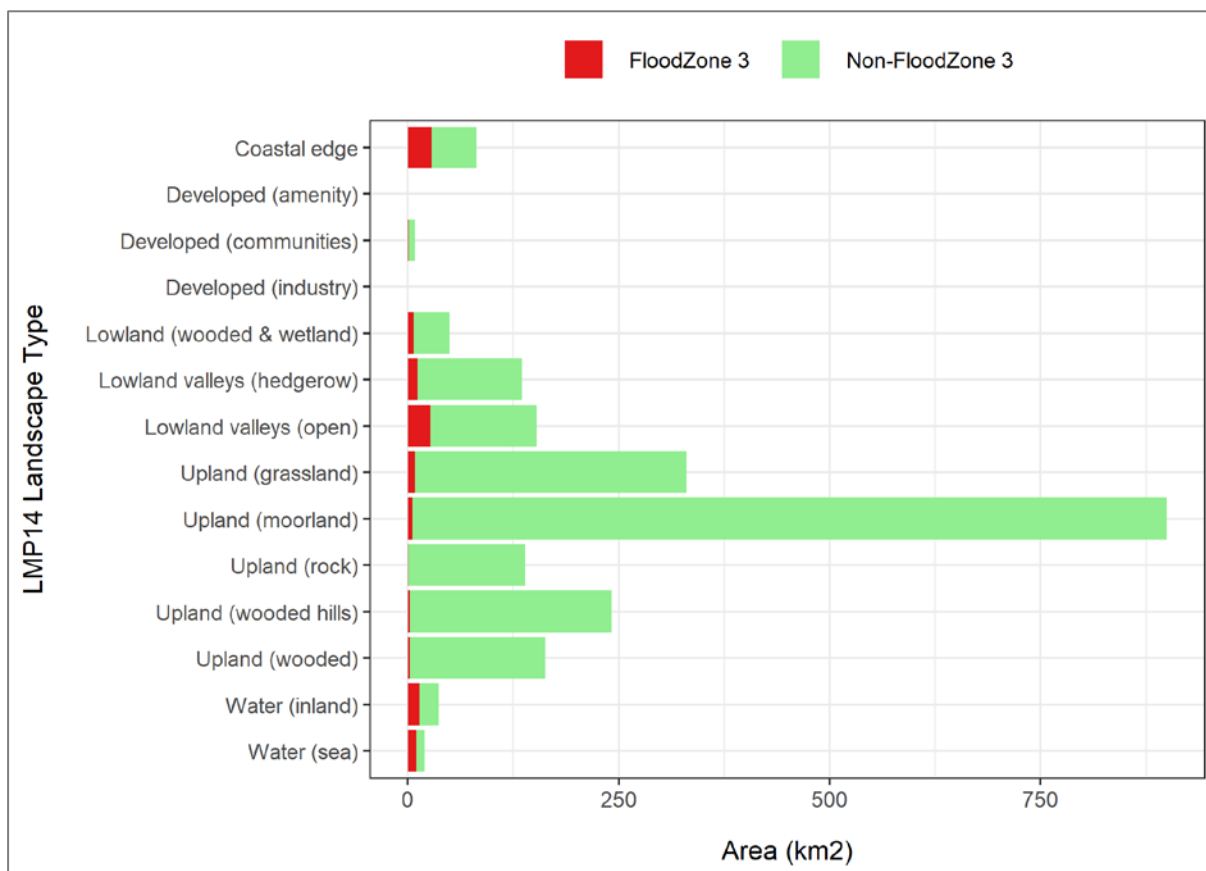


Figure 10.8 Flood Zone 3 area (km²) by LMP14 landscape type (Snowdonia National Park)

10.5. Boundary Type

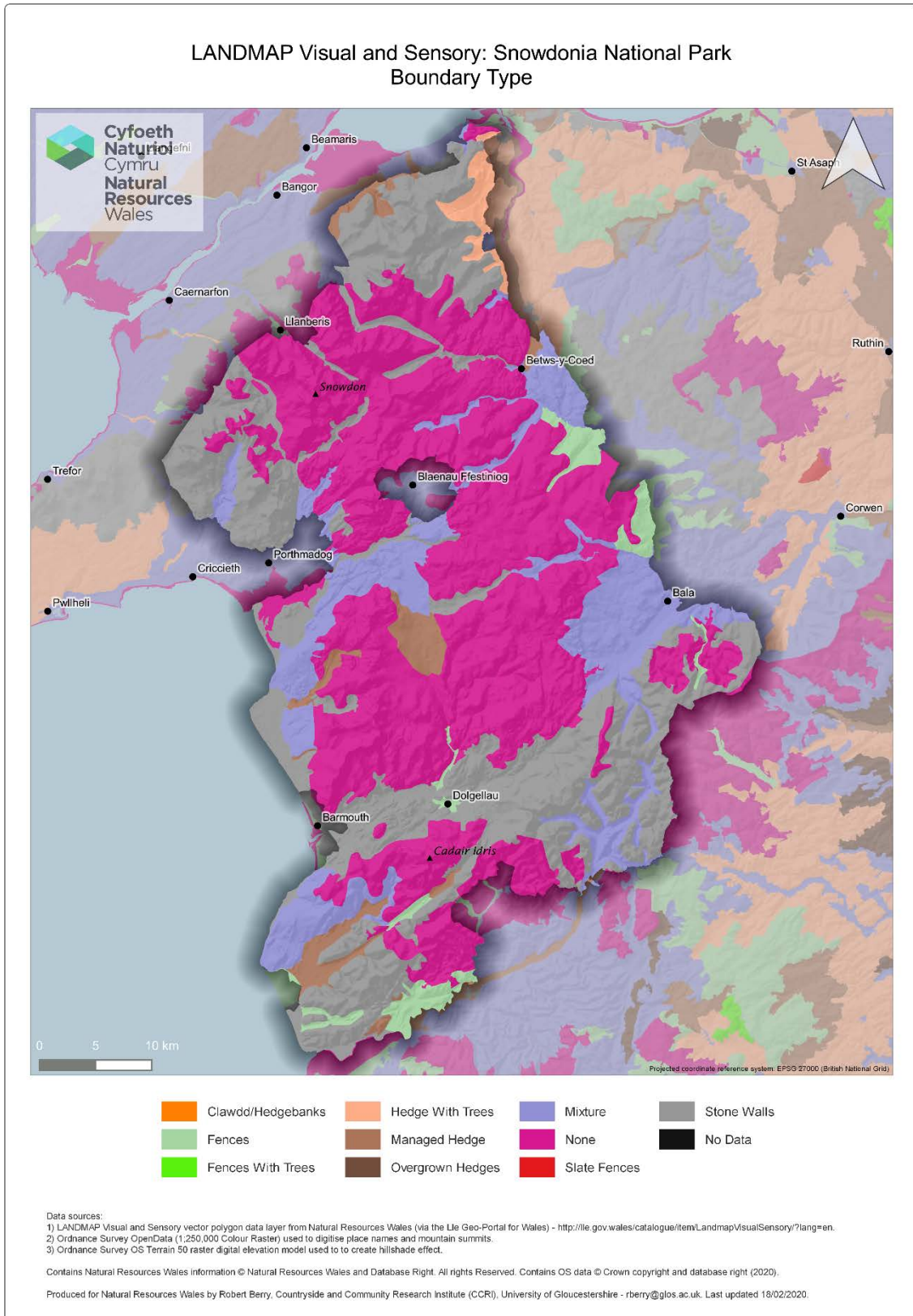


Figure 10.9 Predominant boundary type (Snowdonia National Park)

Table 10.9 Boundary type area (km²) by LMP14 landscape (Snowdonia National Park)

	Clawdd/ Hedge- banks	Fences	Fences with Trees	Hedge with Trees	Managed Hedge	Mixture	No Data	None	Overgrown Hedges	Slate Fences	Stone Walls	Total (km ²)
Coastal edge	0.00	0.56	0.00	0.00	0.00	0.00	0.00	8.75	0.00	0.00	43.05	52.36
Developed (amenity)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Developed (communities)	0.00	1.84	0.00	0.00	0.00	5.73	0.00	0.00	0.00	0.00	0.00	7.57
Developed (industry)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.05
Lowland (wooded & wetland)	0.00	7.16	0.00	0.00	7.01	8.82	0.00	0.00	0.00	0.00	19.96	42.95
Lowland valleys	0.00	0.00	0.00	0.00	2.23	69.80	0.00	0.00	0.00	0.00	51.59	123.62
Lowland valleys (open)	0.00	20.83	0.00	0.00	23.35	60.48	0.00	0.90	0.00	0.00	20.58	126.14
Upland (grassland)	0.00	29.45	0.00	0.00	30.58	58.69	0.00	0.00	0.00	0.00	202.52	321.24
Upland (moorland)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	642.95	0.00	0.00	251.05	894.00
Upland (rock)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	139.12	0.00	0.00	0.00	139.12
Upland (wooded hills)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	238.57	0.00	0.00	0.00	238.57
Upland (wooded)	0.00	0.00	0.00	22.62	2.41	86.32	0.00	0.03	0.00	0.00	49.04	160.42
Water (inland)	0.00	0.00	0.00	0.00	0.00	20.05	0.00	3.32	0.00	0.00	0.00	23.37
Water (sea)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.00	9.59	9.92
Total	0.00	59.84	0.00	22.62	65.58	309.89	0.00	1034.02	0.00	0.00	647.38	2139.33

Table 10.10 Boundary type area (% of designated landscape area) by LMP14 landscape (Snowdonia National Park)

	Clawdd/ Hedge- banks	Fences	Fences with Trees	Hedge with Trees	Managed Hedge	Mixture	No Data	None	Overgrown Hedges	Slate Fences	Stone Walls	% total area
Coastal edge	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.41	0.00	0.00	2.01	2.45
Developed (amenity)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Developed (communities)	0.00	0.09	0.00	0.00	0.00	0.27	0.00	0.00	0.00	0.00	0.00	0.36
Developed (industry)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lowland (wooded & wetland)	0.00	0.33	0.00	0.00	0.33	0.41	0.00	0.00	0.00	0.00	0.93	2.00
Lowland valleys	0.00	0.00	0.00	0.00	0.10	3.26	0.00	0.00	0.00	0.00	2.41	5.77
Lowland valleys (open)	0.00	0.97	0.00	0.00	1.09	2.83	0.00	0.04	0.00	0.00	0.96	5.89
Upland (grassland)	0.00	1.38	0.00	0.00	1.43	2.74	0.00	0.00	0.00	0.00	9.47	15.02
Upland (moorland)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.05	0.00	0.00	11.73	41.78
Upland (rock)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.50	0.00	0.00	0.00	6.50
Upland (wooded hills)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.15	0.00	0.00	0.00	11.15
Upland (wooded)	0.00	0.00	0.00	1.06	0.11	4.03	0.00	0.00	0.00	0.00	2.29	7.49
Water (inland)	0.00	0.00	0.00	0.00	0.00	0.94	0.00	0.16	0.00	0.00	0.00	1.10
Water (sea)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.45	0.47

