

Supplementary information

This information should be used alongside the detailed description of multi-criteria decision analysis value scoring presented in Kuller *et al* (2019):

Kuller M., Bach P. M., Roberts S., Browne D. & Deletic A. 2019 'A planning-support tool for spatial suitability assessment of green urban stormwater infrastructure', *Science of the Total Environment*. Elsevier B.V., 686, pp. 856–868. doi: 10.1016/j.scitotenv.2019.06.051.

Table S1. Value scoring for land cover type.

Land cover type	Land cover code	Wetlands	Ponds	Raingardens	Green roofs	Rain tanks	Swales	Infiltration (basins, soakaways, etc)
Deciduous woodland	1	Mask	25	50	Void	Void	50	25
Coniferous woodland	2	Mask	25	50	Void	Void	50	25
Arable	3	50	50	50	Void	Void	75	75
Improved grassland	4	50	50	50	Void	Void	75	75
Neutral grassland	5	50	50	50	Void	Void	75	75
Calcareous grassland	6	50	50	50	Void	Void	75	75
Acid grassland	7	50	50	50	Void	Void	75	75
Fen	8	75	75	75	Void	Void	Mask	Mask
Heather	9	50	50	50	Void	Void	75	50
Heather grassland	10	50	50	50	Void	Void	75	50
Bog	11	100	100	75	Void	Void	Mask	Mask
Inland rock	12	Mask	25	25	Void	Void	Mask	Mask
Saltwater	13	Mask	Mask	Mask	Void	Void	Mask	Mask
Freshwater	14	Mask	Mask	Mask	Void	Void	Mask	Mask
Supralittoral rock	15	Mask	Mask	Mask	Void	Void	Mask	Mask
Supralittoral sediment	16	Mask	Mask	Mask	Void	Void	Mask	Mask
Littoral rock	17	Mask	Mask	Mask	Void	Void	Mask	Mask
Littoral sediment	18	Mask	Mask	Mask	Void	Void	Mask	Mask
Saltmarsh	19	50	Mask	Mask	Void	Void	Mask	Mask
Urban	20	Void	Void	Void	Void	Void	Void	Void
Suburban	21	Void	Void	Void	Void	Void	Void	Void

Table S2. Value scoring for road types.

Road type	Wetlands	Ponds	Raingardens	Green roofs	Rain tanks	Swales	Infiltration (basins, soakaways, etc)
A Road	N/A	N/A	0	N/A	N/A	25	N/A
B Road	N/A	N/A	0	N/A	N/A	75	N/A
Local Access Road	N/A	N/A	100	N/A	N/A	25	N/A
Local Road	N/A	N/A	100	N/A	N/A	100	N/A
Minor Road	N/A	N/A	50	N/A	N/A	100	N/A
Motorway	N/A	N/A	0	N/A	N/A	0	N/A
Restricted Local Access Road	N/A	N/A	100	N/A	N/A	25	N/A
Secondary Access Road	N/A	N/A	100	N/A	N/A	25	N/A

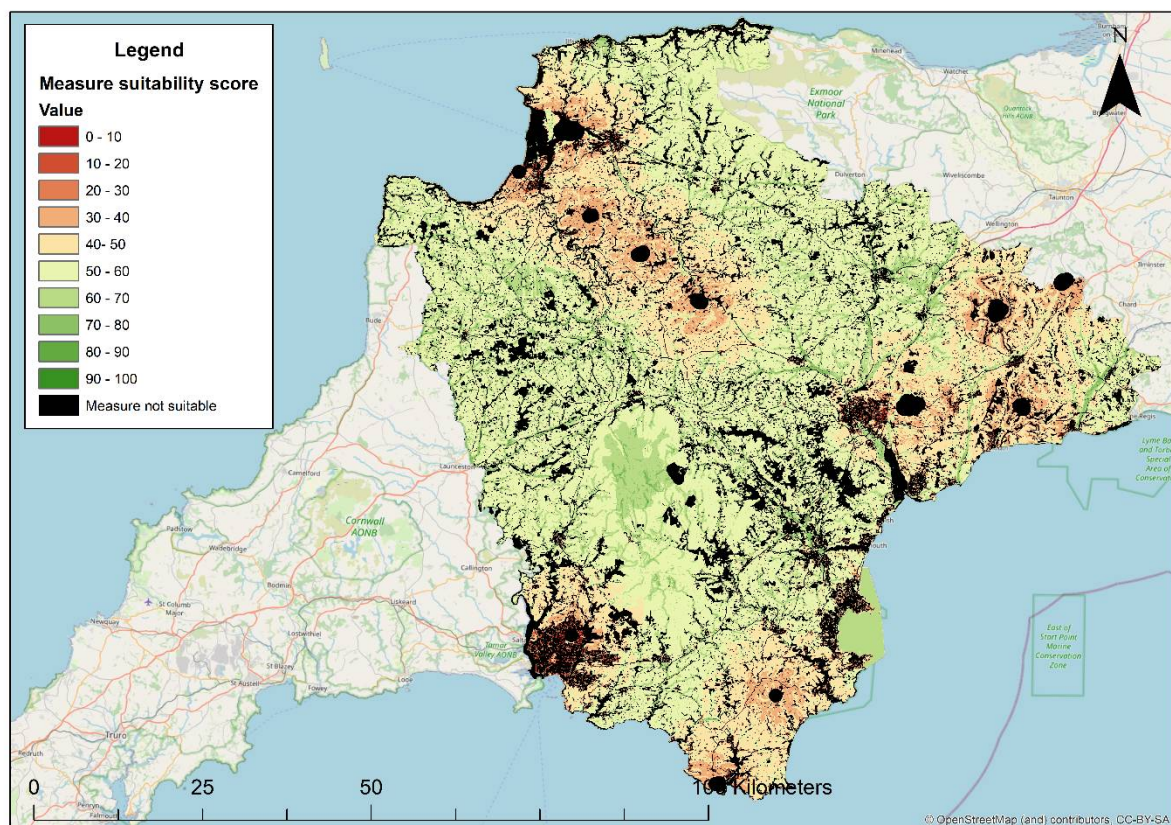


Figure S1. Opportunity map showing potential locations for wetlands in Devon.

