



United Nations
Educational, Scientific and
Cultural Organization



San'in Kaigan
UNESCO
Global Geopark

Marine landforms of granite and seaside culture

Uradome Coast West Course

The Uradome Coast West Course has a rocky coast with beautiful contrasting colors such as the white granite beaches, the blue ocean, and the green pine forest. Unlike the sandy beaches at the Tottori Sand Dunes, you can see a diverse coastal terrain along the San'in Kaigan.

Large and small islands are scattered along the shore at Kamogaiso creating a beautiful landscape. The sand on the beach is white and coarse since it is mainly made of quartz. Moreover, the area around the Shirawara coast is one of the most transparent areas on the Uradome coast, where rich ocean ecosystems are nurtured.



Legend

- | | |
|---|-------------------------------------|
| Toilet | Best photo spot |
| Parking lot | Bicycle Rental |
| Restaurant | Caution! Do not fall off the cliff! |
| Explanation signboard | Rice paddy |
| Route | Farmland & pasture |
| Basic Course
Marine Park Course
Ajiro Port Course | |



San'in Kaigan Geopark
Walk model course
San'in Kaigan National Park

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To preserve these beautiful natural assets, please leave stones and plants as they are.
Keep out of dangerous places and do not go off-limits.
What you can bring home with you are happy memories, photos and local souvenirs!!

Quiz2

The northeast island about 600m offshore from Shirawara Coast is called Kuroshima (Black Island). Do you know why? (The answer is on the next page.)



Basic Course

- Start Estimated walking time
- ①Uradome Coast Island Touring Boat
30min → About 1.2km
 - ②Sengan Matsushima
10min → About 200m
 - ③Oshiroi Cliff / Ajiro Observatory
45min → About 1.1km
 - ④Mizushiri Cave Mouth / Mizushiri Valley
5min → About 200m
 - ⑤Monument for Russian Military Officers
1min → About 100m
 - ⑥Tsubakidani Columnar Joints
5min → About 200m
 - ⑦Kamogaiso / Sakamori Cave Mouth
25min → About 700m
 - ⑧Shirawara Coast
20min → About 400m
 - Shirawara Coast Prefectural Parking Lot
15min → About 1km
 - Kamogaiso Lookout Parking Lot
40min → About 1.3km
 - ⑩Ajiro Tunnel
10min → About 700m
 - ①Uradome Coast Island Touring Boat
- Total traveling time : 3h26min
Total distance : About 7.1 km

Marine Park Course

- Start Estimated walking time
- Shirawara Coast Prefectural Parking Lot
15min → About 400m
 - ⑧Shirawara Coast
25min → About 700m
 - ⑦Kamogaiso / Sakamori Cave Mouth
5min → About 200m
 - ⑥Tsubakidani Columnar Joints
1min → About 100m
 - ⑤Monument for Russian Military Officers
5min → About 200m
 - ④Mizushiri Cave Mouth / Mizushiri Valley
15min → About 300m
 - Kamogaiso Lookout Parking Lot
20min → About 1km
 - Shirawara Coast Prefectural Parking Lot
- Total traveling time : 1h26min
Total distance : About 2.9 km

Ajiro Port Course

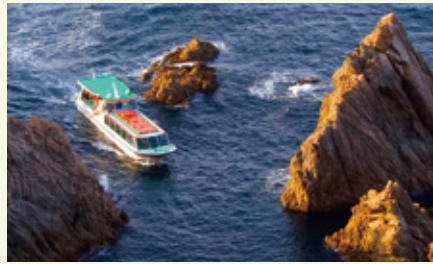
- Start Estimated walking time
- ①Uradome Coast Island Touring Boat
30min → About 1.2km
 - ②Sengan Matsushima
10min → About 200m
 - ③Oshiroi Cliff / Ajiro Observatory
15min → About 500m
 - ⑩Ajiro Tunnel
10min → About 700m
 - ①Uradome Coast Island Touring Boat
- Total traveling time : 1h5min
Total distance : About 2.6 km

Quiz1

Do you know what the flat terrain located near the base of a sea cliff eroded by waves is called? (The answer is on the next page.)

Uradome Coast's many places of interest

①Uradome Coast Island Touring Boat



Enjoy the diverse landscape on a touring boat. Witness the strong waves crash into the sea cliffs. Peer into the mouth of the sea caves. Gaze at the beauty of the islands covered with black pine wood and pure white beaches of quartz sand. There are large and small boats. Small boats can go into the caves.
For Inquiries Call: San-in Matsushima Yuran Co., Ltd 0857-73-1212 <http://www.yourun1000.com/>

②Sengan Matsushima



The polygonal granite columns separated by cracks and formed an isolated island with a sea arch. In the Edo era, Daimyō Ikeda, the lord of Tottori, saw this beautiful scenery and said "I will give money to anyone who can move this rock with the pine tree attached on top to my garden". This story is regarded as the origin of the island's name.

