

Supplementary Material for: *Valuing Access to the Coast: The Public Value of Coastal Public Spaces in Cumberland.*

Note: Tables S1–S22 report full response distributions for each survey item, including counts (n), percentage of the total sample (n = 326), and percentage of valid respondents (excluding ‘No answer’), as appropriate. Table S23 summarises Schwartz’s value sets and their groupings. Table S24 provides the value statement wording, domain mapping and brief justification.

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Additional analysis of access comments.

- **Table S25.** Open-ended access comments by reported ease of access

Table S1. Do you visit coastal spaces in Cumberland?

Response option	Count (n)	Percentage of total (%)	Percentage of respondents (%)
Yes, often	249	76.4	88.9
Yes, occasionally	30	9.2	10.7
No, not really	1	0.3	0.4
No answer	46	14.1	–
Total	326	100.0	–

Table S2. In general, how easy is it for you to access these coastal spaces?

Response option	Count (n)	Percentage of total (%)	Percentage of respondents (%)
Easy	163	50.0	56.4
Somewhat easy	76	23.3	26.3
Somewhat difficult	41	12.6	14.2
Difficult	9	2.8	3.1
No answer	37	11.3	–
Total	326	100.0	–

Table S3. How important to you is access to these coastal spaces?

Response option	Count (n)	Percentage of total (%)	Percentage of respondents (%)
Very important	241	73.9	83.1
Somewhat important	46	14.1	15.9
Somewhat unimportant	3	0.9	1.0
Unimportant	0	0.0	0.0
I am not sure	0	0.0	0.0
No answer	36	11.0	–
Total	326	100.0	–

Table S4. How much do you value the public spaces (such as those mentioned in the last question) on the Cumberland coast?

Response option	Count (n)	Percentage of total (%)	Percentage of respondents (%)
A great deal	199	61.0	68.2
A lot	80	24.5	27.4
A moderate amount	9	2.8	3.1
A little	3	0.9	1.0
Not at all	1	0.3	0.3
No answer	34	10.4	-
Total	326	100.0	-

Table S5. Which of the following matter to you the most in Coastal Cumberland? Tick all that apply.

Feature	Count (n)	Percentage of those who answered (%)
Beaches	259	87.8
Coastal footpaths or bridleways	230	78.0
Harbours	198	67.1
Green/natural spaces next to the coast	194	65.8
Public toilets on the coast	179	60.7
Car Parks at the coast	173	58.6
Promenades	167	56.6
Coastal Parks and seating areas	145	49.2
Coastal heritage sites	141	47.8
Cafes and eating places	135	45.8
Bus routes along or to the coast	131	44.4
Train line along the coast	129	43.7
Events that take place on the coast	118	40.0
Coastal playgrounds for children	110	37.3
Coastal picnic areas	95	32.2
Availability of watersports	83	28.1
Shops on the coast	68	23.1
Other*	21	7.1

Notes:

- 1) Multiple responses permitted but number of respondents was 295.
- 2) *Other – respondents had the option to specify, and comments were: clean seawater; harbours; health, safety, pleasant environment for communities; low cost housing available to only locals; coastal cycle routes; wheelchair accessibility; wildlife.

Table S6. Coastal public spaces give people freedom to explore and follow their own interests.

Response option	Count (n)	Percentage of total (%)	Percentage of respondents (%)
Agree / Mostly agree	262	80.4	93.6
Neither agree nor disagree	18	5.5	6.4
Disagree / Mostly disagree	0	0.0	0.0
No answer	46	14.1	–
Total	326	100.0	–

Table S7. Coastal public spaces offer stimulating, or new, experiences.

Response option	Count (n)	Percentage of total (%)	Percentage of respondents (%)
Agree / Mostly agree	237	72.7	83.5
Neither agree nor disagree	42	12.9	14.8
Disagree / Mostly disagree	5	1.5	1.8
No answer	42	12.9	–
Total	326	100.0	–

Table S8. Coastal public spaces are enjoyable places to spend time.

Response option	Count (n)	Percentage of total (%)	Percentage of respondents (%)
Agree / Mostly agree	279	85.6	98.2
Neither agree nor disagree	5	1.5	1.8
Disagree / Mostly disagree	0	0.0	0.0
No answer	42	12.9	–
Total	326	100.0	–

Table S9. Coastal public spaces help people to achieve personal goals or shared activities/goals with others.