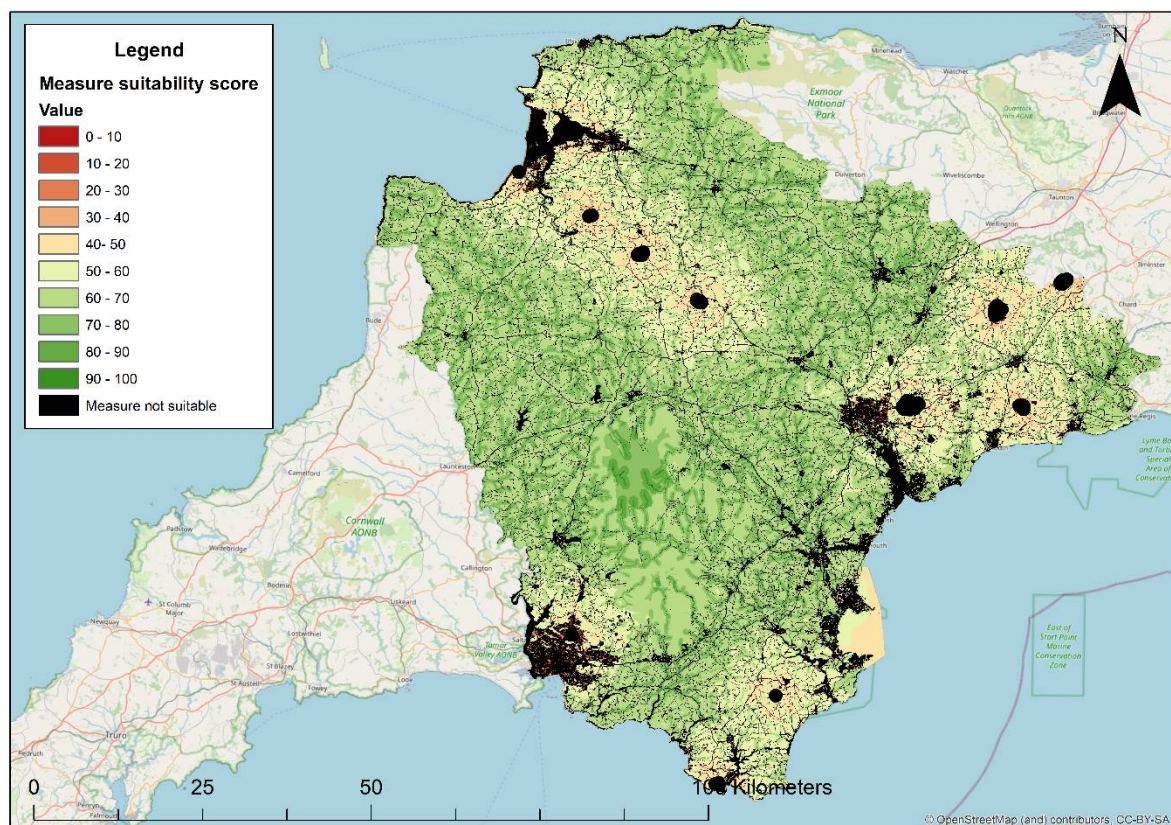


Figure S2. Opportunity map showing potential locations for ponds in Devon.

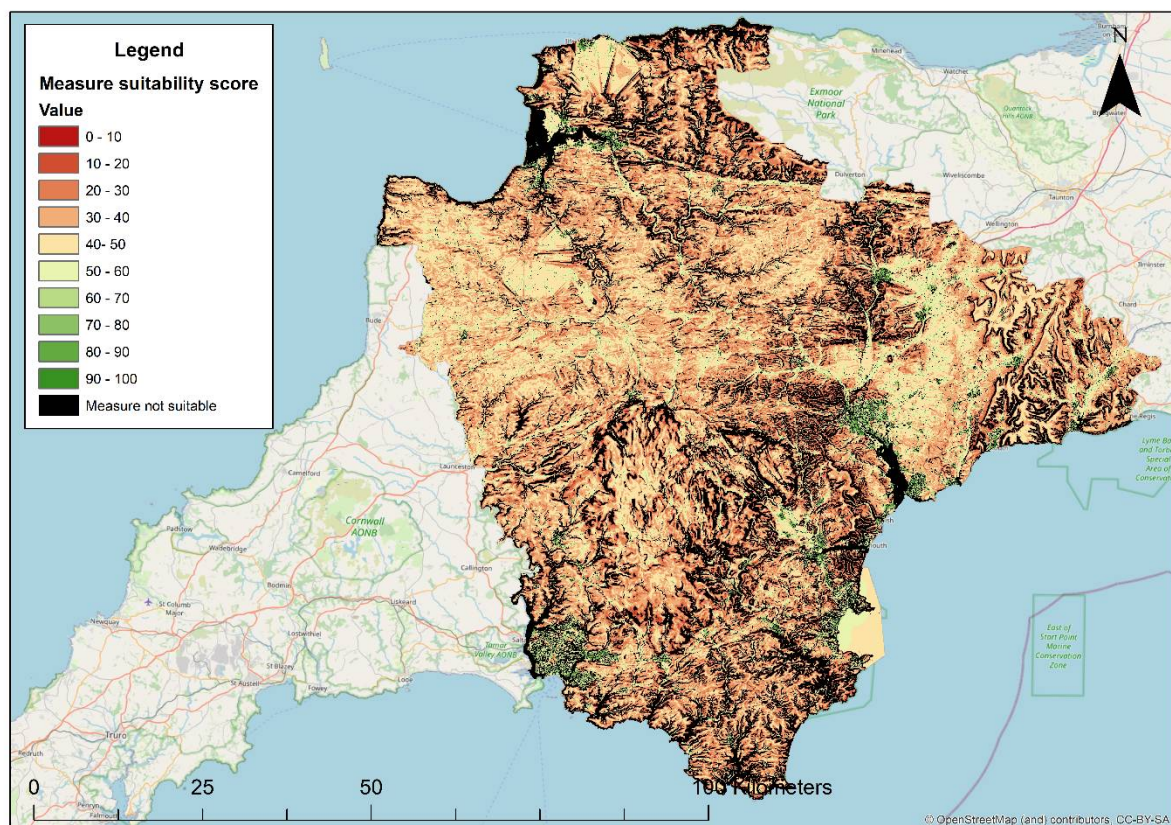


Figure S3. Opportunity map showing potential locations for rain gardens in Devon.

