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APPENDIX A. QUESTIONNAIRE

頭城景觀偏好問卷 Toucheng Landscape Preference Questionnaire

您好，我是林儀琦 (Kelly Lim)。

我目前正在對台灣東北角海岸國家風景區的景觀進行視覺影響研究，特別關注“頭城五漁鐵”，以及海岸管理策略對其造成的視覺衝擊。這份問卷旨在蒐集大眾對於海岸侵蝕管理結構視覺影響的看法與數據。

問卷共分為三個部分：

第一部分請您填寫簡單的基本資料。

第二部分我將展示幾張圖片，其中一張呈現海岸管理介入措施，另一張則顯示相對自然的海灘或海岸線。您可以指出您認為哪種景觀更具視覺吸引力，並說明原因。

第三部分，您可以評估頭城地區的海岸侵蝕介入措施，對於自然景觀所造成的視覺對比 / 和諧以及視覺入侵 / 提升的程度。

感謝您的參與！

I'm Kelly Lim, currently doing research on visual impact of the coastal management strategies on the landscape of Northeast Coast National Scenic Area of Taiwan, especially the five fishing villages and railways of Toucheng. This questionnaire survey is needed to gather data on public perceptions of the visual impact of coastal erosion management structures.

The questionnaire consists of 3 parts:

For the first part, respondents can fill out simple demographic information. In the second part, I will present a few pictures, with one showing a coastal management interventions, another showing a more natural stretch of coast. Respondents can indicate which view you find more visually appealing and why. For the last part, respondents can evaluate the visual contrast/harmony and visual intrusion/enhancement of the coastal erosion interventions on the natural landscape of Toucheng.

Thank you for your participation!

基本資料 Demographic Information

姓名首字母 (您可以填寫您的姓名首字母 (例如: KL)) *

Name (in initials)

Your answer

年齡區間 *

Age range

- ☐ 25以下 (under 25)
- ☐ 25-34
- ☐ 35-44
- ☐ 45-54
- ☐ 55-64
- ☐ 65以上 (65 and above)

您曾經去過頭城嗎? *

Have you ever visited Toucheng?

- ☐ 有 Yes
- ☐ 沒有 No
- ☐ 有經過 Have passed by

您造訪頭城的原因是? *

Why did you visit Toucheng?

- ☐ 為了休閒 For recreation
- ☐ 為了工作 For work
- ☐ 居住在頭城 Reside in Toucheng
- ☐ Other: _____

視覺偏好 Visual Preference

1. 請從以下三張外澳海岸的景色照片中，選出您認為最具視覺吸引力的一張。 *

Please select the photo you find most visually appealing from the three views of the Waiao coast below.



☐ A



☐ B



☐ C

1. 請說明您選擇這張照片的原因 *

Please explain the reason for your choice

- ☐ 我欣賞景觀中純粹的自然元素。 I appreciate the pure natural elements in the landscape.
- ☐ 我認為消波塊為景觀增添了獨特的特色。 I think the wave-breaking blocks add a unique character to the landscape.
- ☐ 我認為消波塊與自然元素和諧共存，並提升了景觀的視覺效果。 I think the wave-breaking blocks coexist harmoniously with the natural elements and enhance the visual effect of the landscape.
- ☐ Other: _____

2. 請從以下三張梗坊海岸的景色照片中，選出您認為最具視覺吸引力的一張。*
Please select the photo you find most visually appealing from the three views of the Gengfang coast below.



☐ A



☐ B



☐ C

2. 請說明您選擇這張照片的原因 *
Please explain the reason for your choice

- ☐ 我欣賞景觀中純粹的自然元素。 I appreciate the pure natural elements in the landscape.
- ☐ 我認為消波塊為景觀增添了獨特的特色。 I think the wave-breaking blocks add a unique character to the landscape.
- ☐ 我認為消波塊與自然元素和諧共存，並提升了景觀的視覺效果。 I think the wave-breaking blocks coexist harmoniously with the natural elements and enhance the visual effect of the landscape.
- ☐ Other: _____

3. 請從以下三張大溪海岸的景色照片中，選出您認為最具視覺吸引力的一張。*
Please select the photo you find most visually appealing from the three views of the Daxi coast below.



☐ A



☐ B



☐ C

3. 請說明您選擇這張照片的原因*
Please explain the reason for your choice

- ☐ 我欣賞景觀中純粹的自然元素。 I appreciate the pure natural elements in the landscape.
- ☐ 我認為消波塊為景觀增添了獨特的特色。 I think the wave-breaking blocks add a unique character to the landscape.
- ☐ 我認為消波塊與自然元素和諧共存，並提升了景觀的視覺效果。 I think the wave-breaking blocks coexist harmoniously with the natural elements and enhance the visual effect of the landscape.
- ☐ Other: _____

4. 請從以下三張大里海岸的景色照片中，選出您認為最具視覺吸引力的一張。 *

Please select the photo you find most visually appealing from the three views of the Dali coast below.