③Oshiroi Cliff/ Ajiro Observatory



Oshiroi Cliff reaches as high as about 70 m. It is said that the white color of the cliff is caused by the feces of wild birds. On top of the cliff there is Ajiro Observatory. It allows you to see the beautiful Uradome coastal landscape and the Tottori Sand Dunes.

④Mizushiri Cave Mouth/ Mizushiri Valley



It is said that because the valley water pours like a waterfall into a small cove creating the image of a tail of water, the area is known as "Mizushiri (water tail)." The cave mouth north-west from this waterfall is called Mizushiri Cave Mouth. Its hole was made by the rough waves due to the winter monsoon.

⑤Monument for Russian Military Officers



In 1905, after the Battle of Tsushima during the Russo-Japanese War, three dead bodies were found on Tajiri ocean. Local people courteously buried them in Tsubakidani and held a memorial service for them, even though they were enemies. To honor the local's actions, Renzo Sawada, who was one of Japan's first Ambassador to the United Nations, built a monument in 1962.

⑥Tsubakidani Columnar Joints



Dikes of quartz porphyry cuts through the granitic rock distributed throughout this area. Columnar cracks (columnar joints) were made when the magma cooled down and the polygonal rocks were formed. Columnar joints are commonly seen in basalt and andesite volcanic rocks, but porphyry is not very common.

⑦Kamogaiso/ Sakamori Cave Mouth



Kamogaiso is a beautiful coast with scattered islands and white sand beaches made of quartz and other kinds of minerals. There are Okamogaiso and Kokamogaiso. The cave mouth located on the east of the shore is called Sakamori Cave Mouth. It is said that Toson Shimazaki, who visited here in 1927, was also fascinated with this beautiful scenery.

⑧Shirawara Coast



This coast has a gravel beach made of granite and a sandy beach made of quartz sand. Between the rocky shore and the small island, you can see the dikes of quartz which has columnar joints cut into the granite rock. The sea area from Kamogaiso to Shirawara Coast has a beautiful beach with a high transparency of sea water. This area is designated as a Marine park.

⑨Natanejima island / Natane-goto Islands



The five islands lined off the Shirawara Coast are called Natane-goto Islands. It is said that they were a one cape first. After some cave mouth formed, the ceiling separated and that created those islands. Natanejima is the only island where rapeseed blooms.

⑩Ajiro Tunnel



Before this tunnel was created, there was a cliff between Ajiro and Kutsui. The narrow path on the cliff called "Sakoshi Haccho" was the only way to go over. In 1907, the village chief of Ajiro came up with the idea of building a tunnel through this cliff and it was finally finished in 1912. At that time, the granite was exposed inside of the tunnel and it collapsed. During the winter, ice pillars hung from the ceiling of the tunnel. So they said it was very dangerous.

Recommend: Tajiri



It is a fishing village where residences are densely located on the slope of the valley that opened toward the sea. The cityscape of this fishing village is started from the five houses of Tajiri Founder who settled in the place close to the beach in the Edo era and the residents who dwelt afterwards lived the recessed areas on both banks along the river and the hillocks of the west side and that opened the inner land. It has a lot of slopes and the cliffs with stone steps and piled stones which prevent from collapse when heavy rain.

Recommend: Hiyoriyama



Hiyoriyama, located on the North edge of Tajiri, has a stone lantern from the Edo era. This lantern was used as a lighthouse during that time. Underneath this lighthouse, there is a rocky reef called "Osawagase" and the tide is fast. It is considered that the lighthouse worked well as a landmark for the safety of those sailing during the night.

Geo-Column①

Columnar joints and Coastal Topography

On granite rock around Uradome coast, Northern to southeast directional columnar joint (Regular fracture) is formed as well as columnar joints and fracture zones (faults) in orthogonal directions. Along those columnar joint and faults, winter seasonal wind and rough ocean wave eroded granite rock. That created coastal topography of Uradome coast. You can see linear structure eroded along the joints in shape of the island and shore at Uradome.



Shirawara Coast



Sengan Matsushima (small cave mouth) and Koku-zosan Cave



Complex cove

Geo-Column②

Geopark in the ocean

The sea area from Kamogaiso to Shirawara coast is designated as a marine park zone. This sea area has a high transparency of sea water. It also has seaweed like Sargassum which is flourishing due to the abundance of sunlight. This seaweed becomes a home and feeding area for sea creatures which helps cultivate a rich ecosystem. The mixture of straight lines from the cracks of the columnar joints reaches into the ocean and with the sun shining down it creates a fantastic view. That is exactly "the geopark in the ocean."



Quiz-Answer

①Wave-cut platform

②It is made of darker rock called tuff-breccia, whereas the other coast and island are made of white granite rock.

Production

The San'in Kaigan Geopark Promotion Council & Research Section for Geo-environment, Institute of Natural and Environmental Sciences, University of Hyogo