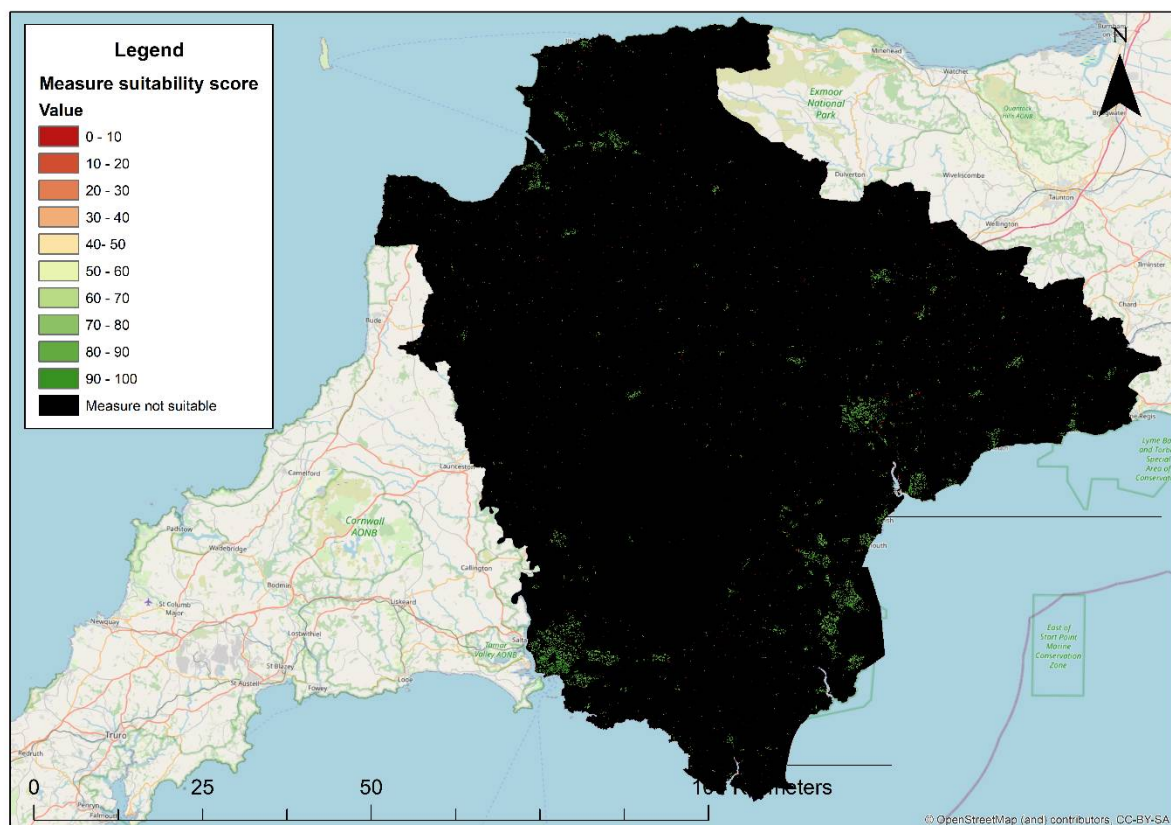


Figure S4. Opportunity map showing potential locations for green roofs in Devon.