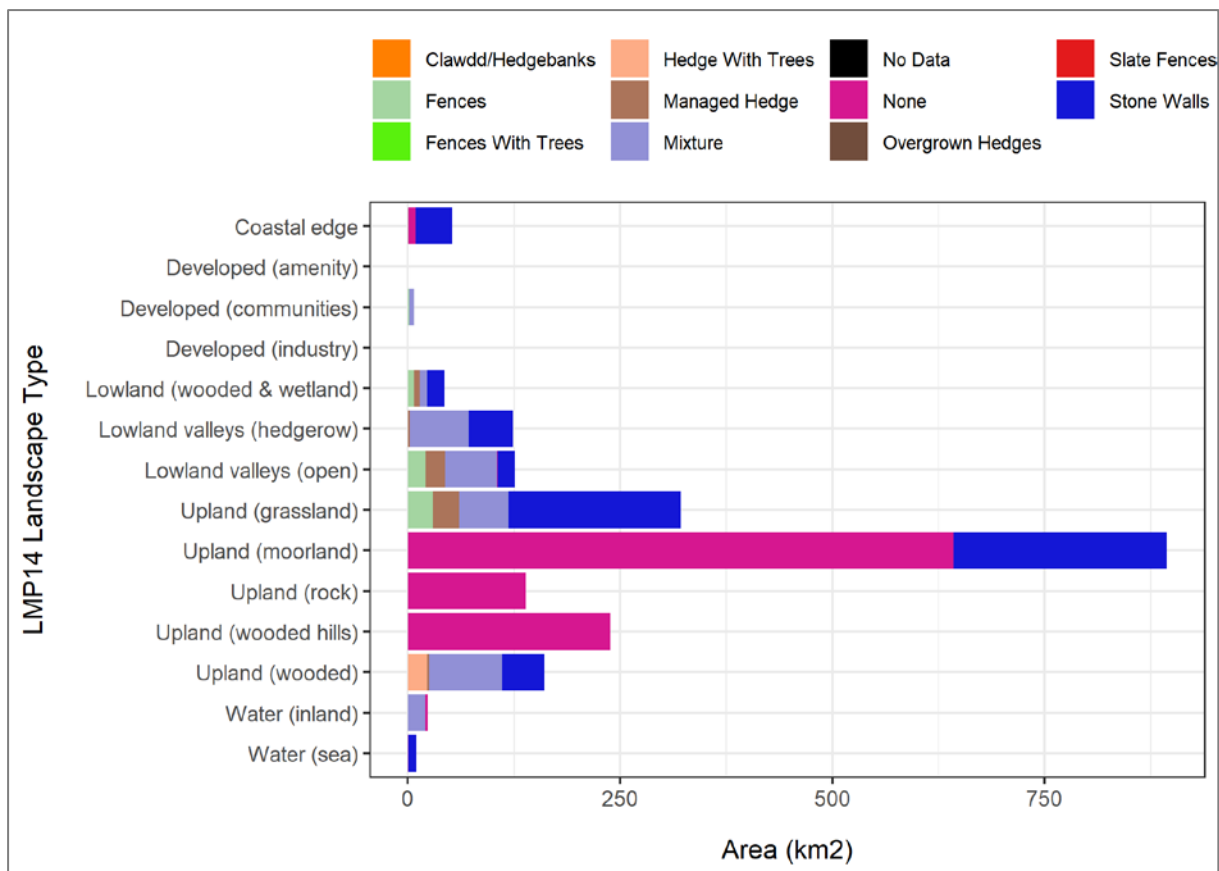


Figure 10.10 Boundary type (km²) by LMP14 landscape (Snowdonia National Park)

10.6. Overall Evaluation

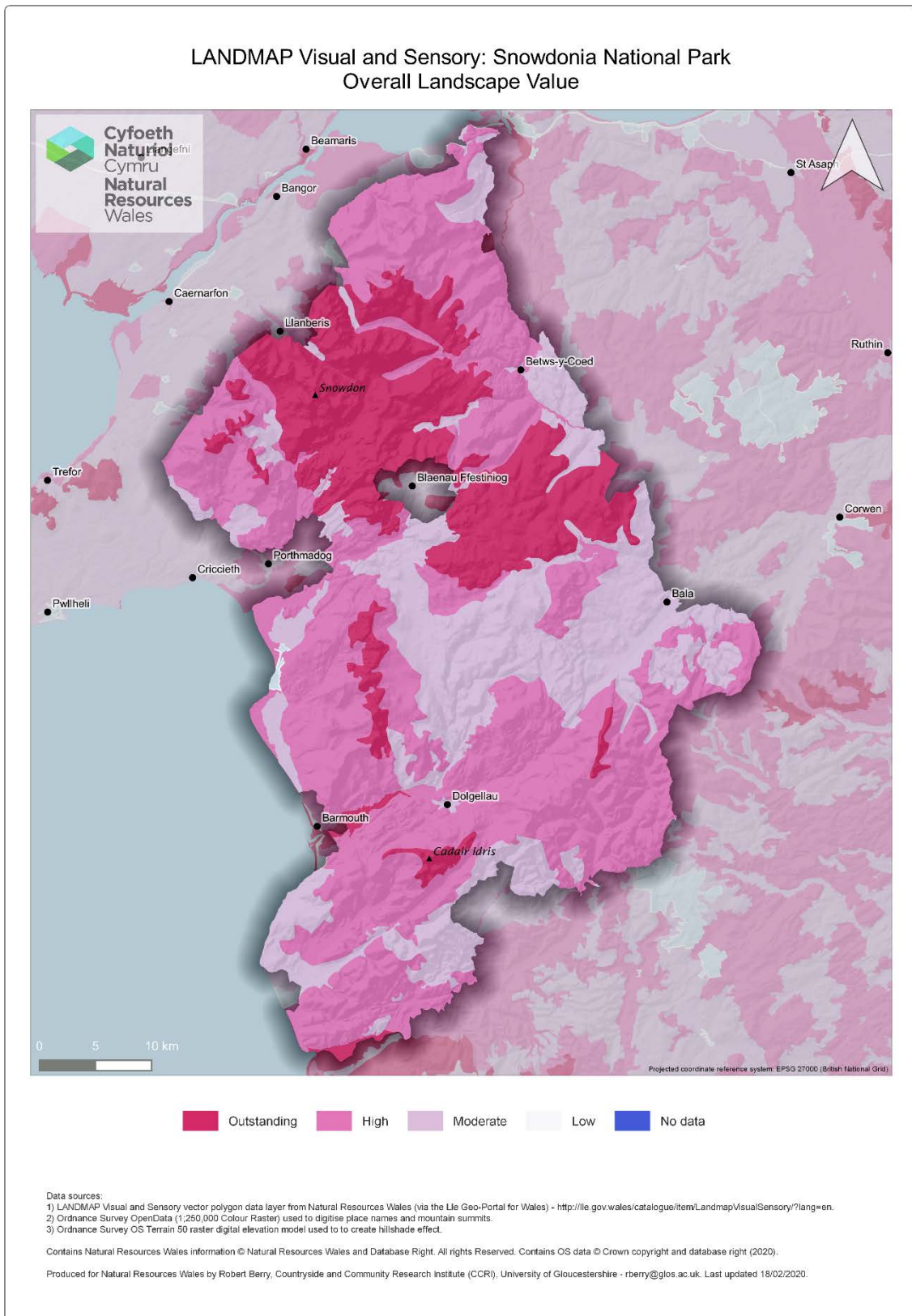


Figure 10.11 Overall landscape evaluation (Snowdonia National Park)

Table 10.11 Overall landscape evaluation (km²) by LMP14 landscape (Snowdonia National Park)

	Outstanding	High	Moderate	Low	No Data	Total km2
Coastal edge	0.04	28.57	23.75	0.00	0.00	52.36
Developed (amenity)	0.00	0.00	0.00	0.00	0.00	0.00
Developed (communities)	0.00	0.30	4.92	2.35	0.00	7.57
Developed (industry)	0.00	0.05	0.00	0.00	0.00	0.05
Lowland (wooded & wetland)	0.48	35.87	6.60	0.00	0.00	42.95
Lowland valleys (hedgerow)	4.67	79.83	39.12	0.00	0.00	123.62
Lowland valleys (open)	0.00	110.02	16.12	0.00	0.00	126.14
Upland (grassland)	1.33	228.97	90.94	0.00	0.00	321.24
Upland (moorland)	328.59	484.10	81.31	0.00	0.00	894.00
Upland (rock)	139.12	0.00	0.00	0.00	0.00	139.12
Upland (wooded hills)	0.00	78.84	159.73	0.00	0.00	238.57
Upland (wooded)	0.00	40.52	119.90	0.00	0.00	160.42
Water (inland)	0.00	3.32	20.05	0.00	0.00	23.37
Water (sea)	9.92	0.00	0.00	0.00	0.00	9.92
Total	484.15	1090.39	562.44	2.35	0.00	2139.33

Table 10.12 Overall landscape evaluation (% of designated landscape area) by LMP14 landscape (Snowdonia National Park)

	Outstanding	High	Moderate	Low	No Data	% total area
Coastal edge	0.00	1.34	1.11	0.00	0.00	2.45
Developed (amenity)	0.00	0.00	0.00	0.00	0.00	0.00
Developed (communities)	0.00	0.01	0.23	0.11	0.00	0.35
Developed (industry)	0.00	0.00	0.00	0.00	0.00	0.00
Lowland (wooded & wetland)	0.02	1.68	0.31	0.00	0.00	2.01
Lowland valleys (hedgerow)	0.22	3.73	1.83	0.00	0.00	5.78
Lowland valleys (open)	0.00	5.14	0.75	0.00	0.00	5.89
Upland (grassland)	0.06	10.70	4.25	0.00	0.00	15.01
Upland (moorland)	15.36	22.63	3.80	0.00	0.00	41.79
Upland (rock)	6.50	0.00	0.00	0.00	0.00	6.50
Upland (wooded hills)	0.00	3.69	7.47	0.00	0.00	11.16
Upland (wooded)	0.00	1.89	5.60	0.00	0.00	7.49
Water (inland)	0.00	0.16	0.94	0.00	0.00	1.10
Water (sea)	0.46	0.00	0.00	0.00	0.00	0.46

