

# The Connection between Humans and the Ocean

Learning from Perth’s Coast to Enrich Kagoshima’s Seaside

Marine Civil Engineering   Suehiro Kota

## Introduction

During my study trip to Perth, I was deeply impressed by how people use the sea. Even when they don’t swim, many people enjoy spending time by the beach — sunbathing, picnicking, or simply relaxing. Compared to that, I was surprised by the difference in how people use the seaside in Kagoshima and how the spaces are designed. This experience made me think about how we can make Kagoshima’s seaside more lively and welcoming for everyone.

## Basic Information

### Scarborough Beach

**Location:** Scarborough, City of Stirling, Perth  
Located along the **Indian Ocean**, famous for its wide sandy beach and surf culture.

**Management:** Managed by the **City of Stirling**

**Access:**

• **By bus:** About 30–40 minutes from Perth CBD via Transperth buses

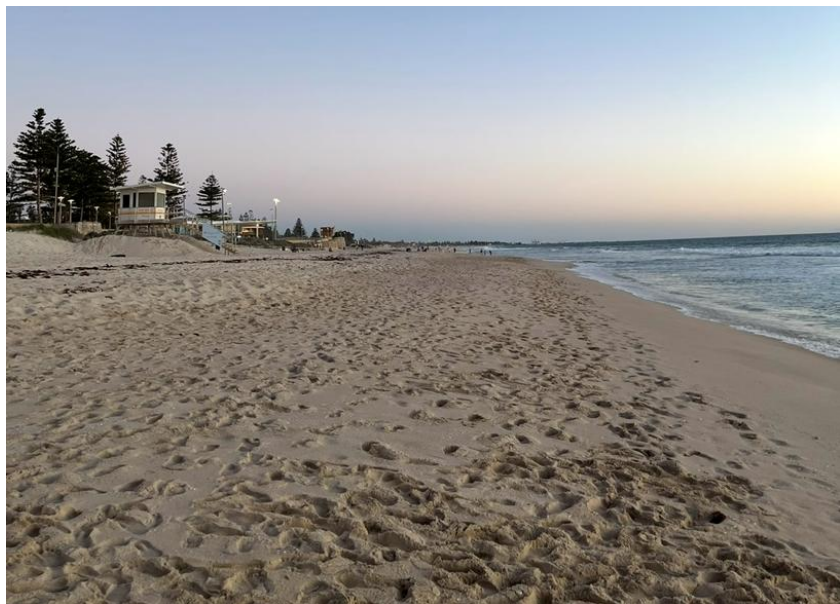
• **By car:** About 20 minutes from Perth CBD

• **By train + bus:** Train to Glendalough Station → transfer to bus to Scarborough Beach



#### What shapes this beach

- Wide, Shallow White-Sand Beach
- A gently sloping foreshore with beach width that changes seasonally.
- High-Energy
- An open coastline directly exposed to strong waves from the Indian Ocean.
- Strong Longshore Currents
- Active north–south sand transport, causing continuous sediment movement.
- Well-Developed Coastal Dune System
- Winds transport sand easily, making the landform highly dynamic.



### Iso Beach



• **Location:** Iso, Yoshino-cho, Kagoshima City, Kagoshima Prefecture, Japan  
Situated along **Kinko Bay**, facing **Sakurajima Volcano**.

• **Management :** Managed by the **Kagoshima City**

**Access:**

• **By bus:** About 30 minutes from Kagoshima-Chuo Station to “Iso Beach” bus stop

• **By car:** About 15 minutes from Kagoshima City center

• **By JR:** About 5 minutes from 乗車 Kagoshima-Chūō Station to Iso Station, then a short walk to the beach.