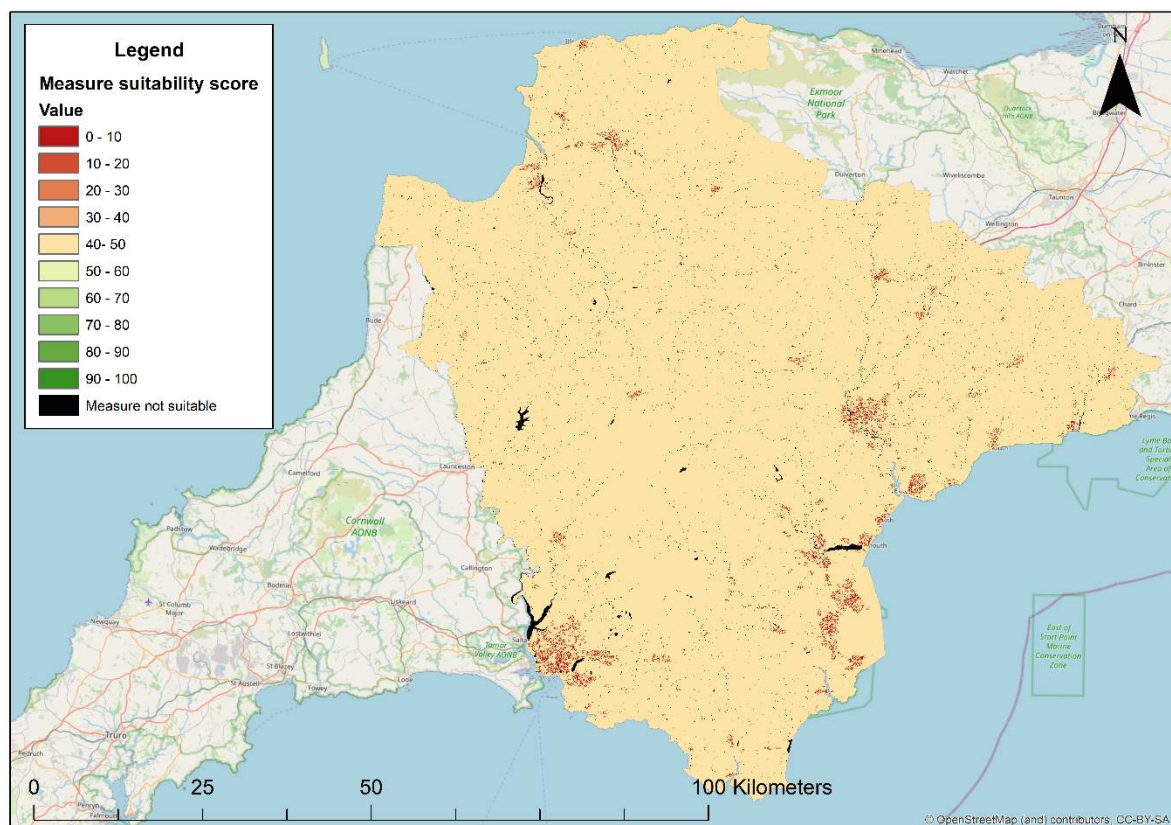


Figure S5. Opportunity map showing potential locations for rain tanks in Devon.

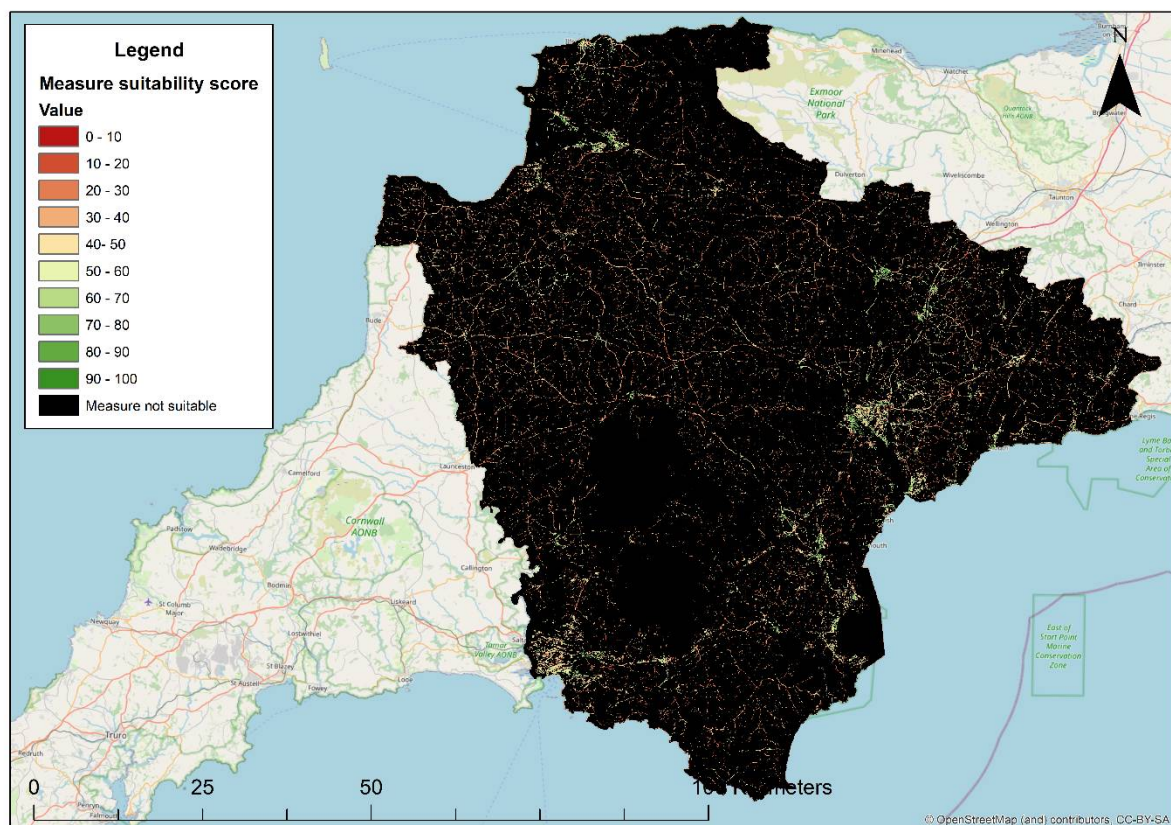


Figure S6. Opportunity map showing potential locations for swales in Devon.