☐ A



☐ B



☐ C

4. 請說明您選擇這張照片的原因 *

Please explain the reason for your choice

- ☐ 我欣賞景觀中純粹的自然元素。 I appreciate the pure natural elements in the landscape.
- ☐ 我認為消波塊為景觀增添了獨特的特色。 I think the wave-breaking blocks add a unique character to the landscape.
- ☐ 我認為消波塊與自然元素和諧共存，並提升了景觀的視覺效果。 I think the wave-breaking blocks coexist harmoniously with the natural elements and enhance the visual effect of the landscape.
- ☐ Other: _____

5. 請從以下三張石城海岸的景色照片中，選出您認為最具視覺吸引力的一張。 *

Please select the photo you find most visually appealing from the three views of the Shicheng coast below.



☐ A



☐ B



☐ C

5. 請說明您選擇這張照片的原因 *

Please explain the reason for your choice

- ☐ 我欣賞景觀中純粹的自然元素。 I appreciate the pure natural elements in the landscape.
- ☐ 我認為消波塊為景觀增添了獨特的特色。 I think the wave-breaking blocks add a unique character to the landscape.
- ☐ 我認為消波塊與自然元素和諧共存，並提升了景觀的視覺效果。 I think the wave-breaking blocks coexist harmoniously with the natural elements and enhance the visual effect of the landscape.
- ☐ Other: _____