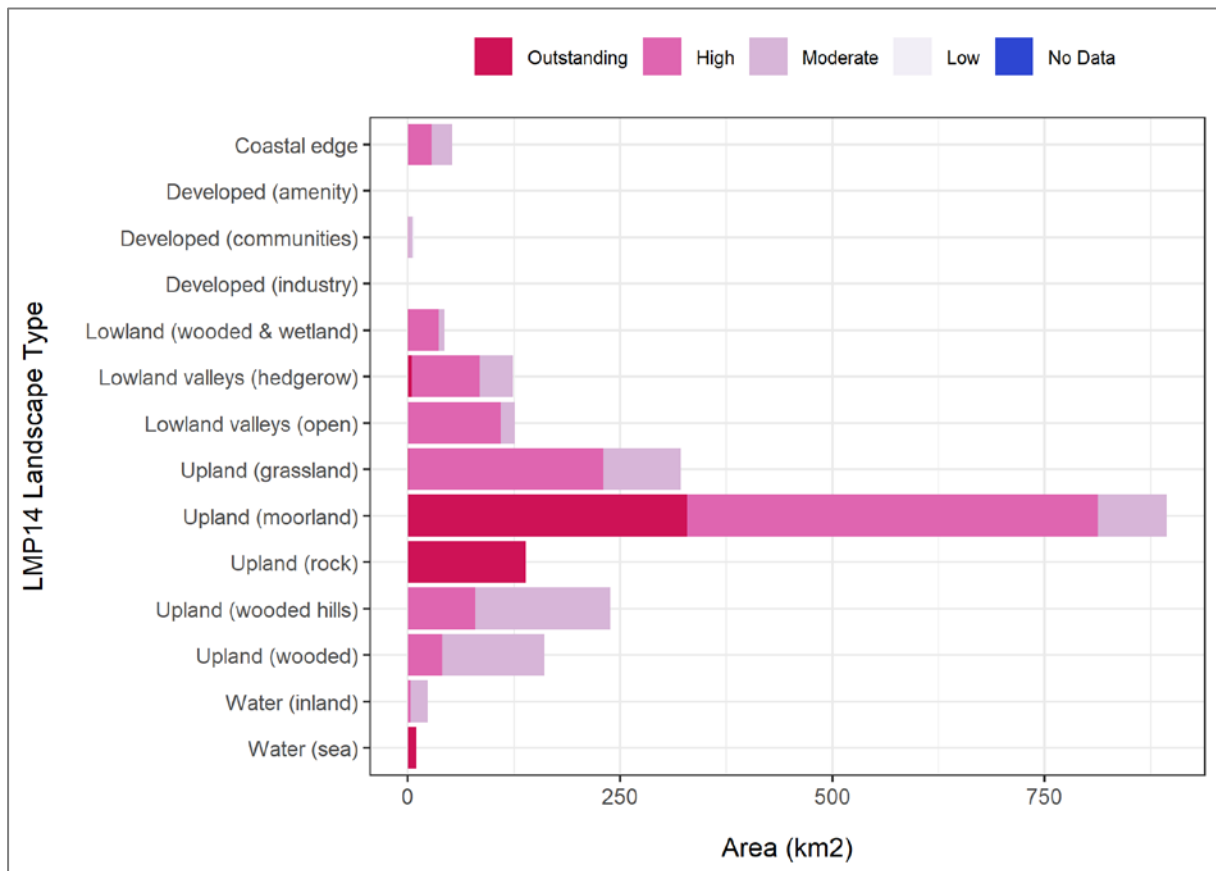


Figure 4.10 Overall evaluation (km²) by LMP14 landscape (Snowdonia National Park)

11. Maps and Statistics: Wye Valley AONB (Wales)

11.1. LMP14 Landscape Types

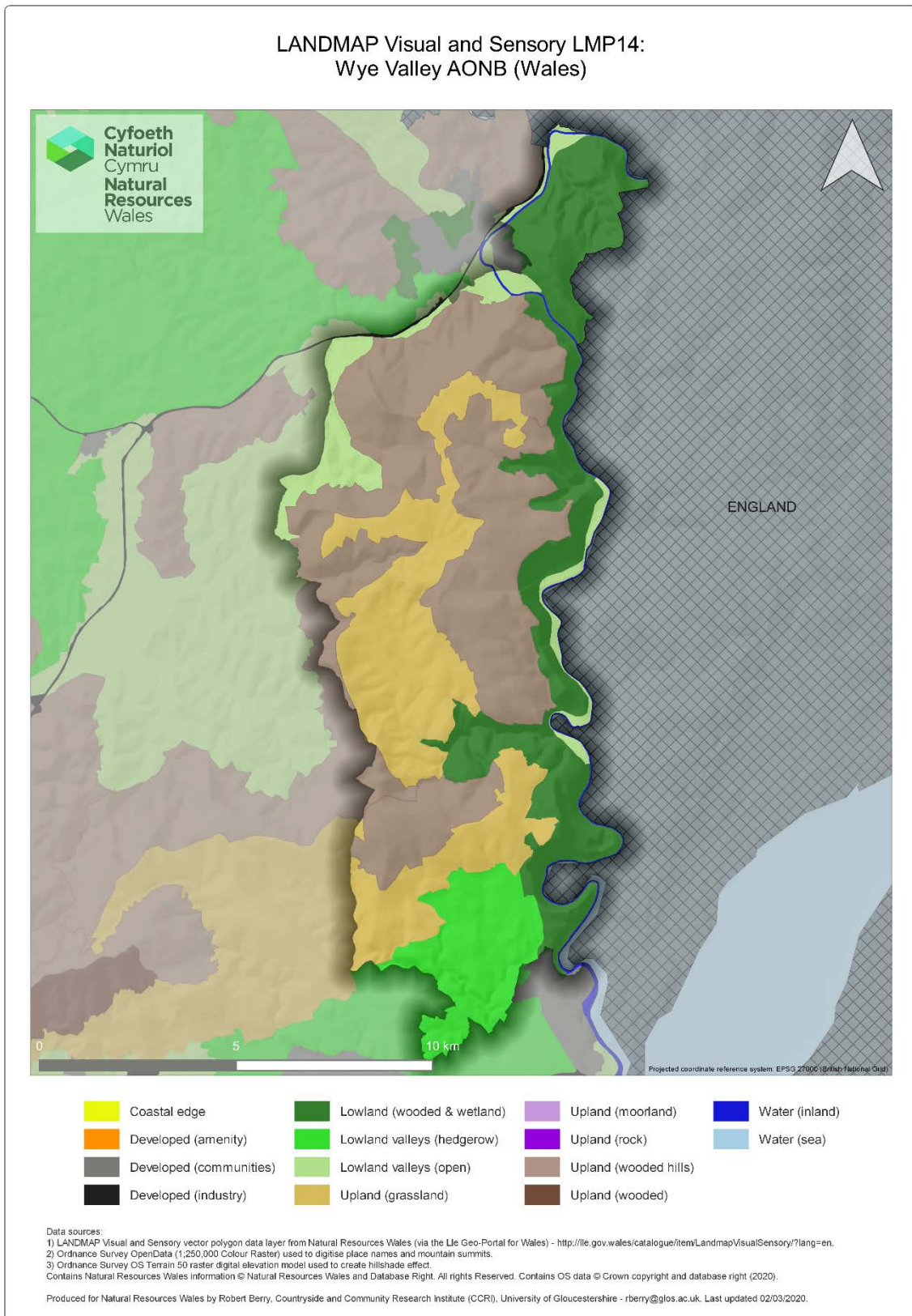


Figure 11.1 LANDMAP LMP14 landscape types for Wye Valley AONB (Wales)

Table 11.1 Area statistics (km²) for LMP14 landscape types (highlighting Wye Valley AONB (Wales))⁵⁷

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	Total (km ²)
Anglesey AONB	42.64	1.52	3.91	0.37	10.48	64.64	65.19	0.83	13.98	0.00	2.60	6.08	0.00	6.21	218.45
Brecon Beacons National Park	0.00	0.00	7.02	1.63	6.65	12.24	55.59	169.71	528.22	1.14	16.23	543.20	8.55	0.00	1350.18
Clwydian Range and Dee Valley AONB	0.00	0.01	2.64	1.96	6.19	60.63	41.46	76.88	133.35	0.10	16.59	49.27	0.18	0.00	389.26
Gower AONB	50.45	1.25	1.16	0.00	8.53	18.44	92.45	14.03	0.00	0.00	0.00	0.00	0.00	0.00	186.31
Llyn AONB	11.85	0.00	1.34	1.38	1.94	23.34	50.26	45.73	19.80	0.00	0.00	3.68	0.00	0.00	159.32
Pembrokeshire Coast National Park	36.43	0.82	7.16	0.00	46.55	125.15	224.55	130.36	9.84	0.00	0.00	8.86	18.19	0.00	607.91
Snowdonia National Park	52.36	0.00	7.57	0.05	42.95	123.62	126.14	321.24	894.00	139.12	238.57	160.42	23.37	9.92	2139.33
Wye Valley AONB (Wales)	0.00	0.00	0.03	0.03	25.38	10.37	6.94	28.54	0.00	0.00	44.95	0.00	1.04	0.00	117.28

⁵⁷ Other designated landscape areas shown for comparison

Table 11.2 Area statistics (% total land area of designated area) for LMP14 landscape types (highlighting Wye Valley AONB (Wales))⁵⁸

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)
Anglesey AONB	19.52	0.70	1.79	0.17	4.80	29.59	29.84	0.38	6.40	0.00	1.19	2.78	0.00	2.84
Brecon Beacons National Park	0.00	0.00	0.52	0.12	0.49	0.91	4.12	12.57	39.12	0.08	1.20	40.23	0.63	0.00
Clwydian Range and Dee Valley AONB	0.00	0.00	0.68	0.50	1.59	15.58	10.65	19.75	34.26	0.03	4.26	12.66	0.05	0.00
Gower AONB	27.08	0.67	0.62	0.00	4.58	9.90	49.62	7.53	0.00	0.00	0.00	0.00	0.00	0.00
Llyn AONB	7.44	0.00	0.84	0.87	1.22	14.65	31.55	28.70	12.43	0.00	0.00	2.31	0.00	0.00
Pembrokeshire Coast National Park	5.99	0.13	1.18	0.00	7.66	20.59	36.94	21.44	1.62	0.00	0.00	1.46	2.99	0.00
Snowdonia National Park	2.45	0.00	0.35	0.00	2.01	5.78	5.90	15.02	41.79	6.50	11.15	7.50	1.09	0.46
Wye Valley AONB (Wales)	0.00	0.00	0.03	0.03	21.64	8.84	5.92	24.33	0.00	0.00	38.33	0.00	0.89	0.00