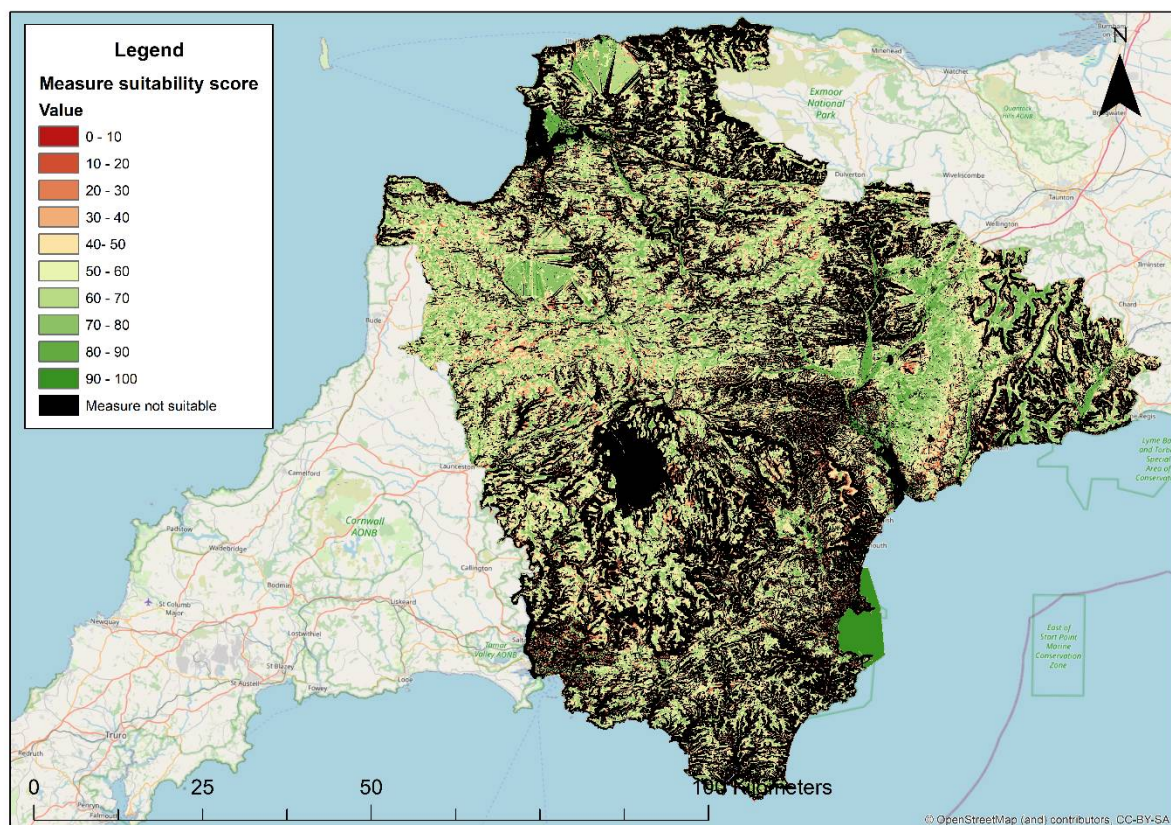


Figure S7. Opportunity map showing potential locations for infiltration measures in Devon.

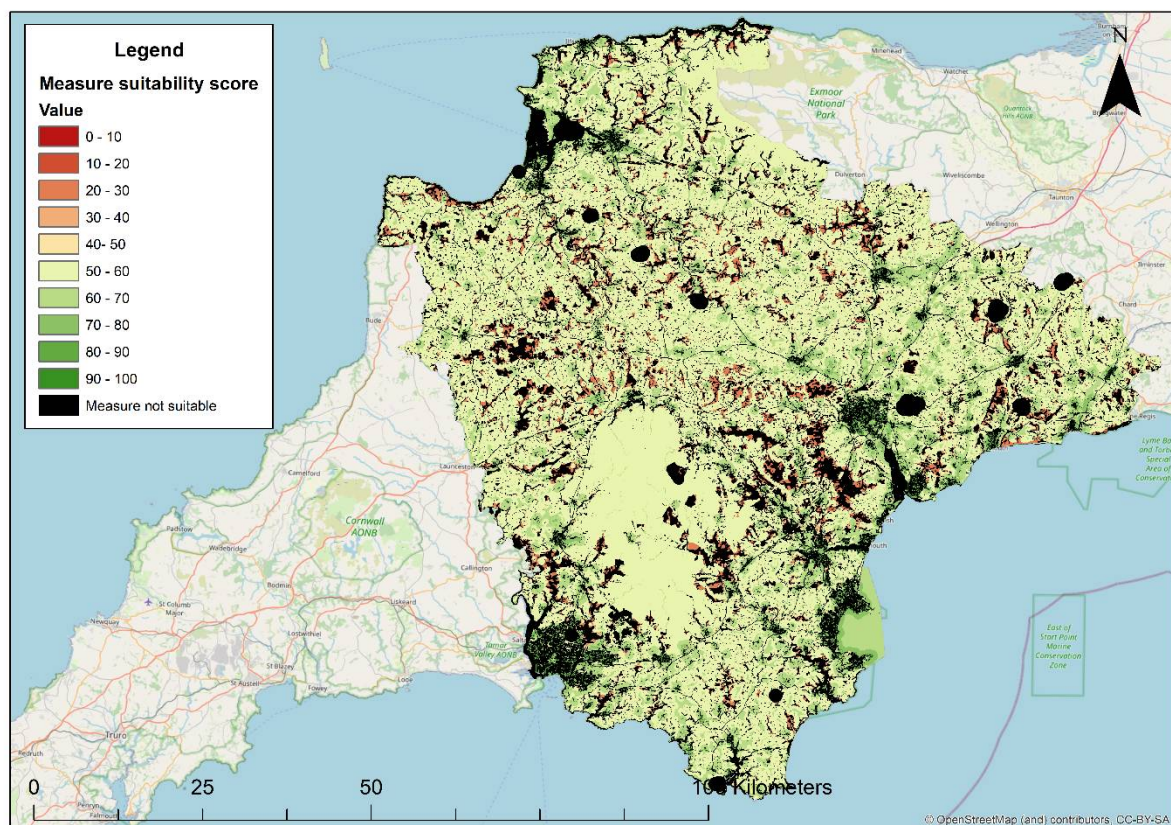


Figure S8. Needs map showing requirement for the benefits of wetlands in Devon.