1. 消波塊 Breakwater blocks



1. 視覺對比 / 和諧度評估 ★ Visual Contrast/Harmony Scale

	1	2	3	4	5	
強烈對比 Strong contrast	☐	☐	☐	☐	☐	高度和諧 Strong harmony

1. 入侵 / 提升度評估 ★ Intrusion/Enhancement Scale

	1	2	3	4	5	
強烈入侵 Strong intrusion	☐	☐	☐	☐	☐	高度提升 Strong enhancement

2. 海堤走道 Seawall walkway



2. 視覺對比 / 和諧度評估 ★ Visual Contrast/Harmony Scale

1 2 3 4 5

強烈對比 Strong contrast ☐ ☐ ☐ ☐ ☐ 高度和諧 Strong harmony

2. 入侵 / 提升度評估 ★ Intrusion/Enhancement Scale

1 2 3 4 5

強烈入侵 Strong intrusion ☐ ☐ ☐ ☐ ☐ 高度提升 Strong enhancement

3. 消波塊 Breakwater blocks



3. 視覺對比 / 和諧度評估 ★ Visual Contrast/Harmony Scale

1 2 3 4 5

強烈對比 Strong contrast ☐ ☐ ☐ ☐ ☐ 高度和諧 Strong harmony

3. 入侵 / 提升度評估 ★ Intrusion/Enhancement Scale

1 2 3 4 5

強烈入侵 Strong intrusion ☐ ☐ ☐ ☐ ☐ 高度提升 Strong enhancement

4. 消波塊 Breakwater blocks



4. 視覺對比 / 和諧度評估 ★ Visual Contrast/Harmony Scale

1 2 3 4 5

強烈對比 Strong contrast ☐ ☐ ☐ ☐ ☐ 高度和諧 Strong harmony

4. 入侵 / 提升度評估 ★ Intrusion/Enhancement Scale

1 2 3 4 5

強烈入侵 Strong intrusion ☐ ☐ ☐ ☐ ☐ 高度提升 Strong enhancement

5. 海堤、拋石與消波塊 Seawall, riprap, & breakwater blocks



5. 視覺對比 / 和諧度評估 ★ Visual Contrast/Harmony Scale

1 2 3 4 5

強烈對比 Strong contrast ☐ ☐ ☐ ☐ ☐ 高度和諧 Strong harmony

5. 入侵 / 提升度評估 ★ Intrusion/Enhancement Scale

1 2 3 4 5

強烈入侵 Strong intrusion ☐ ☐ ☐ ☐ ☐ 高度提升 Strong enhancement

6. 突堤 Jetty



6. 視覺對比 / 和諧度評估 ★ Visual Contrast/Harmony Scale

	1	2	3	4	5	
強烈對比 Strong contrast	☐	☐	☐	☐	☐	高度和諧 Strong harmony

6. 入侵 / 提升度評估 ★ Intrusion/Enhancement Scale

	1	2	3	4	5	
強烈入侵 Strong intrusion	☐	☐	☐	☐	☐	高度提升 Strong enhancement

7. 拋石與消波塊 Riprap & breakwater blocks



7. 視覺對比 / 和諧度評估 ★ Visual Contrast/Harmony Scale

1 2 3 4 5

強烈對比 Strong contrast ☐ ☐ ☐ ☐ ☐ 高度和諧 Strong harmony

7. 入侵 / 提升度評估 ★ Intrusion/Enhancement Scale

1 2 3 4 5

強烈入侵 Strong intrusion ☐ ☐ ☐ ☐ ☐ 高度提升 Strong enhancement

8. 拋石與消波塊 Riprap & breakwater blocks



8. 視覺對比 / 和諧度評估 ★ Visual Contrast/Harmony Scale

1 2 3 4 5

強烈對比 Strong contrast ☐ ☐ ☐ ☐ ☐ 高度和諧 Strong harmony

8. 入侵 / 提升度評估 ★ Intrusion/Enhancement Scale

1 2 3 4 5

強烈入侵 Strong intrusion ☐ ☐ ☐ ☐ ☐ 高度提升 Strong enhancement

9. 拋石與消波塊 Riprap & breakwater blocks



9. 視覺對比 / 和諧度評估 ★ Visual Contrast/Harmony Scale

1 2 3 4 5

強烈對比 Strong contrast ☐ ☐ ☐ ☐ ☐ 高度和諧 Strong harmony

9. 入侵 / 提升度評估 ★ Intrusion/Enhancement Scale

1 2 3 4 5

強烈入侵 Strong intrusion ☐ ☐ ☐ ☐ ☐ 高度提升 Strong enhancement

10. 拋石、消波塊與突堤 Riprap, breakwater blocks, & jetty



10. 視覺對比 / 和諧度評估 ★
Visual Contrast/Harmony Scale

	1	2	3	4	5	
強烈對比 Strong contrast	☐	☐	☐	☐	☐	高度和諧 Strong harmony

10. 入侵 / 提升度評估 ★
Intrusion/Enhancement Scale

	1	2	3	4	5	
強烈入侵 Strong intrusion	☐	☐	☐	☐	☐	高度提升 Strong enhancement

[Link to Questionnaire](#)