⁵⁸ Other designated landscape areas shown for comparison

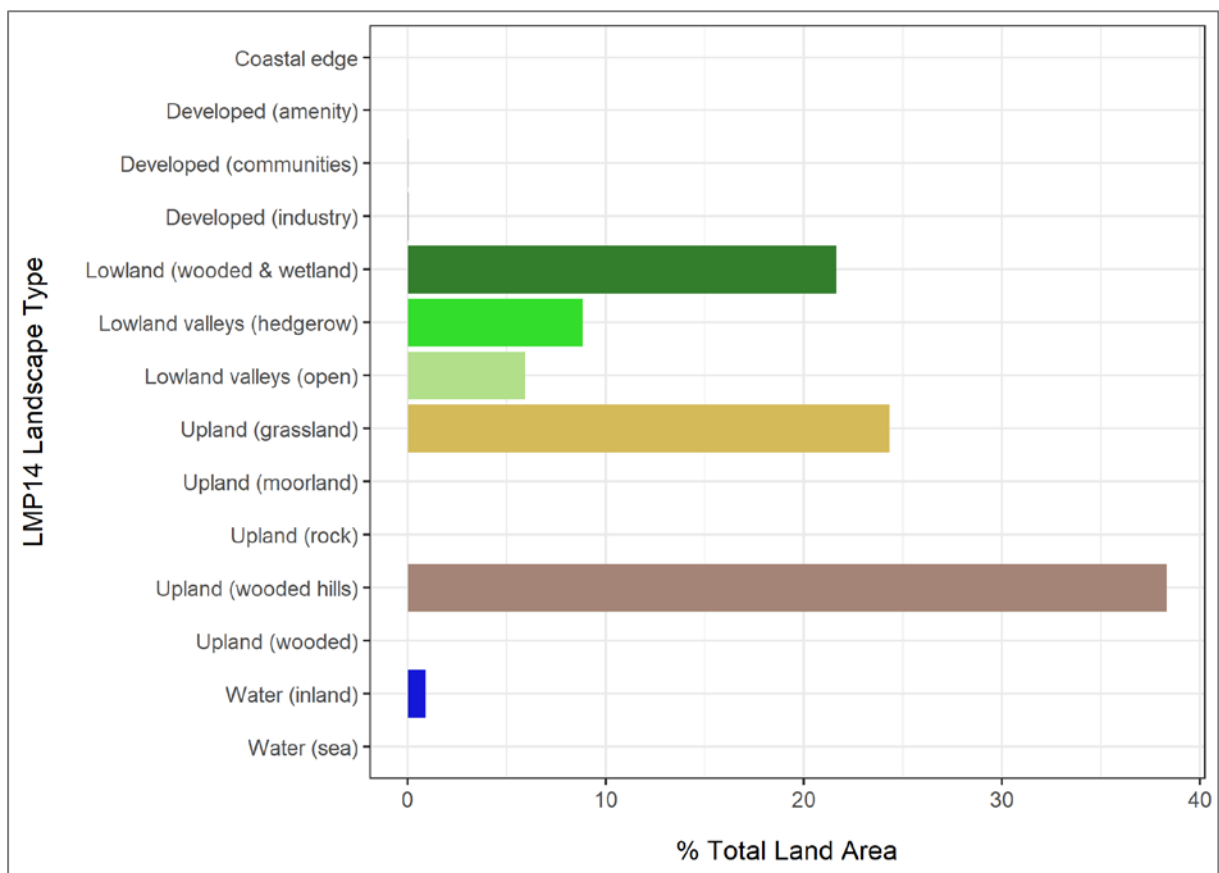


Figure 11.2 Area statistics for LMP14 landscape types (Wye Valley AONB (Wales))

11.2. Sea Level Rise

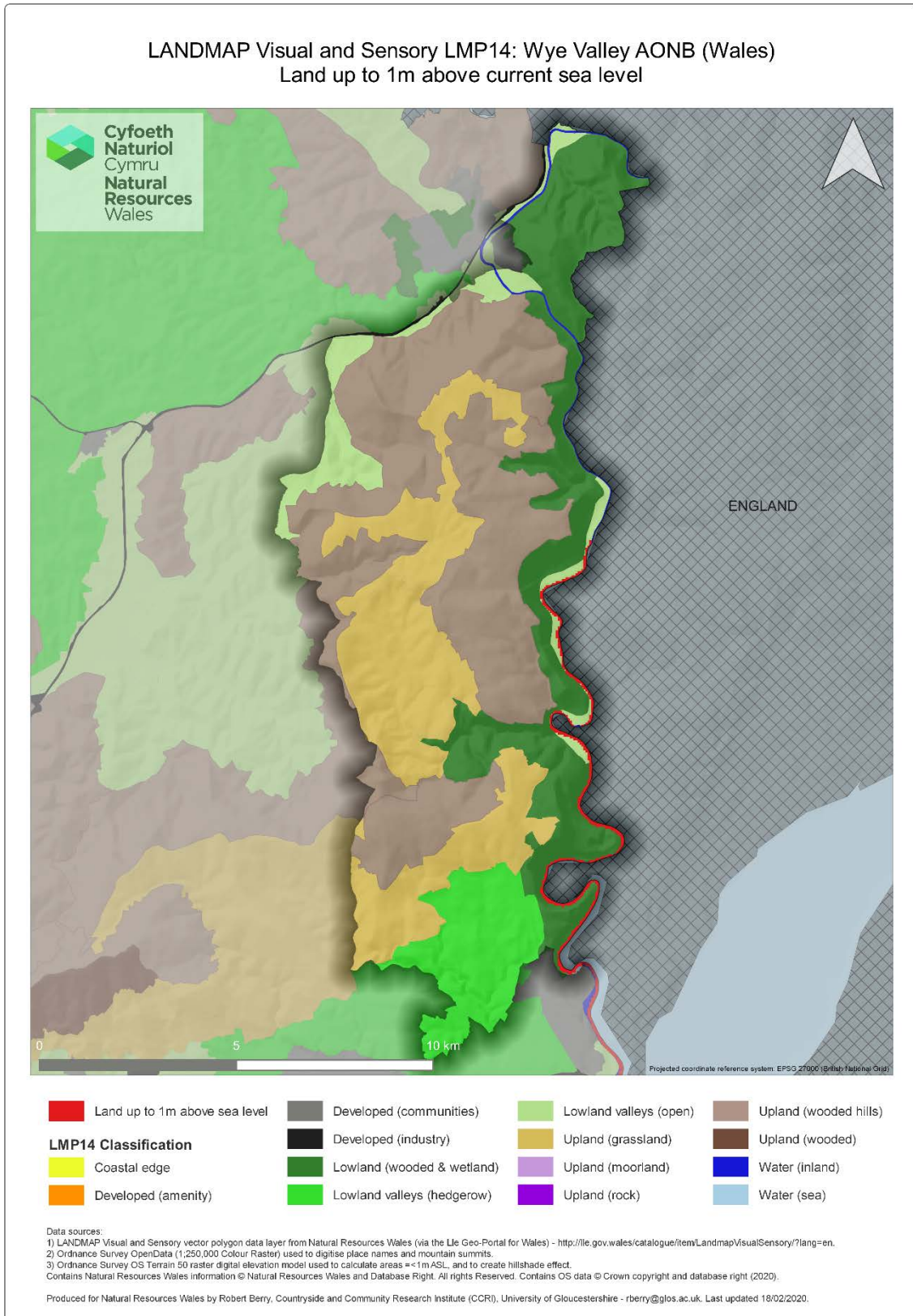


Figure 11.3 LANDMAP LMP14 landscape types with land up to 1m above sea level (Wye Valley AONB (Wales))

Table 11.3 Land up to 1m above sea level (km²) by LMP14 landscape types (highlighting Wye Valley AONB (Wales))⁵⁹

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	Total (km ²)
Anglesey AONB	17.98	0.00	0.02	0.00	0.00	0.25	0.45	0.00	0.01	0.00	0.00	0.00	0.00	3.67	22.38
Brecon Beacons National Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Clwydian Range and Dee Valley AONB	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gower AONB	22.13	0.00	0.00	0.00	7.42	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.59
Llyn AONB	3.71	0.00	0.03	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.75
Pembrokeshire Coast National Park	9.32	0.00	0.00	0.00	0.35	0.19	0.35	0.00	0.00	0.00	0.00	0.00	6.21	0.00	16.42
Snowdonia National Park	4.78	0.00	0.01	0.00	0.34	0.00	1.31	0.04	0.00	0.00	0.00	0.10	0.00	8.71	15.29
Wye Valley AONB (Wales)	0.00	0.00	0.01	0.00	0.33	0.00	0.26	0.00	0.00	0.00	0.00	0.00	0.50	0.00	1.10
Total	57.92	0	0.07	0	8.44	0.44	2.42	0.04	0.01	0	0	0.1	6.71	12.38	88.53

⁵⁹ Other designated landscape areas shown for comparison

Table 11.4 Land up to 1m above sea level (% area of designated landscape) by LMP14 landscape types (highlighting Wye Valley AONB (Wales))⁶⁰

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	% Total area of designated area
Anglesey AONB	8.23	0.00	0.01	0.00	0.00	0.11	0.21	0.00	0.00	0.00	0.00	0.00	0.00	1.68	10.24
Brecon Beacons National Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
Clwydian Range and Dee Valley AONB	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
Gower AONB	11.88	0.00	0.00	0.00	3.98	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.88
Llyn AONB	2.33	0.00	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.36
Pembrokeshire Coast National Park	1.53	0.00	0.00	0.00	0.06	0.03	0.06	0.00	0.00	0.00	0.00	0.00	1.02	0.00	2.7
Snowdonia National Park	0.22	0.00	0.00	0.00	0.02	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.71
Wye Valley AONB (Wales)	0.00	0.00	0.01	0.00	0.28	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.43	0.00	0.94

⁶⁰ Other designated landscape areas shown for comparison

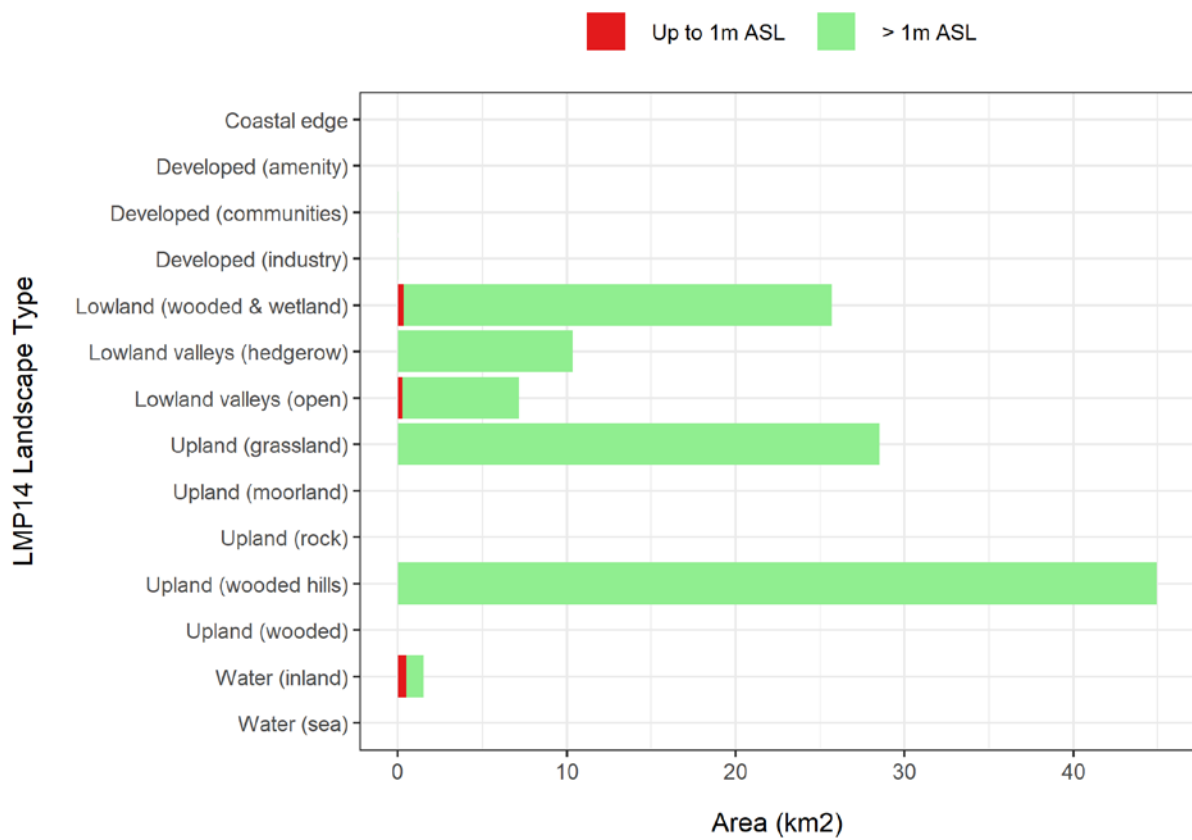


Figure 11.4 Area statistics for LMP14 landscapes up to 1m above sea level (Wye Valley AONB (Wales))