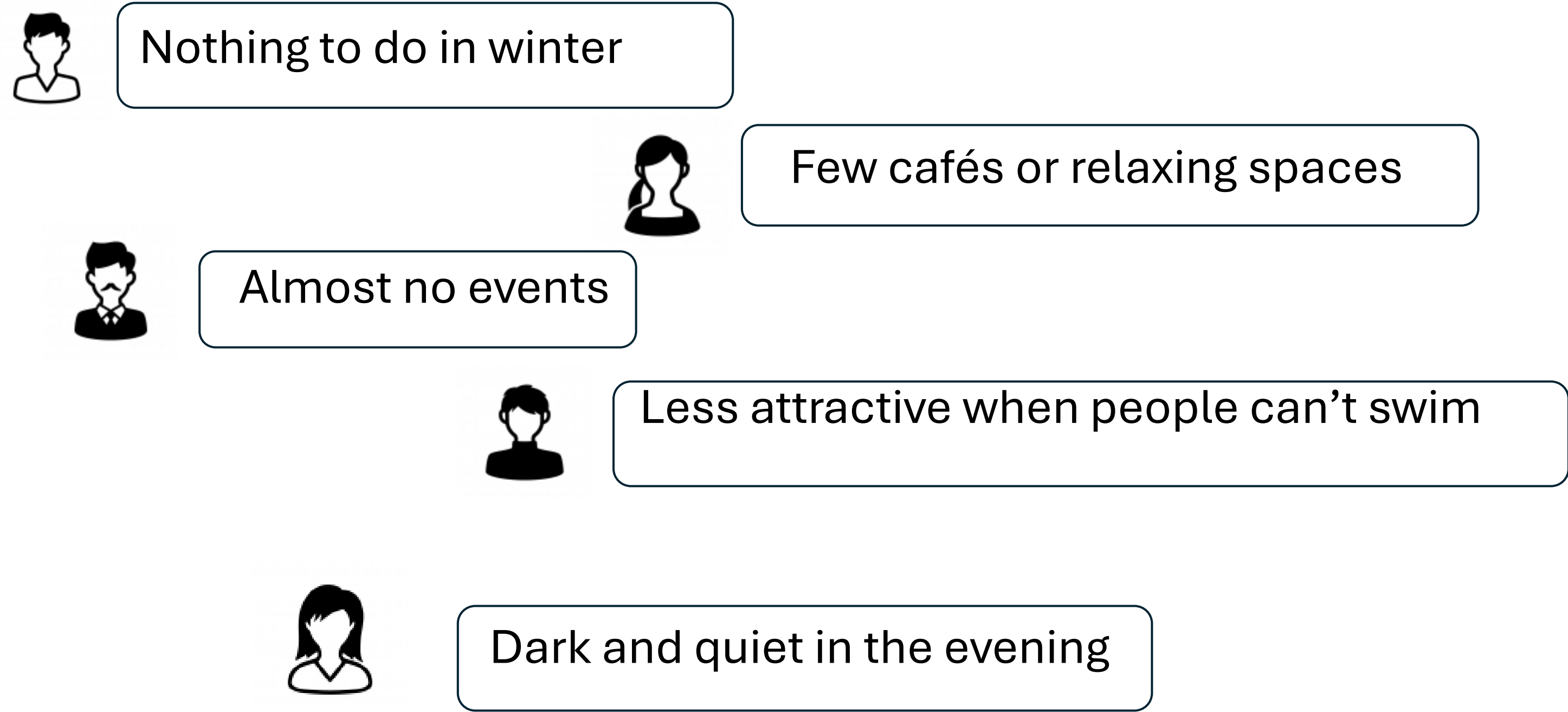
• **Nearby attractions:** Sengan-en Garden, Shoko Shuseikan Museum



#### What shapes this beach

- Volcanic Coast Facing Sakurajima
- Lava flows from Sakurajima’s eruptions solidified to create a unique landscape where rocky shore areas and sandy beaches coexist.
- Shallow Water and Gentle Waves
- Located inside Kinko Bay, the beach is protected from large ocean swells.
- Extensive Rocky Reefs and Many Tide Pools
- Wide reef zones form numerous tide pools that support diverse marine life.

## Why People Don’t Go to Iso Beach (From the Survey)



## Connected Facilities

- Plenty of **places to relax**
- **Cafés and restaurants** are close to the beach
- Large and easy-to-use **parking areas**
- Many **play areas**



"Let’s make the ocean a place that connects people and the city — a part of everyday life in Kagoshima."

## Proposals for Kagoshima’s Seaside Development

### 1. Create Diverse and Attractive Public Spaces by the Sea

**Proposed Ideas:**

• **Basketball court and open lawn:** Encourage exercise, picnics, and casual gatherings.



• **Seaside promenade:** A walking path with benches and lighting for evening strolls.



➡ These facilities would turn Iso Beach into a **community hub** where people can spend time, meet friends, and feel close to the ocean

### 2. Bring the Ocean Closer through Cultural and Seasonal Events

**Proposed Ideas:**

• **Sunset Festival:** Live music and food stalls celebrating the beauty of the evening sea.



• **Seaside Market (Marche):** Local farmers, students, and artists selling handmade or regional products.

• **Art & Light-up Exhibition:** Display of student artwork and nighttime illumination to make the beach lively even after dark.

➡ These activities would help people rediscover the value of Kagoshima’s coastline, attracting both **residents and tourists** and contributing to **regional revitalization**.

## Conclusion

What I learned in Perth is that the seaside can be more than scenery —it can be a shared public space that brings people together. I hope Kagoshima will develop in that direction.