APPENDIX B. QUESTIONNAIRE RESPONSES

Timestamp	姓名首字母 (您可以填寫您的姓名) Name (in initials)	年齡區間 Age range	您曾經去過該城嗎? Have you ever visited Toucheng?	您造訪該城的原因? Why did you visit Toucheng?	您在該城居住多久了? How long have you lived in Toucheng for?
13/06/2025 16:18:44	CCY	25以下 (under 25)	有經過 Have passed by		
13/06/2025 16:21:53	CH	25以下 (under 25)	有經過 Have passed by		
13/06/2025 16:23:50	MW	25以下 (under 25)	沒有 No		
13/06/2025 16:27:13	LD	25以下 (under 25)	沒有 No		
13/06/2025 16:29:40	La	45-54	有 Yes	為了休閒 For recreation	
13/06/2025 16:31:04	Cindy	25-34	有經過 Have passed by		
13/06/2025 16:31:36	Veronika	25以下 (under 25)	沒有 No		
13/06/2025 16:33:59	Y	25以下 (under 25)	沒有 No		
13/06/2025 16:35:09	el	25以下 (under 25)	有 Yes	Menemani survey site	
13/06/2025 16:35:40	ED	25以下 (under 25)	有 Yes	為了休閒 For recreation	
13/06/2025 16:35:58	HU	45-54	有 Yes	為了休閒 For recreation	
13/06/2025 16:36:36	HSY	25以下 (under 25)	有 Yes	為了休閒 For recreation	
13/06/2025 16:36:49	Inesza	25以下 (under 25)	有 Yes	sightseeing	
13/06/2025 16:36:49	L	25-34	有 Yes	為了休閒 For recreation	
13/06/2025 16:37:42	NS	25以下 (under 25)	沒有 No		
13/06/2025 16:41:16	CNC	25以下 (under 25)	有 Yes	為了休閒 For recreation	
13/06/2025 16:43:50	WU	25-34	有 Yes	為了休閒 For recreation	
13/06/2025 16:44:23	CT	25以下 (under 25)	有 Yes	為了休閒 For recreation	
13/06/2025 16:52:18	WYT	25-34	有 Yes	為了休閒 For recreation	
13/06/2025 17:19:53	EG	25以下 (under 25)	有經過 Have passed by		
13/06/2025 17:25:31	Lasma	25以下 (under 25)	沒有 No		
13/06/2025 17:27:20	CYS	25-34	有經過 Have passed by		
13/06/2025 17:30:23	LHY	25-34	有 Yes	為了休閒 For recreation	
13/06/2025 17:34:08	DC	25以下 (under 25)	有 Yes	為了休閒 For recreation	
13/06/2025 17:35:54	YB	25以下 (under 25)	沒有 No		
13/06/2025 17:42:59	TG	25以下 (under 25)	沒有 No		
13/06/2025 17:58:34	Xiao	25以下 (under 25)	沒有 No		
13/06/2025 18:03:41	莊	25以下 (under 25)	有 Yes	為了休閒 For recreation	
13/06/2025 18:06:34	KST	25以下 (under 25)	沒有 No		
13/06/2025 18:06:56	L	25-34	有 Yes	為了休閒 For recreation	
13/06/2025 18:21:47	HY	35-44	沒有 No		
13/06/2025 18:32:23	ITOK	25以下 (under 25)	沒有 No		
13/06/2025 18:32:30	WCY	25以下 (under 25)	有 Yes	為了休閒 For recreation	
13/06/2025 18:42:23	CC	25以下 (under 25)	沒有 No		
13/06/2025 18:42:45	Vu Xuan Sang	25以下 (under 25)	沒有 No		
13/06/2025 18:52:08	JC	25以下 (under 25)	有經過 Have passed by		
13/06/2025 19:11:03	鄭	65以上 (65 and above)	有經過 Have passed by		
13/06/2025 19:21:43	AC	25以下 (under 25)	沒有 No		
13/06/2025 19:22:27	Bagus Rei	25以下 (under 25)	沒有 No		
13/06/2025 20:02:20	CM	25以下 (under 25)	沒有 No		
13/06/2025 20:33:57	Fan	25-34	有 Yes	為了休閒 For recreation	
13/06/2025 20:59:18	t	25-34	有 Yes	為了休閒 For recreation	
13/06/2025 20:59:32	LEG	35-44	有 Yes	為了休閒 For recreation	
14/06/2025 11:21:54	Cc	25以下 (under 25)	沒有 No		
14/06/2025 12:15:25	YC	25以下 (under 25)	有經過 Have passed by		
14/06/2025 15:18:11	K	25-34	有 Yes	為了休閒 For recreation	
14/06/2025 19:58:13	YM	25以下 (under 25)	沒有 No		
15/06/2025 10:02:13	Lee	25以下 (under 25)	有 Yes	為了休閒 For recreation	
15/06/2025 11:48:12	Y	25以下 (under 25)	有 Yes	為了休閒 For recreation	
15/06/2025 12:14:39	Elison shen	35-44	有 Yes	為了休閒 For recreation	
15/06/2025 13:32:01	JF	25-34	有 Yes	為了休閒 For recreation	
15/06/2025 14:07:35	蔡欣玲	25以下 (under 25)	有 Yes	為了休閒 For recreation	
15/06/2025 15:05:10	LIN	25以下 (under 25)	有 Yes	為了休閒 For recreation	
15/06/2025 15:59:20	WC	25-34	有 Yes	為了休閒 For recreation	
15/06/2025 20:18:45	Y Y	25-34	有經過 Have passed by		
15/06/2025 20:23:01	LC	25-34	有 Yes	為了休閒 For recreation	
15/06/2025 20:43:57	C	25-34	有經過 Have passed by		
16/06/2025 7:56:10	CYC	25-34	有經過 Have passed by		
16/06/2025 14:56:41	Yang	25以下 (under 25)	有 Yes	為了工作 For work	不到一年 (less than 1 year)