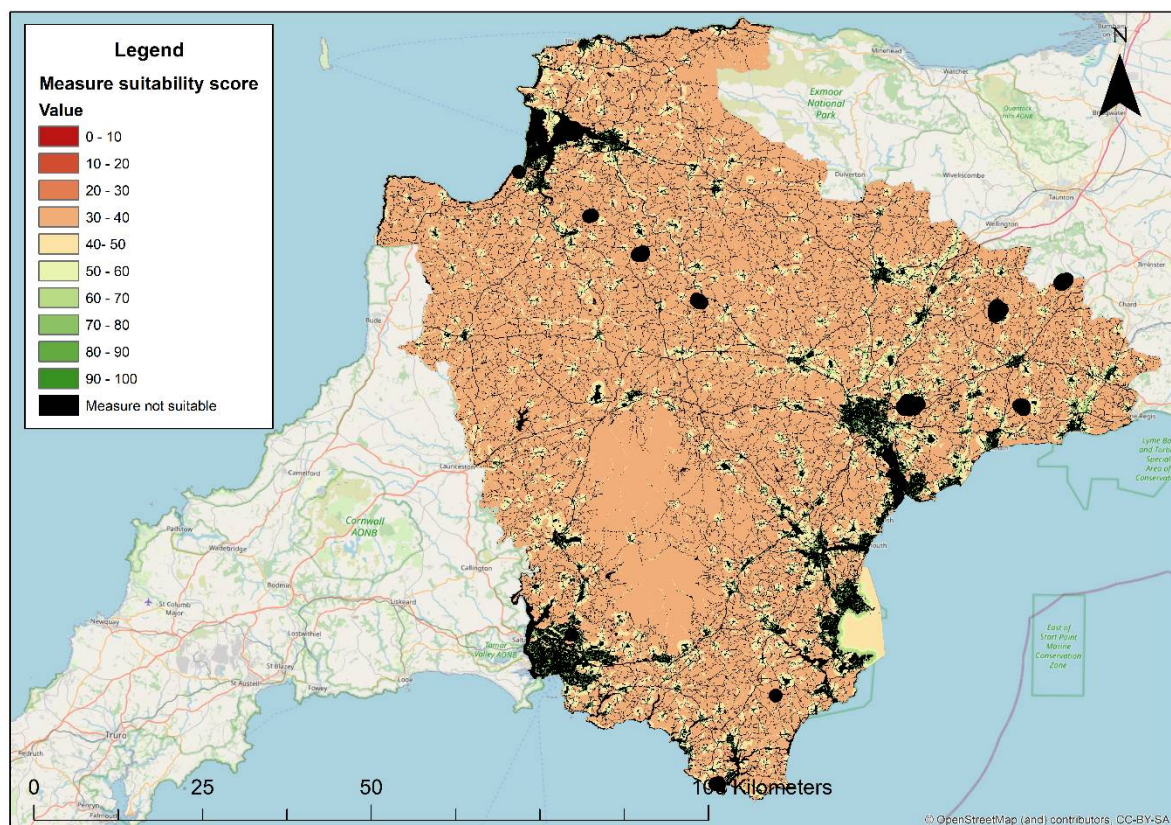


Figure S9. Needs map showing requirement for the benefits of ponds in Devon.

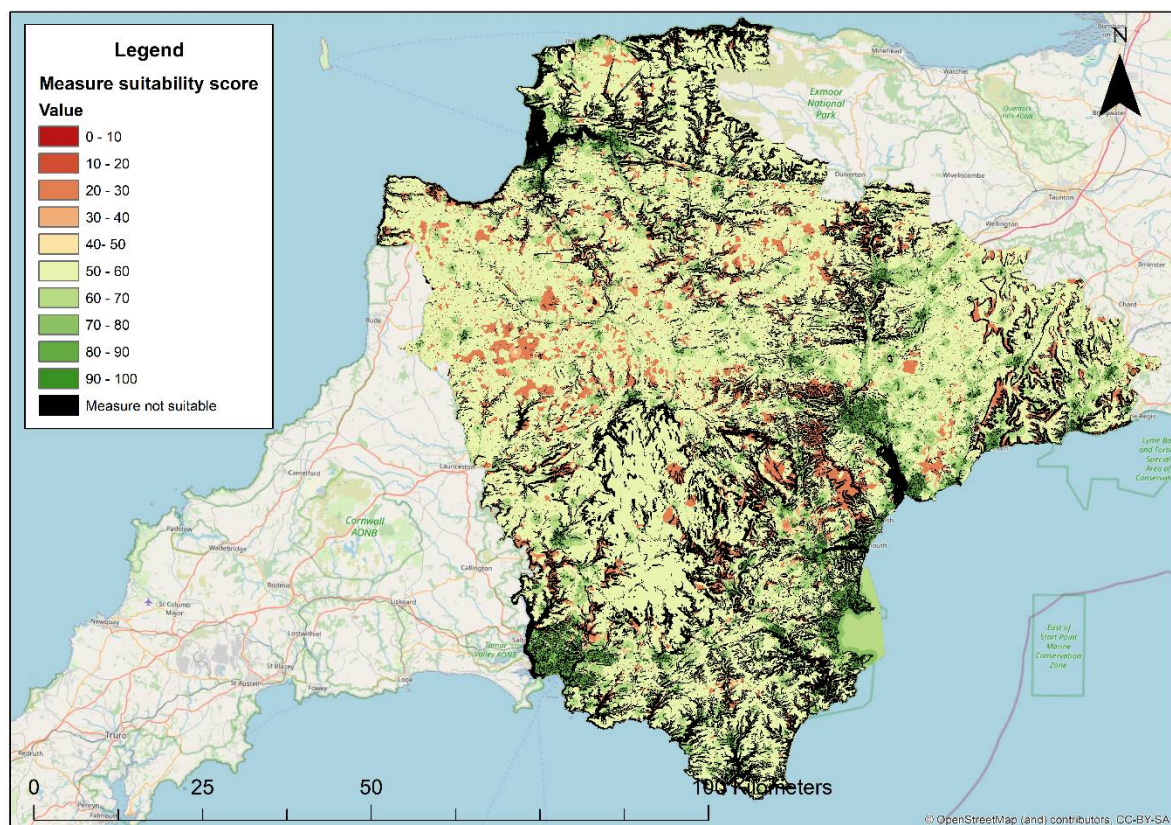


Figure S10. Needs map showing requirement for the benefits of rain gardens in Devon.