11.3. River and Sea Flooding: Flood Zone 2

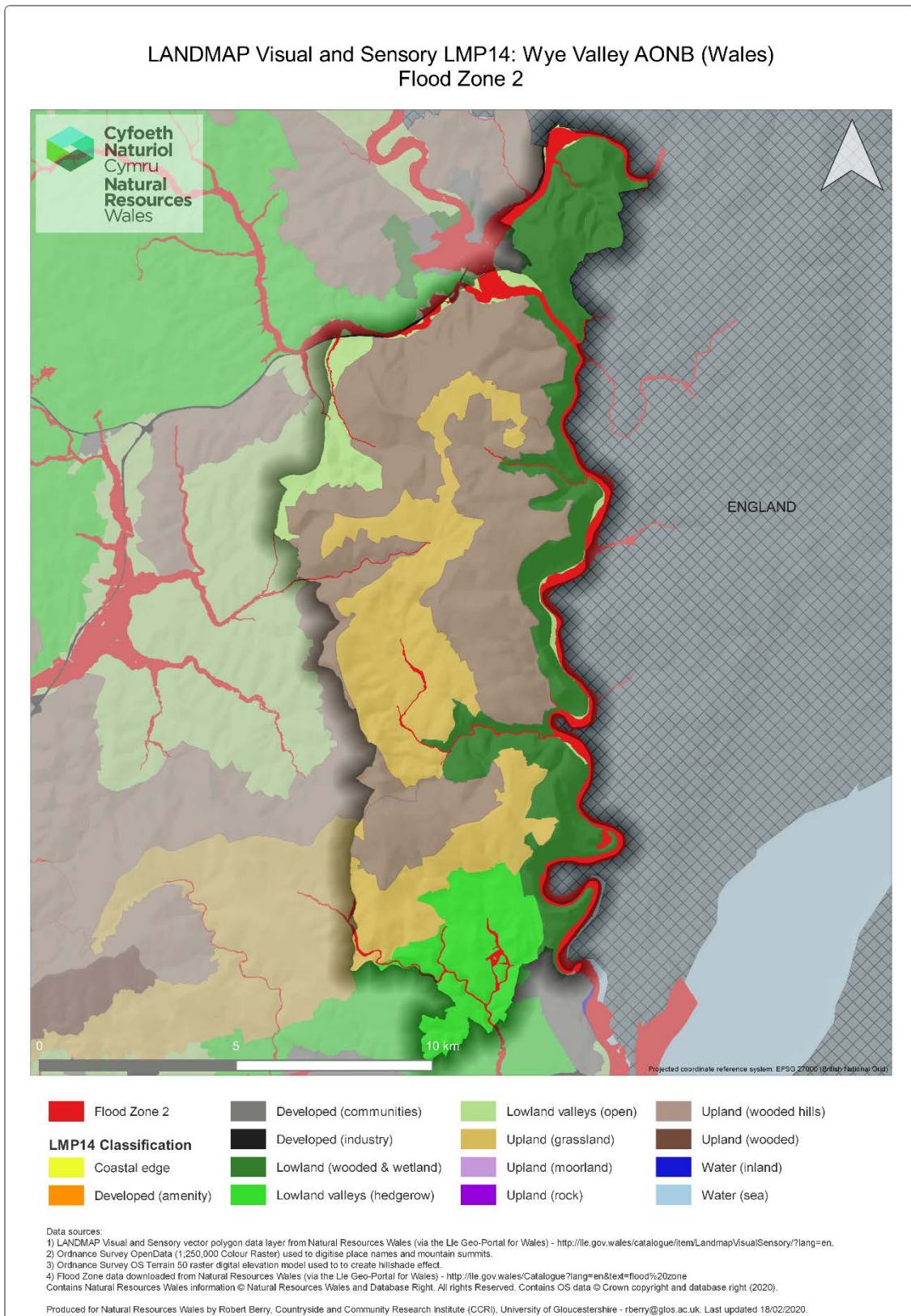


Figure 11.5 LMP14 landscape types with Flood Zone 2 (Wye Valley AONB (Wales))

Table 11.5 Flood Zone 2 area (km²) by LMP14 landscape types (highlighting Wye Valley AONB (Wales))⁶¹

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	Total (km ²) Flood Zone 2
Anglesey AONB	30.64	0.08	0.39	0.02	0.63	1.95	5.34	0.00	0.01	0.00	0.00	0.30	0.00	5.95	45.31
Brecon Beacons National Park	0.00	0.00	0.82	0.05	0.68	0.36	18.72	6.31	2.70	0.00	0.05	15.37	8.07	0.00	53.13
Clwydian Range and Dee Valley AONB	0.00	0.00	0.26	0.06	0.38	7.00	1.94	0.58	0.15	0.00	0.72	0.37	0.18	0.00	11.64
Gower AONB	32.06	0.00	0.03	0.00	1.32	0.64	2.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.99
Llyn AONB	5.87	0.00	0.05	0.00	0.39	0.20	1.60	0.10	0.00	0.00	0.00	0.00	0.00	0.00	8.21
Pembrokeshire Coast National Park	14.82	0.15	0.34	0.00	3.56	3.44	3.79	2.09	0.00	0.00	0.00	0.00	10.31	0.00	38.50
Snowdonia National Park	30.41	0.00	1.25	0.00	7.68	13.31	28.43	9.80	6.33	0.30	3.13	2.66	13.79	9.84	126.93
Wye Valley AONB (Wales)	0.00	0.00	0.02	0.01	1.50	0.41	2.34	0.23	0.00	0.00	0.14	0.00	1.04	0.00	5.69
Total	113.80	0.23	3.16	0.14	16.14	27.31	65.10	19.11	9.19	0.30	4.04	18.70	33.39	15.79	326.40

⁶¹ Other designated landscape areas shown for comparison

Table 11.6 Flood Zone 2 area as a % of total area of designated landscape, by LMP14 landscape types (highlighting Wye Valley AONB (Wales))⁶²

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	% Total area of designated landscape
Anglesey AONB	14.03	0.04	0.18	0.01	0.29	0.89	2.44	0.00	0.00	0.00	0.00	0.14	0.00	2.72	20.74
Brecon Beacons National Park	0.00	0.00	0.06	0.00	0.05	0.03	1.39	0.47	0.20	0.00	0.00	1.14	0.60	0.00	3.94
Clwydian Range and Dee Valley AONB	0.00	0.00	0.07	0.02	0.10	1.80	0.50	0.15	0.04	0.00	0.18	0.10	0.05	0.00	3.01
Gower AONB	17.21	0.00	0.02	0.00	0.71	0.34	1.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.86
Llyn AONB	3.68	0.00	0.03	0.00	0.24	0.13	1.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	5.14
Pembrokeshire Coast National Park	2.44	0.02	0.06	0.00	0.59	0.57	0.62	0.34	0.00	0.00	0.00	0.00	1.70	0.00	6.34
Snowdonia National Park	1.42	0.00	0.06	0.00	0.36	0.62	1.33	0.46	0.30	0.01	0.15	0.12	0.64	0.46	5.93
Wye Valley AONB (Wales)	0.00	0.00	0.02	0.01	1.28	0.35	2.00	0.20	0.00	0.00	0.12	0.00	0.89	0.00	4.87

⁶² Other designated landscape areas shown for comparison

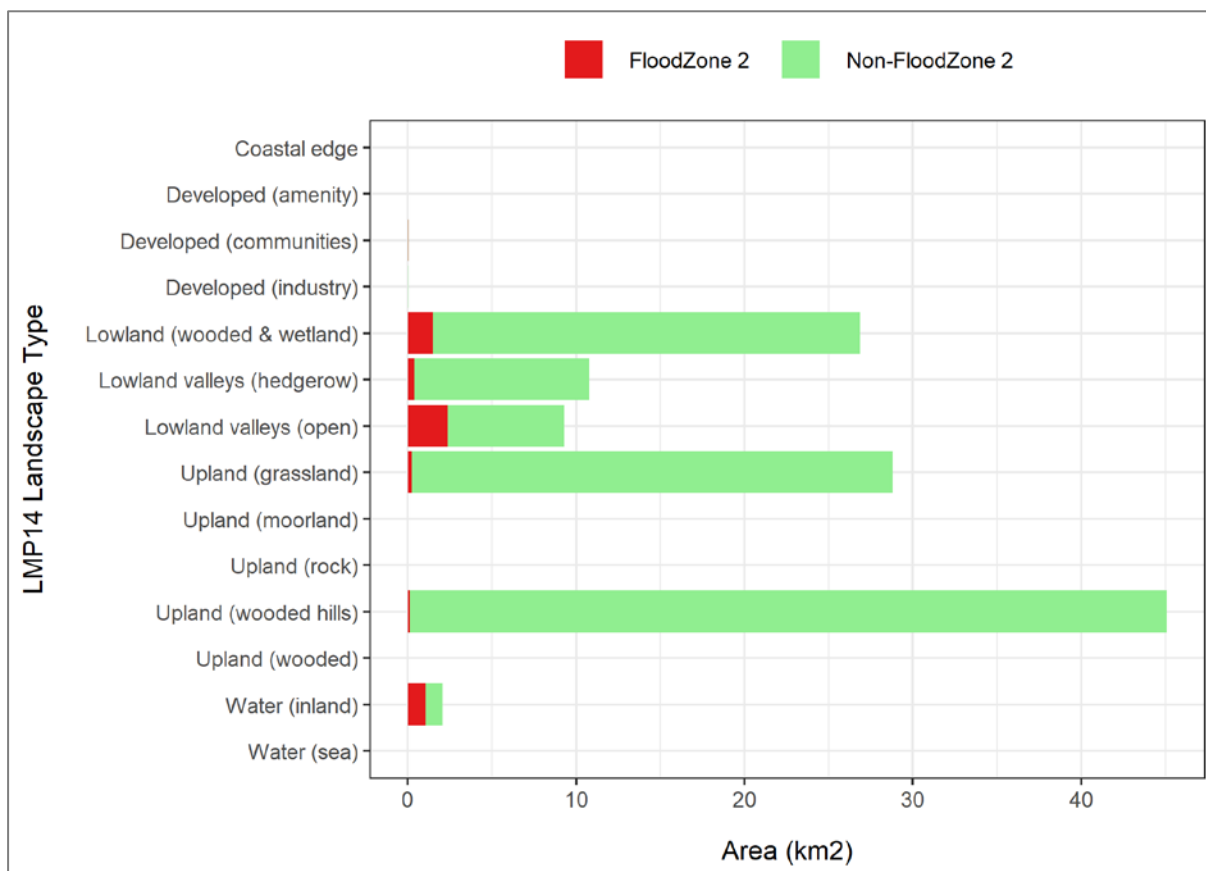


Figure 11.6 Flood Zone 2 area (km²) by LMP14 landscape type (Wye Valley AONB (Wales))