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4. 請從以下三張大海岸的景色圖片中，選出您最 Please select the photo you find most visually app	4. 請說明您選擇這張圖片的原因 Please explain the reason for your choice	5. 請從以下三張石城海岸的景色圖片中，選出您最 Please select the photo you find most visually app
B	我欣賞景觀中純粹的自然元素。 I appreciate the pure natural elements	B
A	我欣賞景觀中純粹的自然元素。 I appreciate the pure natural elements	B
C	我認為消波塊為景觀增添了獨特的特色。 I think the wave-breaking bloi	B
A	我認為消波塊為景觀增添了獨特的特色。 I think the wave-breaking bloi	C
B	我認為消波塊為景觀增添了獨特的特色。 I think the wave-breaking bloi	B
B	我欣賞景觀中純粹的自然元素。 I appreciate the pure natural elements	B
A	我欣賞景觀中純粹的自然元素。 I appreciate the pure natural elements	B
B	我欣賞景觀中純粹的自然元素。 I appreciate the pure natural elements	C
C	我認為消波塊為景觀增添了獨特的特色。 I think the wave-breaking bloi	B
A	我欣賞景觀中純粹的自然元素。 I appreciate the pure natural elements	B
A	我認為消波塊為景觀增添了獨特的特色。 I think the wave-breaking bloi	C
B	我認為消波塊與自然元素和諧共存，並提升了景觀的視覺效果。 I think	B
B	我欣賞景觀中純粹的自然元素。 I appreciate the pure natural elements	C
A	我欣賞景觀中純粹的自然元素。 I appreciate the pure natural elements	A
B	我欣賞景觀中純粹的自然元素。 I appreciate the pure natural elements	B
B	我認為消波塊與自然元素和諧共存，並提升了景觀的視覺效果。 I think	B
B	其實我覺得三張都差不多 所以選了比較喜歡的色調	A
B	我認為消波塊與自然元素和諧共存，並提升了景觀的視覺效果。 I think	B
A	我欣賞景觀中純粹的自然元素。 I appreciate the pure natural elements	B
B	我欣賞景觀中純粹的自然元素。 I appreciate the pure natural elements	B
B	我認為消波塊與自然元素和諧共存，並提升了景觀的視覺效果。 I think	B
B	我欣賞景觀中純粹的自然元素。 I appreciate the pure natural elements	A
B	我認為消波塊為景觀增添了獨特的特色。 I think the wave-breaking bloi	B
B	我認為消波塊與自然元素和諧共存，並提升了景觀的視覺效果。 I think	C
A	我認為消波塊為景觀增添了獨特的特色。 I think the wave-breaking bloi	B
B	我欣賞景觀中純粹的自然元素。 I appreciate the pure natural elements	C
C	我認為消波塊為景觀增添了獨特的特色。 I think the wave-breaking bloi	B
A	我認為消波塊與自然元素和諧共存，並提升了景觀的視覺效果。 I think	C
B	我欣賞景觀中純粹的自然元素。 I appreciate the pure natural elements	B
A	我欣賞景觀中純粹的自然元素。 I appreciate the pure natural elements	B
A	我欣賞景觀中純粹的自然元素。 I appreciate the pure natural elements	B
C	我認為消波塊與自然元素和諧共存，並提升了景觀的視覺效果。 I think	B
B	我欣賞景觀中純粹的自然元素。 I appreciate the pure natural elements	B
A	我欣賞景觀中純粹的自然元素。 I appreciate the pure natural elements	C
C	我欣賞景觀中純粹的自然元素。 I appreciate the pure natural elements	B
B	我欣賞景觀中純粹的自然元素。 I appreciate the pure natural elements	B
B	我認為消波塊與自然元素和諧共存，並提升了景觀的視覺效果。 I think	A
B	我欣賞景觀中純粹的自然元素。 I appreciate the pure natural elements	B
C	我認為消波塊為景觀增添了獨特的特色。 I think the wave-breaking bloi	B
B	我欣賞景觀中純粹的自然元素。 I appreciate the pure natural elements	A
B	我欣賞景觀中純粹的自然元素。 I appreciate the pure natural elements	A
A	我欣賞景觀中純粹的自然元素。 I appreciate the pure natural elements	C
B	我欣賞景觀中純粹的自然元素。 I appreciate the pure natural elements	B
C	我認為消波塊為景觀增添了獨特的特色。 I think the wave-breaking bloi	B
A	我認為消波塊與自然元素和諧共存，並提升了景觀的視覺效果。 I think	C
B	我欣賞景觀中純粹的自然元素。 I appreciate the pure natural elements	B
B	我欣賞景觀中純粹的自然元素。 I appreciate the pure natural elements	B
B	我欣賞景觀中純粹的自然元素。 I appreciate the pure natural elements	B
C	我認為消波塊與自然元素和諧共存，並提升了景觀的視覺效果。 I think	C
B	我欣賞景觀中純粹的自然元素。 I appreciate the pure natural elements	B
B	我欣賞景觀中純粹的自然元素。 I appreciate the pure natural elements	B
B	我欣賞景觀中純粹的自然元素。 I appreciate the pure natural elements	B
B	我認為消波塊為景觀增添了獨特的特色。 I think the wave-breaking bloi	B
A	我欣賞景觀中純粹的自然元素。 I appreciate the pure natural elements	B
B	我欣賞景觀中純粹的自然元素。 I appreciate the pure natural elements	B
A	我欣賞景觀中純粹的自然元素。 I appreciate the pure natural elements	B
B	我欣賞景觀中純粹的自然元素。 I appreciate the pure natural elements	B