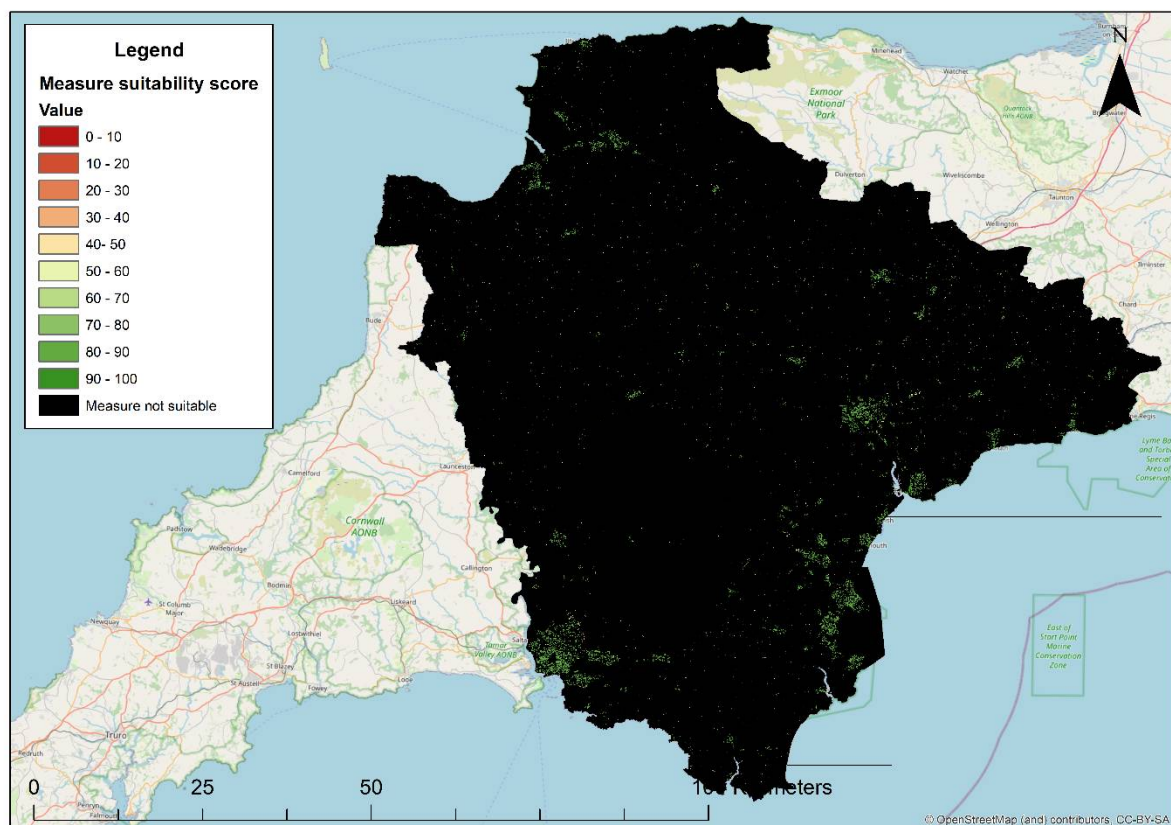


Figure S11. Needs map showing requirement for the benefits of green roofs in Devon.

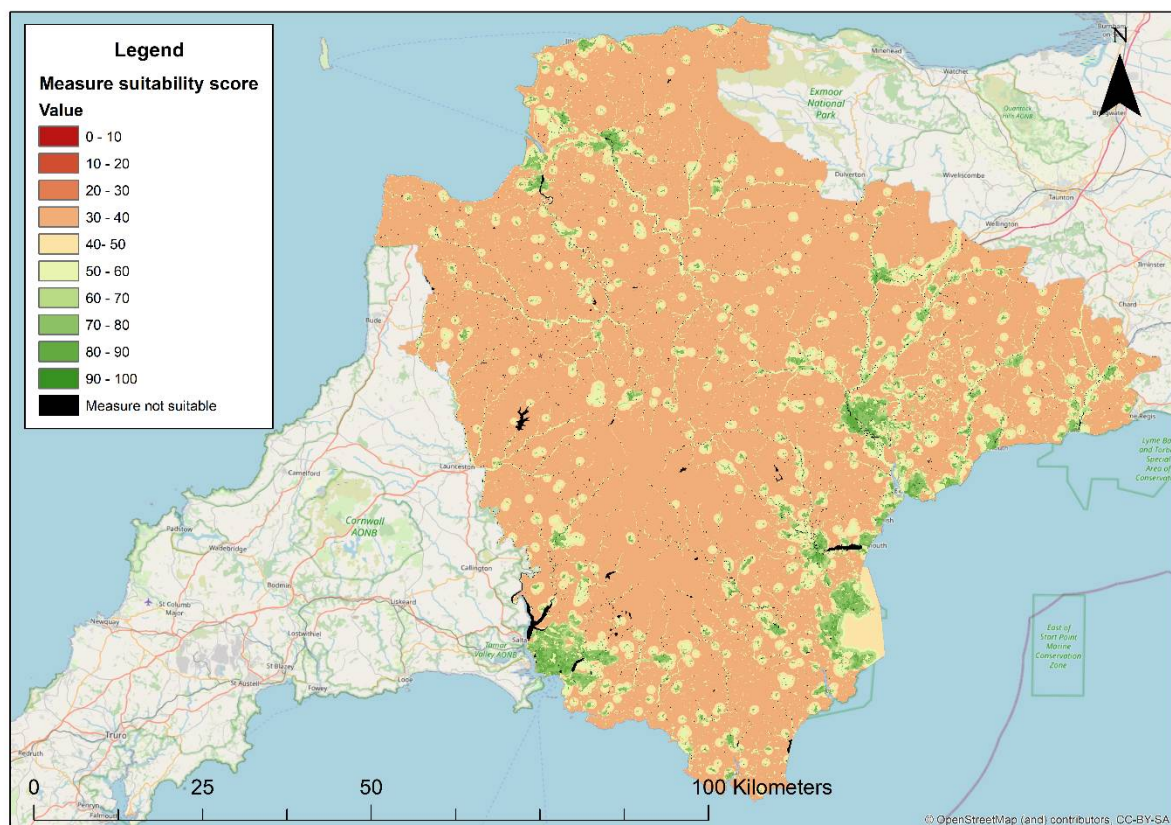


Figure S12. Needs map showing requirement for the benefits of rain tanks in Devon.