11.4. River and Sea Flooding: Flood Zone 3

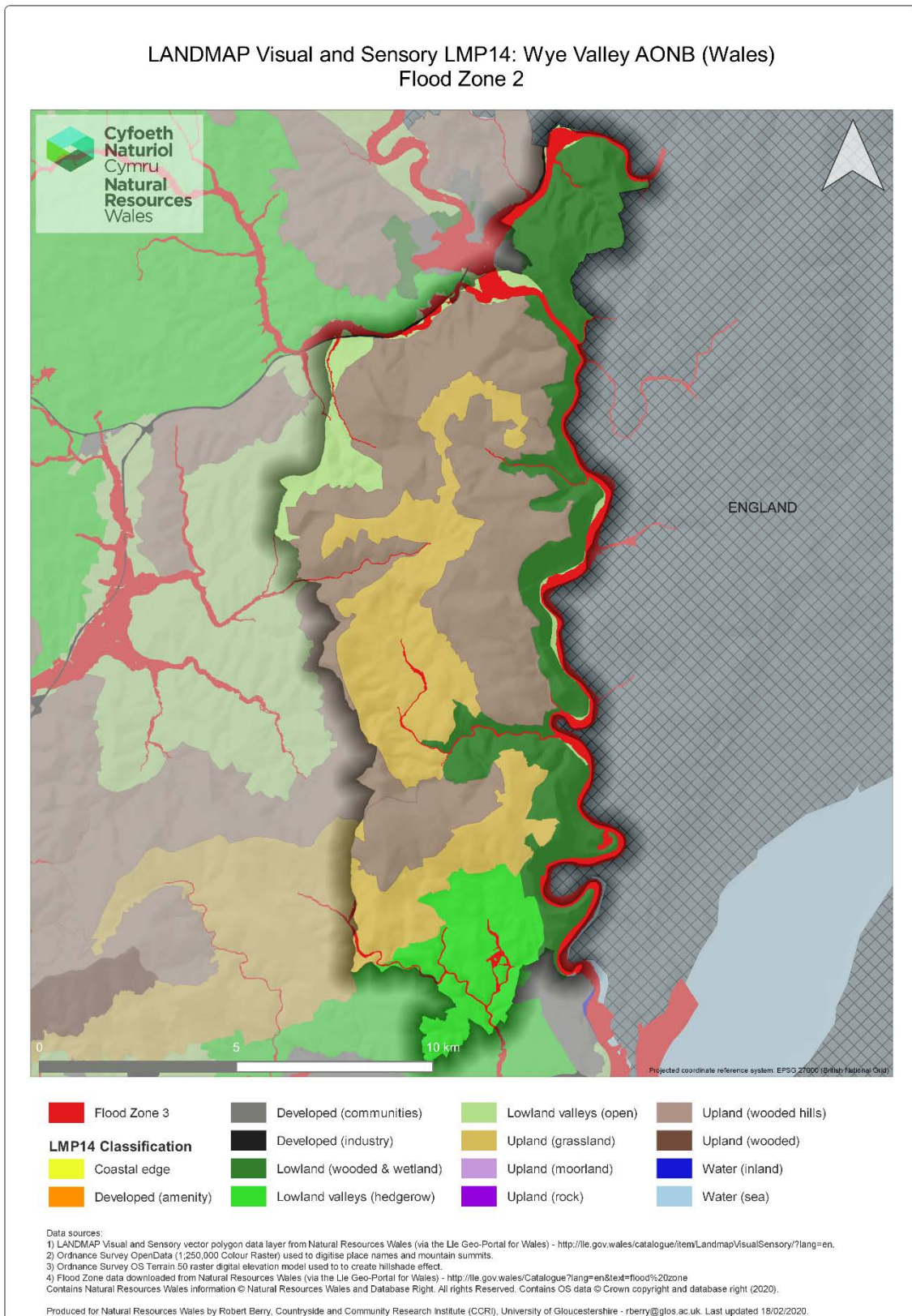


Figure 11.7 LMP14 landscape types with Flood Zone 3 (Wye Valley AONB (Wales))

Table 11.7 Flood Zone 3 area (km²) by LMP14 landscape types (highlighting Wye Valley AONB (Wales))⁶³

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	Total (km ²) Flood Zone 3
Anglesey AONB	30.34	0.07	0.34	0.02	0.51	1.73	4.63	0.00	0.01	0.00	0.00	0.25	0.00	5.93	43.83
Brecon Beacons National Park	0.00	0.00	0.61	0.05	0.57	0.25	16.58	5.04	2.33	0.00	0.04	12.69	7.80	0.00	45.96
Clwydian Range and Dee Valley AONB	0.00	0.00	0.14	0.04	0.32	5.76	1.75	0.51	0.13	0.00	0.63	0.30	0.17	0.00	9.75
Gower AONB	31.48	0.00	0.02	0.00	1.23	0.44	2.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.29
Llyn AONB	5.76	0.00	0.04	0.00	0.33	0.17	1.41	0.08	0.00	0.00	0.00	0.00	0.00	0.00	7.79
Pembrokeshire Coast National Park	14.54	0.13	0.28	0.00	2.96	2.41	3.09	1.73	0.00	0.00	0.00	0.00	10.09	0.00	35.23
Snowdonia National Park	28.37	0.00	1.10	0.00	6.73	11.41	26.33	8.80	5.61	0.22	2.80	2.35	13.52	9.81	117.05
Wye Valley AONB (Wales)	0.00	0.00	0.01	0.01	1.17	0.39	1.85	0.21	0.00	0.00	0.12	0.00	1.04	0.00	4.80
Total	110.49	0.20	2.54	0.12	13.82	22.56	57.76	16.37	8.08	0.22	3.59	15.59	32.62	15.74	299.70

⁶³ Other designated landscape areas shown for comparison

Table 11.8 Flood Zone 3 area as a % of total area of designated landscape, by LMP14 landscape types (Wye Valley AONB (Wales))⁶⁴

	Coastal edge	Developed (amenity)	Developed (communities)	Developed (industry)	Lowland (wooded & wetland)	Lowland valleys (hedgerow)	Lowland valleys (open)	Upland (grassland)	Upland (moorland)	Upland (rock)	Upland (wooded hills)	Upland (wooded)	Water (inland)	Water (sea)	% Total area of designated landscape
Anglesey AONB	13.89	0.03	0.16	0.01	0.23	0.79	2.12	0.00	0.00	0.00	0.00	0.11	0.00	2.71	20.05
Brecon Beacons National Park	0.00	0.00	0.05	0.00	0.04	0.02	1.23	0.37	0.17	0.00	0.00	0.94	0.58	0.00	3.40
Clwydian Range and Dee Valley AONB	0.00	0.00	0.04	0.01	0.08	1.48	0.45	0.13	0.03	0.00	0.16	0.08	0.04	0.00	2.50
Gower AONB	16.90	0.00	0.01	0.00	0.66	0.24	1.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.95
Llyn AONB	3.62	0.00	0.03	0.00	0.21	0.11	0.89	0.05	0.00	0.00	0.00	0.00	0.00	0.00	4.91
Pembrokeshire Coast National Park	2.39	0.02	0.05	0.00	0.49	0.40	0.51	0.28	0.00	0.00	0.00	0.00	1.66	0.00	5.80
Snowdonia National Park	1.33	0.00	0.05	0.00	0.31	0.53	1.23	0.41	0.26	0.01	0.13	0.11	0.63	0.46	5.46
Wye Valley AONB (Wales)	0.00	0.00	0.01	0.01	1.00	0.33	1.58	0.18	0.00	0.00	0.10	0.00	0.89	0.00	4.10

⁶⁴ Other designated landscape areas shown for comparison

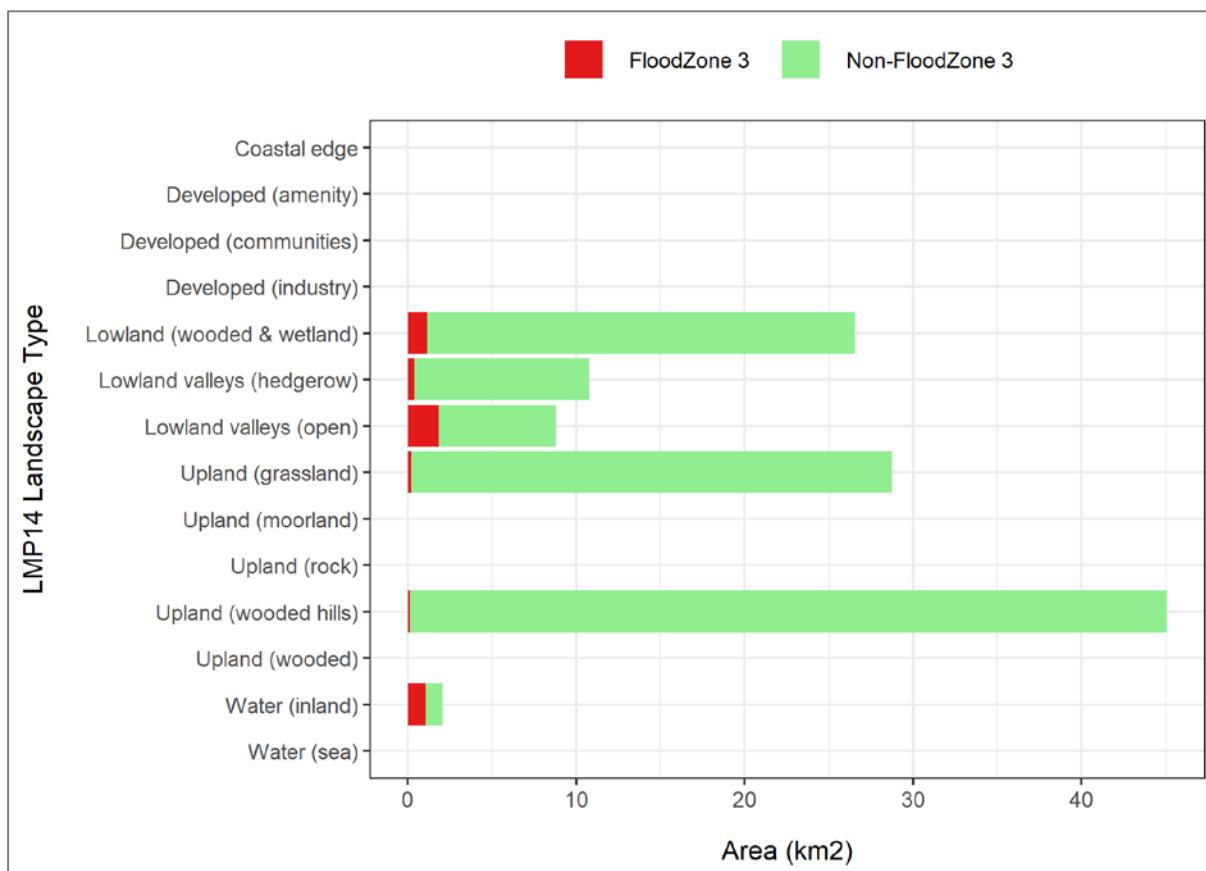


Figure 11.8 Flood Zone 3 area (km²) by LMP14 landscape type (Wye Valley AONB (Wales))