5. 請說明您選擇這張圖片的原因 Please explain the reason for your choice	1. 視覺對比 / 和諧度評估 Visual Contrast/Harmony Scale	1. 入侵 / 提升度評估 Intrusion/Enhancement Scale
我欣賞真景圖中純粹的自然元素。 I appreciate the pure natural elements in the landscape.	2	3
我欣賞真景圖中純粹的自然元素。 I appreciate the pure natural elements in the landscape.	4	3
我認為消波塊與自然元素和諧共存，並提升了景觀的視覺效果。 I think the wave-breaking blocks coexist harmoniously with the natural elements and en	3	4
我認為消波塊與自然元素和諧共存，並提升了景觀的視覺效果。 I think the wave-breaking blocks coexist harmoniously with the natural elements and en	3	4
我認為消波塊為景觀增添了獨特的特色。 I think the wave-breaking blocks add a unique character to the landscape.	4	4
我認為消波塊為景觀增添了獨特的特色。 I think the wave-breaking blocks add a unique character to the landscape.	3	3
我欣賞真景圖中純粹的自然元素。 I appreciate the pure natural elements in the landscape.	3	4
我認為消波塊與自然元素和諧共存，並提升了景觀的視覺效果。 I think the wave-breaking blocks coexist harmoniously with the natural elements and en	4	3
我認為消波塊為景觀增添了獨特的特色。 I think the wave-breaking blocks add a unique character to the landscape.	3	3
我欣賞真景圖中純粹的自然元素。 I appreciate the pure natural elements in the landscape.	5	5
我認為消波塊與自然元素和諧共存，並提升了景觀的視覺效果。 I think the wave-breaking blocks coexist harmoniously with the natural elements and en	5	4
我欣賞真景圖中純粹的自然元素。 I appreciate the pure natural elements in the landscape.	5	3
我欣賞真景圖中純粹的自然元素。 I appreciate the pure natural elements in the landscape.	1	3
我欣賞真景圖中純粹的自然元素。 I appreciate the pure natural elements in the landscape.	3	3
pretty	3	3
我欣賞真景圖中純粹的自然元素。 I appreciate the pure natural elements in the landscape.	2	2
其實我比較喜歡B的色調 但A更靠近海岸	3	3
我認為消波塊與自然元素和諧共存，並提升了景觀的視覺效果。 I think the wave-breaking blocks coexist harmoniously with the natural elements and en	4	4
我欣賞真景圖中純粹的自然元素。 I appreciate the pure natural elements in the landscape.	3	3
我欣賞真景圖中純粹的自然元素。 I appreciate the pure natural elements in the landscape.	2	2
我欣賞真景圖中純粹的自然元素。 I appreciate the pure natural elements in the landscape.	3	3
我欣賞真景圖中純粹的自然元素。 I appreciate the pure natural elements in the landscape.	2	2
我認為消波塊為景觀增添了獨特的特色。 I think the wave-breaking blocks add a unique character to the landscape.	2	2
The road create a linear line that really inviting visitor to explore	5	4
我欣賞真景圖中純粹的自然元素。 I appreciate the pure natural elements in the landscape.	4	4
我認為消波塊與自然元素和諧共存，並提升了景觀的視覺效果。 I think the wave-breaking blocks coexist harmoniously with the natural elements and en	2	2
我欣賞真景圖中純粹的自然元素。 I appreciate the pure natural elements in the landscape.	4	3
我認為消波塊為景觀增添了獨特的特色。 I think the wave-breaking blocks add a unique character to the landscape.	4	2
I think the side walk add a new fresh element to the landscape	4	3
我欣賞真景圖中純粹的自然元素。 I appreciate the pure natural elements in the landscape.	2	2
我欣賞真景圖中純粹的自然元素。 I appreciate the pure natural elements in the landscape.	5	3
我欣賞真景圖中純粹的自然元素。 I appreciate the pure natural elements in the landscape.	3	3
我認為消波塊與自然元素和諧共存，並提升了景觀的視覺效果。 I think the wave-breaking blocks coexist harmoniously with the natural elements and en	5	5
我欣賞真景圖中純粹的自然元素。 I appreciate the pure natural elements in the landscape.	2	4
我欣賞真景圖中純粹的自然元素。 I appreciate the pure natural elements in the landscape.	5	3
我欣賞真景圖中純粹的自然元素。 I appreciate the pure natural elements in the landscape.	5	2
我欣賞真景圖中純粹的自然元素。 I appreciate the pure natural elements in the landscape.	1	1
我欣賞真景圖中純粹的自然元素。 I appreciate the pure natural elements in the landscape.	2	3
我欣賞真景圖中純粹的自然元素。 I appreciate the pure natural elements in the landscape.	3	3
我欣賞真景圖中純粹的自然元素。 I appreciate the pure natural elements in the landscape.	4	4
我欣賞真景圖中純粹的自然元素。 I appreciate the pure natural elements in the landscape.	5	3
我認為消波塊為景觀增添了獨特的特色。 I think the wave-breaking blocks add a unique character to the landscape.	3	3
我欣賞真景圖中純粹的自然元素。 I appreciate the pure natural elements in the landscape.	2	1
我欣賞真景圖中純粹的自然元素。 I appreciate the pure natural elements in the landscape.	2	4
我欣賞真景圖中純粹的自然元素。 I appreciate the pure natural elements in the landscape.	4	4
我欣賞真景圖中純粹的自然元素。 I appreciate the pure natural elements in the landscape.	4	3
我認為消波塊為景觀增添了獨特的特色。 I think the wave-breaking blocks add a unique character to the landscape.	5	5
我欣賞真景圖中純粹的自然元素。 I appreciate the pure natural elements in the landscape.	3	3
我欣賞真景圖中純粹的自然元素。 I appreciate the pure natural elements in the landscape.	5	4
我欣賞真景圖中純粹的自然元素。 I appreciate the pure natural elements in the landscape.	2	1
我認為消波塊與自然元素和諧共存，並提升了景觀的視覺效果。 I think the wave-breaking blocks coexist harmoniously with the natural elements and en	3	3
我欣賞真景圖中純粹的自然元素。 I appreciate the pure natural elements in the landscape.	4	5
我欣賞真景圖中純粹的自然元素。 I appreciate the pure natural elements in the landscape.	5	2
我欣賞真景圖中純粹的自然元素。 I appreciate the pure natural elements in the landscape.	1	2
我欣賞真景圖中純粹的自然元素。 I appreciate the pure natural elements in the landscape.	2	3
我欣賞真景圖中純粹的自然元素。 I appreciate the pure natural elements in the landscape.	3	3
我欣賞真景圖中純粹的自然元素。 I appreciate the pure natural elements in the landscape.	4	3
我認為消波塊與自然元素和諧共存，並提升了景觀的視覺效果。 I think the wave-breaking blocks coexist harmoniously with the natural elements and en	3	3
我欣賞真景圖中純粹的自然元素。 I appreciate the pure natural elements in the landscape.	4	4