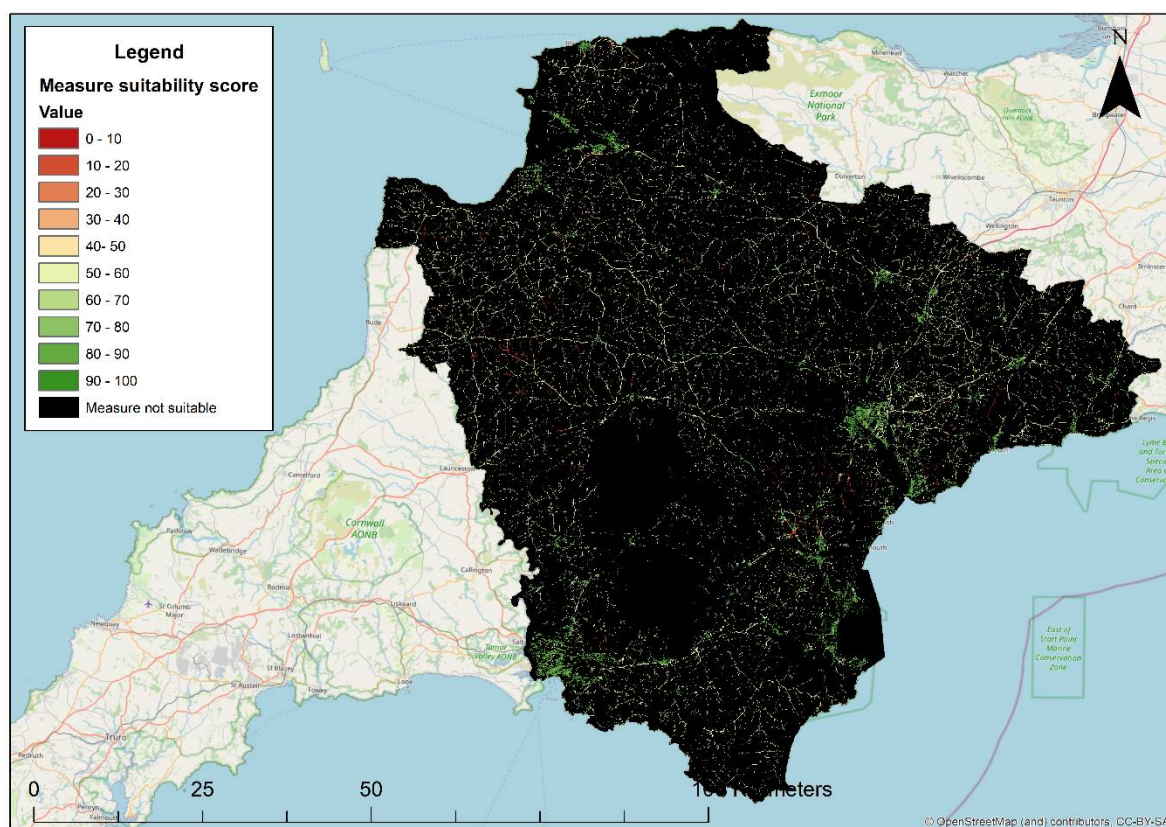


Figure S13. Needs map showing requirement for the benefits of swales in Devon.

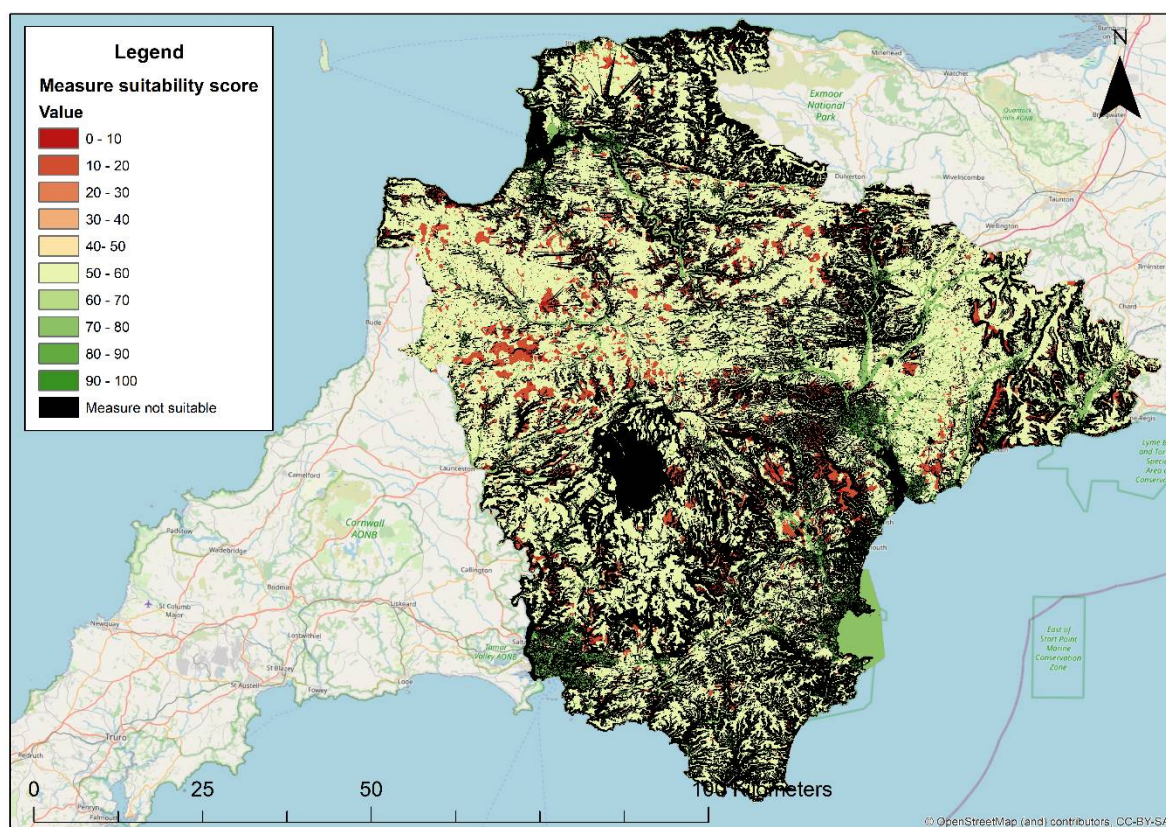


Figure S14. Needs map showing requirement for the benefits of infiltration measures in Devon.