11.5. Boundary Type

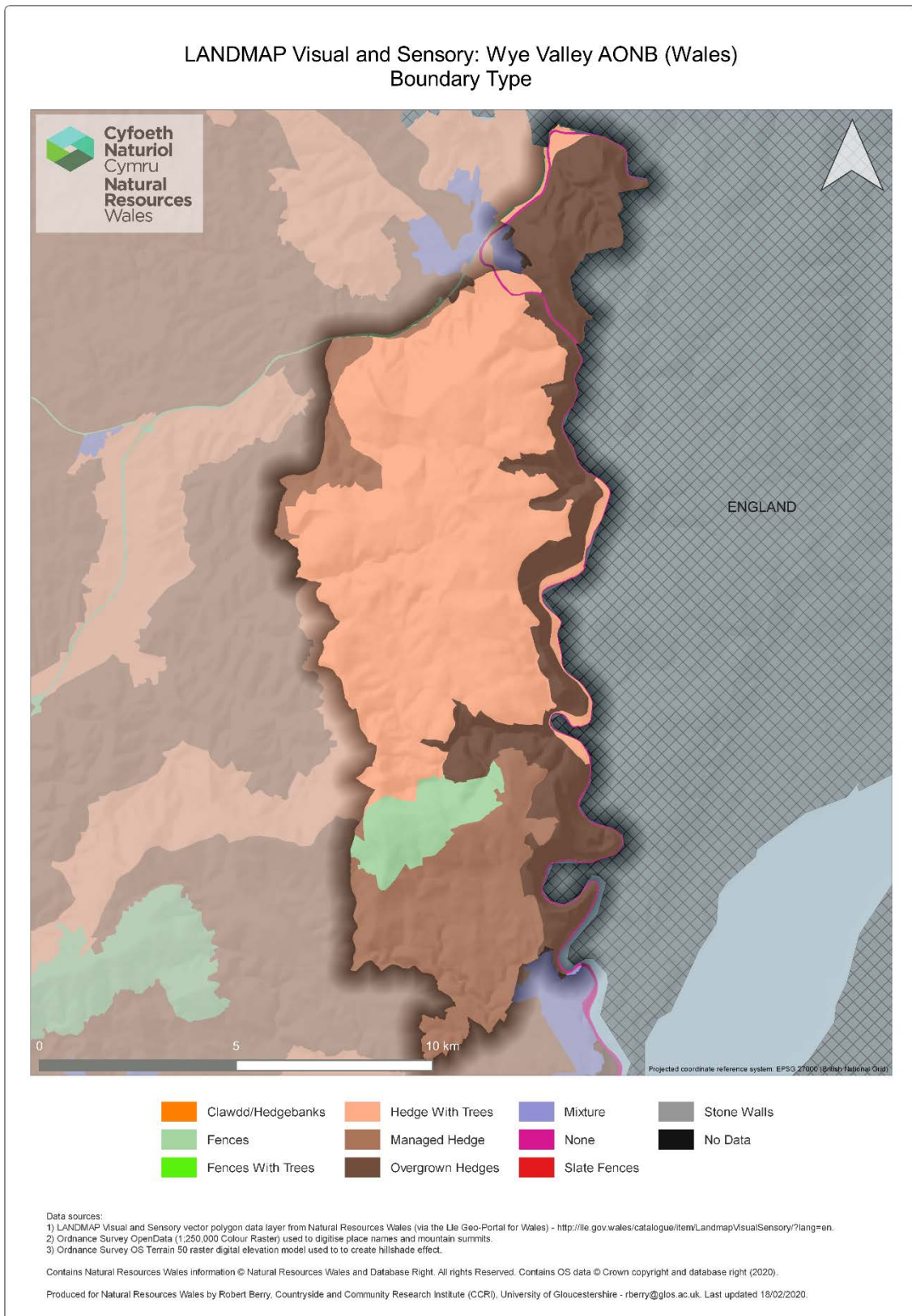


Figure 11.9 Predominant boundary type (Wye Valley AONB (Wales))

Table 11.9 Boundary type area (km²) by LMP14 landscape (Wye Valley AONB (Wales))

	Clawdd/ Hedge- banks	Fences	Fences with Trees	Hedge with Trees	Managed Hedge	Mixture	No Data	None	Overgrown Hedges	Slate Fences	Stone Walls	Total (km ²)
Coastal edge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Developed (amenity)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Developed (communities)	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.03
Developed (industry)	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
Lowland (wooded & wetland)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.38	0.00	0.00	25.38
Lowland valleys	0.00	0.00	0.00	0.00	10.37	0.00	0.00	0.00	0.00	0.00	0.00	10.37
Lowland valleys (open)	0.00	0.00	0.00	2.90	4.04	0.00	0.00	0.00	0.00	0.00	0.00	6.94
Upland (grassland)	0.00	0.00	0.00	19.34	9.20	0.00	0.00	0.00	0.00	0.00	0.00	28.54
Upland (moorland)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Upland (rock)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Upland (wooded hills)	0.00	5.86	0.00	39.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.95
Upland (wooded)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water (inland)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.04	0.00	0.00	0.00	1.04
Water (sea)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	5.89	0.00	61.33	23.61	0.03	0.00	1.04	25.38	0.00	0.00	117.28

Table 11.10 Boundary type area (% of designated landscape area) by LMP14 landscape (Wye Valley AONB (Wales))

	Clawdd/ Hedge- banks	Fences	Fences with Trees	Hedge with Trees	Managed Hedge	Mixture	No Data	None	Overgrown Hedges	Slate Fences	Stone Walls	% total area
Coastal edge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Developed (amenity)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Developed (communities)	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.03
Developed (industry)	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
Lowland (wooded & wetland)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.64	0.00	0.00	21.64
Lowland valleys	0.00	0.00	0.00	0.00	8.84	0.00	0.00	0.00	0.00	0.00	0.00	8.84
Lowland valleys (open)	0.00	0.00	0.00	2.47	3.44	0.00	0.00	0.00	0.00	0.00	0.00	5.91
Upland (grassland)	0.00	0.00	0.00	16.49	7.84	0.00	0.00	0.00	0.00	0.00	0.00	24.33
Upland (moorland)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Upland (rock)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Upland (wooded hills)	0.00	5.00	0.00	33.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.33
Upland (wooded)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water (inland)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.89	0.00	0.00	0.00	0.89
Water (sea)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

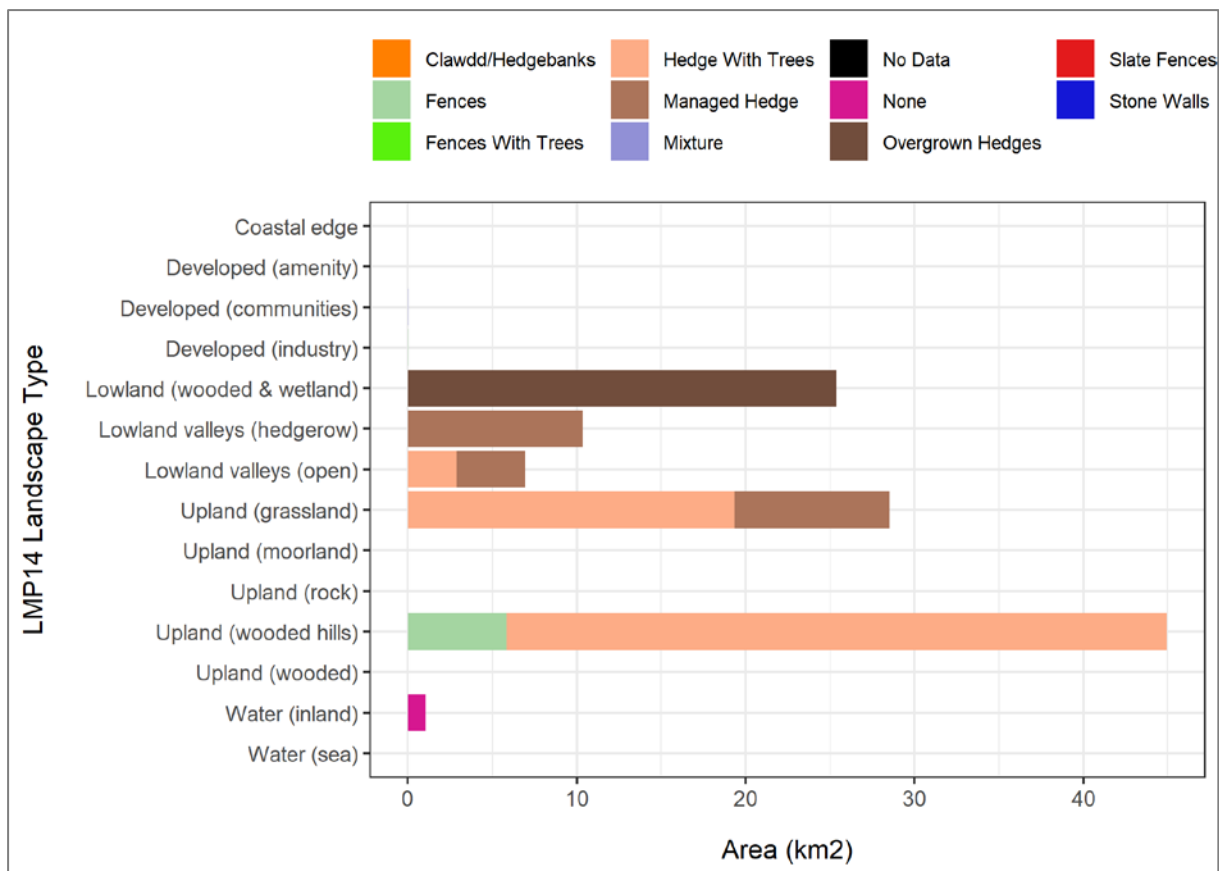


Figure 11.10 Boundary type (km²) by LMP14 landscape (Wye Valley AONB (Wales))