2. 视觉对比 / 和谐度评估 Visual Contrast/Harmony Scale	2. 入侵 / 提升度评估 Intrusion/Enhancement Scale	3. 视觉对比 / 和谐度评估 Visual Contrast/Harmony Scale	3. 入侵 / 提升度评估 Intrusion/Enhancement Scale	4. 视觉对比 / 和谐度评估 Visual Contrast/Harmony Scale	4. 入侵 / 提升度评估 Intrusion/Enhancement Scale
3	4	2	2	4	3
4	3	2	2	4	3
4	3	2	2	4	2
2	4	4	3	2	4
5	5	3	4	4	5
4	4	3	3	3	3
3	3	2	4	4	3
1	4	3	3	1	2
4	2	4	4	4	3
2	2	4	4	4	4
5	2	5	1	3	1
5	3	5	3	4	3
3	3	3	2	4	3
1	1	2	3	5	4
1	1	2	3	5	5
4	5	4	4	5	5
2	2	2	2	4	3
1	2	1	2	4	3
2	2	4	4	3	3
2	3	4	4	2	2
4	4	4	3	3	3
1	1	1	1	4	3
1	1	3	4	4	5
1	1	5	5	2	2
2	3	5	5	5	5
4	4	5	5	5	5
2	2	3	3	4	4
5	1	5	3	5	2
3	2	2	3	4	4
2	2	3	2	1	5
5	2	4	4	1	5
4	4	2	3	5	5
2	2	2	2	5	5
2	4	3	3	2	4
1	1	4	1	2	2
2	4	2	3	2	2
5	3	3	3	1	3
5	3	4	3	4	4
2	3	3	3	4	4
4	5	4	4	5	4
1	1	3	3	4	2
4	4	3	3	3	3
2	1	1	1	2	3
2	4	2	4	2	4
3	3	2	2	3	4
2	2	2	2	4	4
2	3	2	2	5	5
3	3	5	3	5	3
5	5	5	5	5	4
3	3	3	3	3	3
4	3	3	3	3	3
5	5	3	4	5	5
5	3	1	5	5	5
3	3	1	1	4	3
3	3	3	3	3	2
1	1	4	3	4	4
5	5	2	3	1	1
4	4	2	2	4	4
2	2	2	2	4	3