Response option	Count (n)	Percentage of total (%)	Percentage of respondents (%)
Agree / Mostly agree	176	54.0	62.2
Neither agree nor disagree	103	31.6	36.4
Disagree / Mostly disagree	4	1.2	1.4
No answer	43	13.2	–
Total	326	100.0	–

Table S10. Coastal public spaces add to the pride and reputation of the local area.

Response option	Count (n)	Percentage of total (%)	Percentage of respondents (%)
Agree / Mostly agree	258	79.1	90.8
Neither agree nor disagree	20	6.1	7.0
Disagree / Mostly disagree	6	1.8	2.1
No answer	42	12.9	–
Total	326	100.0	–

Table S11. Coastal public spaces are places where people feel at ease and relaxed.

Response option	Count (n)	Percentage of total (%)	Percentage of respondents (%)
Agree / Mostly agree	267	81.9	94.0
Neither agree nor disagree	17	5.2	6.0
Disagree / Mostly disagree	0	0.0	0.0
No answer	42	12.9	–
Total	326	100.0	–

Table S12. Coastal public spaces encourage respect for shared use and responsibilities.

Response option	Count (n)	Percentage of total (%)	Percentage of respondents (%)
Agree / Mostly agree	172	52.8	60.8
Neither agree nor disagree	90	27.6	31.8
Disagree / Mostly disagree	21	6.4	7.4
No answer	43	13.2	–
Total	326	100.0	–

Table S13. Coastal public spaces help people connect with local stories, customs and cultural identity.

Response option	Count (n)	Percentage of total (%)	Percentage of respondents (%)
Agree / Mostly agree	202	62.0	71.1
Neither agree nor disagree	72	22.1	25.4
Disagree / Mostly disagree	10	3.1	3.5
No answer	42	12.9	–
Total	326	100.0	–

Table S14. Coastal public spaces strengthen community bonds and social connections.

Response option	Count (n)	Percentage of total (%)	Percentage of respondents (%)
Agree / Mostly agree	180	55.2	63.6
Neither agree nor disagree	91	27.9	32.2
Disagree / Mostly disagree	12	3.7	4.2
No answer	43	13.2	–
Total	326	100.0	–

Table S15. Coastal public spaces promote connection with, and valuing of, nature.

Response option	Count (n)	Percentage of total (%)	Percentage of respondents (%)
Agree / Mostly agree	247	75.8	87.0
Neither agree nor disagree	33	10.1	11.6
Disagree / Mostly disagree	4	1.2	1.4
No answer	42	12.9	–
Total	326	100.0	–

Table S16. Spending time in these coastal spaces is good for our wellbeing.

Response option	Count (n)	Percentage of total (%)	Percentage of respondents (%)
Agree / Mostly agree	269	82.5	98.2
Neither agree nor disagree	5	1.5	1.8
Disagree / Mostly disagree	0	0.0	0.0
No answer	52	16.0	–
Total	326	100.0	–

Table S17. Spending time in these coastal spaces improves quality of life.

Response option	Count (n)	Percentage of total (%)	Percentage of respondents (%)
Agree / Mostly agree	272	83.4	96.1
Neither agree nor disagree	9	2.8	3.2
Disagree / Mostly disagree	2	0.6	0.7
No answer	43	13.2	–
Total	326	100.0	–

Table S18. I value my leisure time in these settings.

Response option	Count (n)	Percentage of total (%)	Percentage of respondents (%)
Agree / Mostly agree	272	83.4	96.1
Neither agree nor disagree	10	3.1	3.5
Disagree / Mostly disagree	1	0.3	0.4
No answer	43	13.2	–
Total	326	100.0	–

Table S19. New coastal developments, particularly those affecting public spaces, must reflect local needs.

Response option	Count (n)	Percentage of total (%)	Percentage of respondents (%)
Agree / Mostly agree	255	78.2	96.6
Neither agree nor disagree	8	2.5	3.0
Disagree / Mostly disagree	1	0.3	0.4
No answer	62	19.0	–
Total	326	100.0	–

Table S20. I would support more investment in public leisure spaces on the Cumberland coast.

Response option	Count (n)	Percentage of total (%)	Percentage of respondents (%)
Agree / Mostly agree	218	66.9	78.4
Neither agree nor disagree	49	15.0	17.6
Disagree / Mostly disagree	11	3.4	4.0
No answer	48	14.7	–
Total	326	100.0	–

Table S21. Tourism brings benefits to local residents here.

