

PROTECTED PEATLANDS?



A SPATIAL ANALYSIS OF SCOTLAND'S PROTECTED AREAS AND PRIORITY PEATLANDS

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Introduction

Table 1. Dat	a Sources		<u>Workflow</u>
Data	Carrier	Pre-	ERSECT PEATLAN



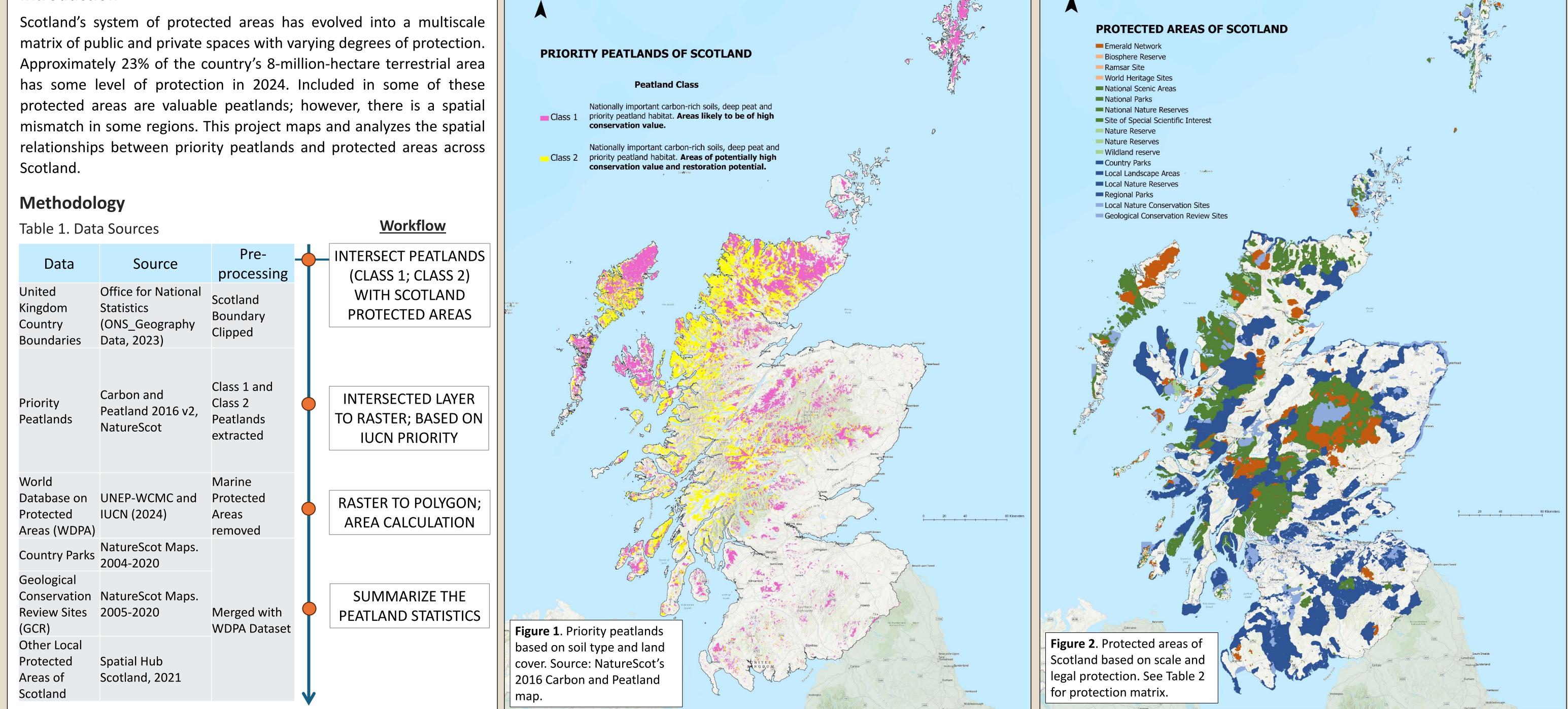
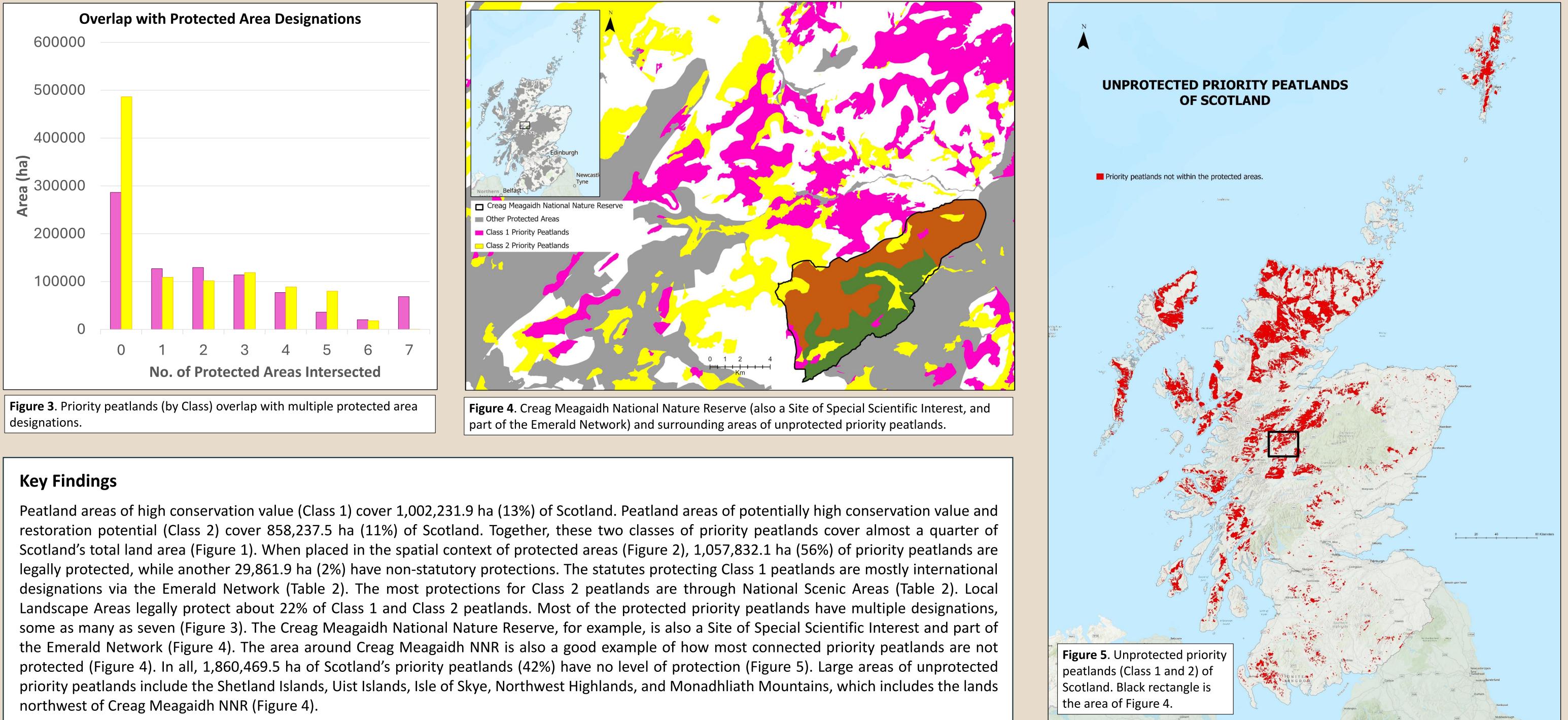