5. 視覺對比 / 和諧度評估 Visual Contrast/Harmony Scale	5. 入侵 / 提升度評估 Intrusion/Enhancement Scale	6. 視覺對比 / 和諧度評估 Visual Contrast/Harmony Scale	6. 入侵 / 提升度評估 Intrusion/Enhancement Scale	7. 視覺對比 / 和諧度評估 Visual Contrast/Harmony Scale	7. 入侵 / 提升度評估 Intrusion/Enhancement Scale
4	3	5	5	3	3
4	4	2	4	5	4
4	3	3	3	3	4
4	3	4	4	4	4
3	3	3	3	3	3
3	3	3	3	3	3
3	4	4	3	3	4
4	3	5	4	1	1
2	2	2	3	2	2
3	3	5	5	1	1
3	2	4	4	4	3
4	3	5	4	4	4
3	3	3	3	3	3
3	2	5	4	3	4
3	3	4	3	5	5
3	2	4	5	4	4
2	2	4	4	1	1
4	2	5	5	5	4
3	3	4	4	2	2
1	1	4	4	1	1
2	3	2	3	4	3
2	2	4	4	3	2
1	1	5	5	2	2
2	2	4	4	4	4
4	4	5	5	3	3
2	2	1	1	1	1
2	2	2	1	3	1
3	3	1	3	1	1
3	3	2	2	4	4
2	4	2	3	2	4
2	4	4	3	3	4
5	5	4	4	2	2
3	3	3	3	4	4
3	2	3	3	3	3
1	1	5	5	5	2
2	3	2	3	2	4
3	3	4	3	4	3
3	4	2	4	4	3
4	3	2	3	2	2
5	4	5	5	4	4
2	2	5	4	3	3
3	3	3	2	3	3
1	1	1	1	1	1
2	4	2	4	2	4
1	3	2	2	1	2
3	3	2	4	2	4
4	4	5	5	4	3
5	3	5	5	5	5
4	4	5	5	4	4
3	3	2	2	3	3
3	3	3	3	3	3
4	5	5	5	5	5
3	3	5	5	2	3
1	1	4	2	1	1
1	1	4	4	2	2
2	2	4	3	4	4
4	3	5	5	5	4
4	4	4	4	2	2
1	1	3	4	2	1

8. 視覺對比 / 和諧度評估 Visual Contrast/Harmony Scale	8. 入侵 / 提升度評估 Intrusion/Enhancement Scale	9. 視覺對比 / 和諧度評估 Visual Contrast/Harmony Scale	9. 入侵 / 提升度評估 Intrusion/Enhancement Scale	10. 視覺對比 / 和諧度評估 Visual Contrast/Harmony Scale	10. 入侵 / 提升度評估 Intrusion/Enhancement Scale
3	3	4	2	5	3
3	3	2	3	4	3
3	3	4	4	5	2
2	4	3	3	3	3
3	3	4	4	3	2
2	2	3	3	4	4
2	5	2	3	3	3
4	4	3	3	5	5
3	2	3	3	5	5
4	4	4	4	2	2
5	4	3	3	3	3
3	3	4	3	4	3
3	3	2	2	4	4
2	2	4	4	3	4
4	3	4	3	4	4
3	3	3	3	4	3
3	3	2	1	4	4
4	3	4	3	2	2
2	2	2	2	3	3
3	3	2	3	1	1
3	3	2	3	4	3
2	2	4	4	5	4
3	4	3	5	4	5
1	1	4	4	2	2
3	3	4	4	5	4
5	5	4	4	5	5
3	2	4	3	2	2
1	1	4	4	4	4
4	3	4	4	4	2
2	2	3	3	3	3
1	5	2	4	1	5
5	5	5	5	5	5
3	2	5	4	4	4
3	2	3	3	3	3
2	2	3	3	1	1
1	4	4	3	4	2
5	5	5	5	5	5
2	4	4	2	3	3
2	4	4	4	5	4
5	5	5	4	5	5
1	4	3	3	1	1
4	5	4	4	3	3
1	1	1	1	1	1
2	4	2	4	2	4
2	2	2	2	4	3
3	2	3	3	4	4
3	2	4	4	4	3
5	5	5	5	5	5
4	5	5	5	5	5
3	3	3	3	3	3
3	3	3	3	3	3
4	4	4	4	4	5
1	1	4	4	1	1
3	2	2	2	4	4
1	1	3	3	3	3
4	3	3	4	4	3
4	3	5	3	5	5
2	2	3	3	4	4
2	1	2	2	4	3

[Link to Questionnaire Answers](#)