



地元土柱と台湾野柳研究比較 ～台湾研修 Localから世界へ～

徳島県立脇町高等学校

1.台湾研修の概要と目的

- 日時 : 令和7年12月14日～18日(4泊5日)
- 場所 : 実験高級中学校、野柳地質公園、陽明交通大学、淡江大学視察
- 内容 : 台湾高校生との交流、土柱についての課題研究を英語で発表
台湾の野柳地質公園フィールドワーク
淡江大学、陽明交通大学半導体研究室訪問、日本人研究者の方との座談会



2 異文化体験と挑戦の意義

街中を埋め尽くすバイクの群れや交通ルール、生活習慣の違いを空気を感じる
臭豆腐や鴨の血などの日本ではなじみのない料理
⇒ 「未知の文化に溶け込むこと」⇒ 「自分の世界を広げる鍵」になる



3 NEHSでの交流と土柱研究比較発表

NEHS (実験高級中学校) での英語によるポスターセッションの実施後、台湾高校生から質疑応答



Awa Earth Pillars and Yeliou Geo Park

Kida Koushi, Takekawa Kotaro
Ku wajima Oto, Kuroda Ritsu

Awa Earth Pillars

Special: One of the Three Great Scenic Spots of the World
Location: Eastern Shikoku Island

Source: Google maps

Highlights of Awa Earth Pillars

Massive earthen pillars
ex. Hatouga-dake (波濤嶽)

Named because it looks like "raging waves"

There are also light-up events at Awa Earth Pillars.

Source: 阿波市観光協会

Yeliou Geo Park

Special: Unique formation of rocks
Location: Hsin-pei city, northern Taiwan

Source: <https://www.photo-ac.com/main/search>, Google Maps

Highlights of the Yeliou Geo park

You can see various shapes of strange rocks.

Fossils can be found on the surface of terraced rocks, and you can also learn about the history of the landform.

Source: Tourism Bureau, Ministry of Transportation and Communications, e台湾 Tourism Administration

	Awa Earth Pillars	Yeliou Geopark
Scale	The height of pillars: about 10 meters The width: about 50 to 90 meters	The largest rock: about 8 meters The area: about 1,700meters long and 200-250 meters wide
Shapes	Various shapes: cylindrical, needle-like, tower-like.	Various shapes: umbrellas, mushrooms, candles and shoes.
How they were made	Formed when a layer of sand rose and was worn away by erosion.	Formed by erosion from waves and wind.
Rock type and age	Mainly made of Izumi sandstone. 20 million years	Made up of mostly sandstone 1million years

Problems and Preservation

	Awa Earth Pillars	Yeliou
Problems	<ul style="list-style-type: none"> Weakening of rocks due to geological processes Weakening of rock due to weathering 	<ul style="list-style-type: none"> Weakening of rocks due to sea tides and weathering Collapse due to human contact
Solutions	<ul style="list-style-type: none"> Cutting down some trees Prohibition of touching pillars 	<ul style="list-style-type: none"> Promoting compliance with visitor etiquette Prohibition of touching rocks or damaging them

If it means prioritizing land conservation, changes to the landscape are unavoidable.

Each situation as a tourist attraction

Awa Earth Pillars

The number of visitors increased by 10,000. (2023-2024)
The shape of the pillars change every day due to weather or other factors.
Early visits are recommended!

Yeliou Geo Park

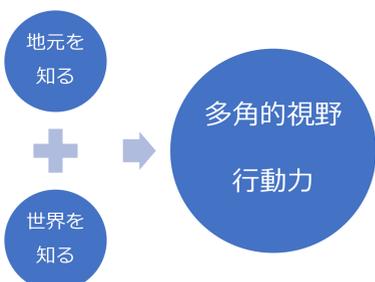
The "Queen Rock" is a popular spot. The oddly shaped rocks have been eroding because of many tourists and weathering. Their shape may change in the future.

CONCLUSION

We are looking forward to comparing the difference between Awa Earth Pillars and Yeliou Geo Park !

Source: Klook

4 研究を通じた学びと視野の広がり



地元の良さを海外の人に伝えることで地元への愛着が芽生えた

複眼的思考力
多様性に対する寛容な姿勢を身につけることができた

5 研究と交流の今後

半導体研究などや、日本語教育学など研究を進めるために海外で活躍する方から姿勢を学ぶ

⇒ 将来の指針 学びへの意欲の向上