Response option	Count (n)	Percentage of total (%)	Percentage of respondents (%)
Agree / Mostly agree	207	63.5	74.2
Neither agree nor disagree	50	15.3	17.9
Disagree / Mostly disagree	22	6.7	7.9
No answer	47	14.4	–
Total	326	100.0	–

Table S22. I'd like to see more tourism along this coast.

Response option	Count (n)	Percentage of total (%)	Percentage of respondents (%)
Agree / Mostly agree	145	44.5	52.0
Neither agree nor disagree	91	27.9	32.6
Disagree / Mostly disagree	43	13.2	15.4
No answer	47	14.4	–
Total	326	100.0	–

Table S23. The Schwartz (2012) value categories defined.

Orientation	Higher-order set	Value set	Description of value set
<i>Personal Focus</i>	<i>Openness to Change</i>	<i>Self-Direction</i>	Valuing independent thought and action, expressed through choosing, creating, and exploring freely.
		<i>Stimulation</i>	Seeking excitement, novelty, and challenge in life to maintain an optimal level of arousal.
		<i>Hedonism</i>	Pursuing pleasure and sensuous gratification for

	<i>Self-Enhancement</i>		oneself. Can also sit in <i>Self-Enhancement</i> .
		<i>Achievement</i>	Striving for personal success by demonstrating competence according to social standards
		<i>Power</i>	Valuing social status, prestige, and control or dominance over people and resources.
<i>Social focus</i>	<i>Conservation</i>	<i>Security</i>	Seeking safety, harmony, and stability for society, relationships, and the self.
		<i>Conformity</i>	Restraining actions and impulses that might upset or harm others or violate social norms.
		<i>Tradition</i>	Showing respect, commitment, and acceptance of the customs and ideas provided by one's culture or religion.
	<i>Self-Transcendence</i>	<i>Universalism</i>	Understanding, appreciating, tolerating, and protecting the welfare of all people and nature.
		<i>Benevolence</i>	Preserving and enhancing the welfare of people with whom one is in frequent personal contact.

Table S24. Schwartz-mapped items (wording, mapping and notes).

[Response scale used for all items: Agree / Mostly agree; Neither agree nor disagree; Disagree / Mostly disagree.]

Item shown to respondents	Schwartz value domain	Higher-order set	Brief rationale for mapping
Coastal public spaces give people freedom to explore and follow their own interests.	Self-Direction	Openness to Change	Autonomy, independent choice, exploration.
Coastal public spaces offer stimulating, or new, experiences.	Stimulation	Openness to Change	Novelty or challenge as core to stimulation.
Coastal public spaces are enjoyable places to spend time.	Hedonism	Openness to Change*	Pleasure/gratification; *hedonism sits at the OC/SE boundary but is commonly grouped with Openness to Change.
Coastal public spaces help people to achieve	Achievement	Self-Enhancement	Demonstrating competence and

personal goals or shared activities/goals with others.			reaching goals (solo or with others).
Coastal public spaces add to the pride and reputation of the local area.	Power (social prestige)	Self-Enhancement	Status/standing of the place; collective prestige as a power expression.
Coastal public spaces are places where people feel at ease and relaxed.	Security (personal/social)	Conservation	Safety, harmony, predictability; affective ease.
Coastal public spaces encourage respect for shared use and responsibilities.	Conformity	Conservation	Restraint of impulses for the sake of norms and others.
Coastal public spaces help people connect with local stories, customs and cultural identity.	Tradition	Conservation	Respect and commitment to cultural customs and continuity.
Coastal public spaces strengthen community bonds and social connections.	Benevolence	Self-Transcendence	Welfare of close others; everyday pro-social ties.
Coastal public spaces promote connection with, and valuing of, nature.	Universalism (nature)	Self-Transcendence	Understanding, valuing, and protecting nature as part of universalism.

Table S25. Themes in access comments by reported ease of access

Theme	Easy/somewhat easy n (%)	Somewhat difficult/difficult n (%)
Disabled or mobility access	14 (13.1)	15 (41.7)
Parking condition or capacity	14 (13.1)	11 (30.6)
Poor or unreliable public transport	16 (15.0)	8 (22.2)
Footpath condition or surfacing	5 (4.7)	6 (16.7)
Wayfinding or signage	1 (0.9)	3 (8.3)
Proximity, walking, cycling or car access	33 (30.8)	0 (0.0)
Attachment, value or wellbeing	24 (22.4)	1 (2.8)

Note: Percentages are based on respondents who both rated ease of access and provided an access comment: easy/somewhat easy, n = 107; somewhat

difficult/difficult, n = 36. Responses could be coded to more than one theme, so percentages do not sum to 100.