11.6. Overall Evaluation

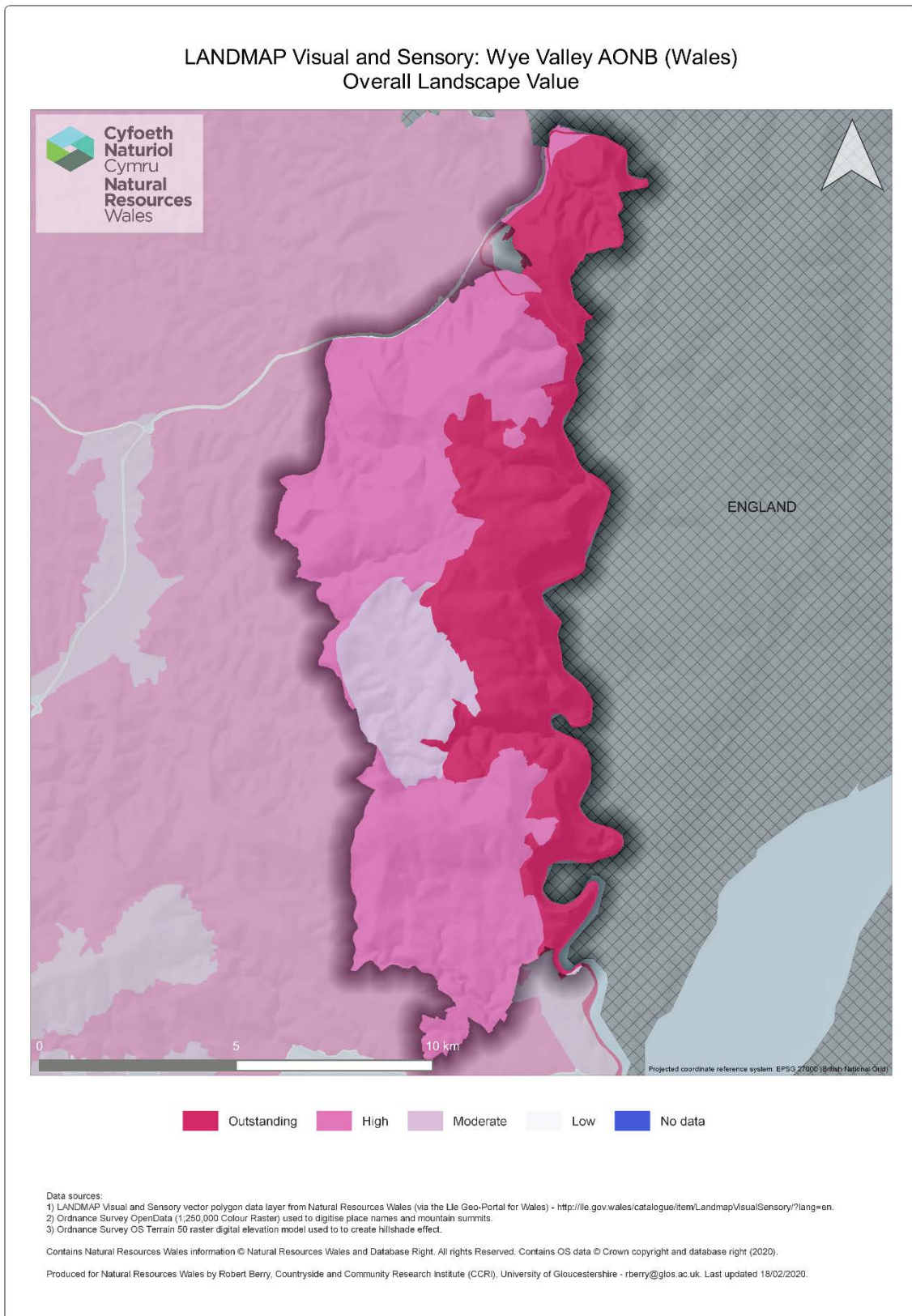


Figure 11.11 Overall landscape evaluation (Wye Valley AONB (Wales))

Table 11.11 Overall landscape evaluation (km²) by LMP14 landscape (Wye Valley AONB (Wales))

	Outstanding	High	Moderate	Low	No Data	Total km2
Coastal edge	0.00	0.00	0.00	0.00	0.00	0.00
Developed (amenity)	0.00	0.00	0.00	0.00	0.00	0.00
Developed (communities)	0.00	0.00	0.03	0.00	0.00	0.03
Developed (industry)	0.00	0.00	0.00	0.03	0.00	0.03
Lowland (wooded & wetland)	25.38	0.00	0.00	0.00	0.00	25.38
Lowland valleys (hedgerow)	0.00	10.37	0.00	0.00	0.00	10.37
Lowland valleys (open)	1.43	5.51	0.00	0.00	0.00	6.94
Upland (grassland)	0.00	16.92	11.62	0.00	0.00	28.54
Upland (moorland)	0.00	0.00	0.00	0.00	0.00	0.00
Upland (rock)	0.00	0.00	0.00	0.00	0.00	0.00
Upland (wooded hills)	16.68	28.27	0.00	0.00	0.00	44.95
Upland (wooded)	0.00	0.00	0.00	0.00	0.00	0.00
Water (inland)	1.04	0.00	0.00	0.00	0.00	1.04
Water (sea)	0.00	0.00	0.00	0.00	0.00	0.00
Total	44.53	61.07	11.65	0.03	0.00	117.28

Table 11.12 Overall landscape evaluation (% of designated landscape area) by LMP14 landscape (Wye Valley AONB (Wales))

	Outstanding	High	Moderate	Low	No Data	% total area
Coastal edge	0.00	0.00	0.00	0.00	0.00	0.00
Developed (amenity)	0.00	0.00	0.00	0.00	0.00	0.00
Developed (communities)	0.00	0.00	0.03	0.00	0.00	0.03
Developed (industry)	0.00	0.00	0.00	0.03	0.00	0.03
Lowland (wooded & wetland)	21.64	0.00	0.00	0.00	0.00	21.64
Lowland valleys (hedgerow)	0.00	8.84	0.00	0.00	0.00	8.84
Lowland valleys (open)	1.22	4.70	0.00	0.00	0.00	5.92
Upland (grassland)	0.00	14.43	9.91	0.00	0.00	24.34
Upland (moorland)	0.00	0.00	0.00	0.00	0.00	0.00
Upland (rock)	0.00	0.00	0.00	0.00	0.00	0.00
Upland (wooded hills)	14.22	24.10	0.00	0.00	0.00	38.32
Upland (wooded)	0.00	0.00	0.00	0.00	0.00	0.00
Water (inland)	0.89	0.00	0.00	0.00	0.00	0.89
Water (sea)	0.00	0.00	0.00	0.00	0.00	0.00

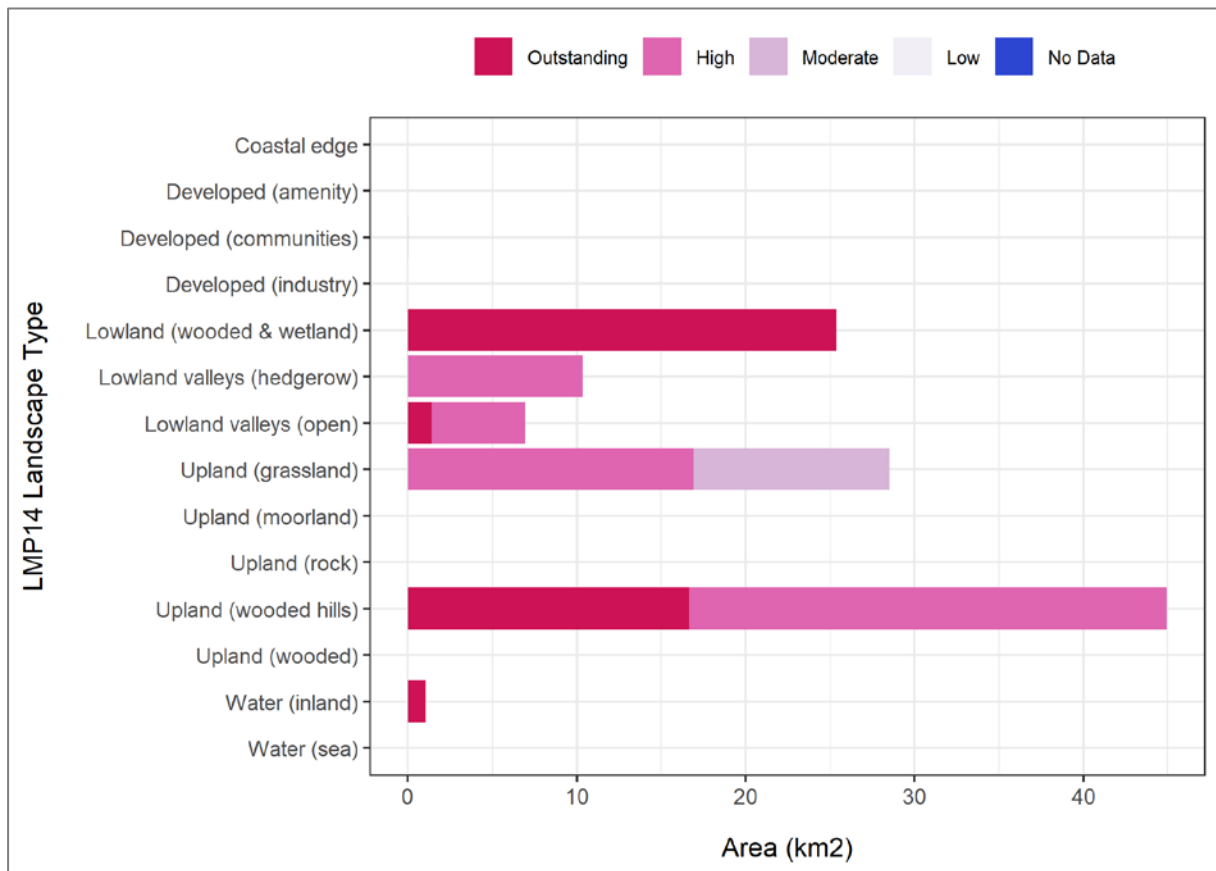


Figure 4.10 Overall evaluation (km²) by LMP14 landscape Wye Valley AONB (Wales)

12. Appendices

12.1. Data Archive Appendix

Data outputs associated with this project are archived in the Document Management System and the GIS server-based storage at Natural Resources Wales.

The data archive contains:

[A] The final report in Microsoft Word and Adobe PDF formats.

[B] A full set of maps produced in PDF and PNG format.

[C] An online Github code repository containing all of the R programming code and data resources (including QGIS map legend styles) used to for the landscape reclassification, mapping, spatial analysis and statistical analysis -

https://github.com/robertberryuk/LANDMAPClimate_Designated_Landscapes.

12.2. Project Metadata Table

Table 9.8 Metadata table for spatial data layers used in the project

Theme	Data Layer Name	Source	Spatial Resolution / Geographical Units / Scale	Update frequency	Reference / collection / publication date	Data Type (raster / vector)	Data Format	Spatial Reference System	Access Constraints
Hydrology	Flood Zone 2	NRW, EA via Lle GeoPortal	N/A	Quarterly	2019	Vector	ESRI Shape (.shp)	British National Grid (ESPG:27700)	Open data
	Flood Zone 3	NRW, EA via Lle GeoPortal	N/A	Quarterly	2019	Vector	ESRI Shape (.shp)	British National Grid (ESPG:27700)	Open data
Landform / Elevation	OS Terrain 50	Ordnance Survey	50x50m	Annual	2019	Raster	ASCII Grid (.asc)	British National Grid (ESPG:27700)	Open data
LANDMAP	LANDMAP Visual and Sensory data layer	NRW via Lle GePortal	LANDMAP Aspect Areas	As needed	2019	Vector	ESRI Shape (.shp)	British National Grid (ESPG:27700)	Open data
Administrative Boundaries	Boundary-Line	Ordnance Survey	N/A	Biannual	2019	Vector	ESRI Shape (.shp)	British National Grid (ESPG:27700)	Open data



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