Table 2. Distribution of protected priority peatlands by class (Figure 1) and organized by the NatureScot protected areas framework (Figure 2). In the case of multiple designations (see Figure 3), the designation with the highest level of protection (or IUCN priority) was used.

SCALE /	LOCAL	Priority P	Peatlands	NATIONAL	Priority Peatlands			INT	TERNATIONAL	Priority Peatlands			
LEGAL		Class 1	Class 2		Class 1		Class 2			Class 1		Class 2	
PROTECTION		Area (ha) %	Area (ha) %		Area (ha)	%	Area (ha)	%		Area (ha)	%	Area (ha)	%

STATUTORY	Country Parks	45.6	<0.1	0	0	National Scenic Areas	70,948.0	12.4	198,240.2	38.4	Emerald Network	307,661.3	53.8	165,860.3	32.1
	Local Landscape Areas	127,694.8	22.3	112,351.9	21.8	National Parks	36,332.9	6.4	24,135.5	4.7					
	Local Nature Reserves	147.1	<0.1	0	0	National Nature Reserves	848.8	0.2	30.8	<0.1					
	Regional Parks	2,771.3	0.5	4.7	<0.1	Sites of Special Scientific Interest	7,376.6	1.3	3,382.3	0.7					
NON-STATUTORY	Local Nature Conservation	10,745.7	1.9	499.6	0.10	Wildland Reserve	667.7	0.1	179.1	<0.1	Biosphere Reserve	837.2	0.2	1,901.7	0.4
	Sites					Nature Reserve	2,476.2	0.4	1,932.3	0.4	Ramsar Sites	0	0	0	0
	Geological Conservation					Nature Reserves					World Heritage Sites	0	0	0	0
	Review Sites (GCR)	3,231.4	0.6	7,310.9	1.4		80.0	< 0.1	0.1	< 0.1	(natural or mixed)				

Notes: The World Database on Protected Areas (WDPA) categories were added to the NatureScot Protection Areas were not used in our analysis. All Ramsar Sites are part of the Emerald Network, and thus included in the higher protection category. Forest Parks and Reserves (Woodland, Forest Park, Forest Nature Reserve, Caledonian Forest Reserve) are managed by FCS (Forestry Commission Scotland), and these designations may overlap with, and gain statutory protection from, a Site of Special Scientific Interest and/or Emerald Network. GeoParks and Biogenetic Reserves overlap with other protected areas like World Heritage Sites and National Nature Reserve.



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