

Oct. 28-29, 2016

震災・復興とリスクマネジメント ( ) 国際都市神戸と世界の文化 ( ) 提言：国際紛争・対立から平和・協調へ ( ) グローバルサイエンスと拠点都市神戸 ( ○ ) その他 ( )

## [Title] 2nd Geopark fieldwork activities at San'in Kaigan Geopark

[Overview] Below is our 2nd Geopark fieldwork activities at San'in Kaigan Geopark activity report.

### 1.Theme

Kobe University Secondary School SGH program-"Global Science and Kobe as a Regional Core City"

This is an interactive program with "Tottori Prefectural Iwami Senior High School" and "Tottori University of Environmental Studies" about San'in Kaigan Geopark.

There is a wide range of landform・soil・climate and human life - Focusing on Kobe and Iwami's granite

### 2. Purpose

On Nov. 17, 2015, UNESCO HQ had the 38th General Conference. Global Geoparks Network(GGN) was supported by UNESCO, but from this day, GGN's activities were organized as "International Geoscience and Geoparks Program : IGGP". From this background, we aimed at 3 targets to learn from the beautiful nature of San'in Kaigan Geopark.

(1) Learn the basics of the natural science through the fieldwork activities.

(2) Cooperate and learn with Iwami Senior High School and Tottori University of Environmental Studies and have a feeling of closeness to the San'in Kaigan Geopark's nature.

(3) Learn the difference of the climate and history between the Pacific Ocean side-Kobe and Japan Sea side-Iwami. Focus on the "granite" to develop the perspectives of geological science.

(4) Learn from the San'in Kaigan Geopark's precious nature, recognize how wonderful your local area is.

We will especially focus on 2 & 4.

### 3. Contents

(1) Interactions with Tottori University of Environmental Studies.

(2) Fieldwork in San'in Kaigan Geopark

**Epecially, we focused upon listening to local community members to learn about the problems in the mountainous settlements (such as aging society, abandoned farmlands, rice paddy field maintenance, etc.).**



We visited the Shinonsen Town San'in Kaigan Geopark Center to know more about the geopark.



We did a fieldwork activities in Shinonsen Town with maps in our hands.



We found the source of the hot springs.



The source of hot springs in Shinonsen Town.



Delicious seafood. Thanks to the blessings of San'in Kaigan.



Interaction with the local people at Shinonsen Town-Haruki district.



We heard some stories from the Kinryuzan Manpukudera's master of the temple.



At the Haruki Shrine, we are listening to the stories of this shrine.



Visit to Haruki Elementary school (Now it became a community center).



Haruki district is famous for its soba(buckwheat noodle).



We had discussions with the local people about the 4 issues they are having problems with.  
(Team to discuss about the animal damage)



We had discussions with the local people about the 4 issues they are having problems with.  
(Team to discuss how people can use the Ex.Haruki Elementary School actively)

Student's comments

4th grade: K

This time we had 2 days to do the fieldwork. On the first day, we visited Geopark center and did fieldwork at Shinonsen Town. This made it possible for us to realize how the hot spring is useful in this area. At Yumura Onsen, we were able to realize how hot springs are used and how much water is coming out in a day.

On the second day, we went to Haruki district. It was our first time to visit the mountainous settlements, so it was very interesting to learn all the new things there. I realized that people used to live there and work in

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various industries using the local characteristic items, but now the area is having a depopulation problem. I was able to know the actual condition of the area because we did the fieldwork by ourselves. I would like to participate in this program continuously.

### 4<sup>th</sup> grade: T

I had 3 effective study results. First, I was able to know how a geopark will effect the area. I recongnized that these areas were able to commercialize geopark, but I believe that they can deliver more messages about how geoparks affect to our lives. Second, I was able to know more about the local areas around the geopark. It was a valuable experience for me to interact with the local people. Third, listening to the local peoples voices, I was able to get new ideas and receive understandings. This experience was really valuable for me so I am sure that I can use this in my future activities.

### 5th grade: H

We were able to learn and feel the life around the geopark by visiting the local area and hot springs. At the geopark center, we learned the history of the Japan Sea. We were also able to touch the natural resources such as sand and stones in San'in area. At the Yumura onsen, we learned that the hot springs are not only the tourism resources but the life resource of the local people. We were able to have discussions with the university students and local people and I was happy to connect with them. I would like to participate in this program again.

### 5th grade: T

On the first day, we walked around the beach. I was able to feel the natural resource of Hamasaka Onsen. I realized that Hamasaka Onsen has been providing various benefits to the local people and the travelers.

On the second day, we did the fieldwork at Haruki district with students from Tottori University of Environmental Studies. When we had discussions with the local people, I said that the Ex elementary school should be used as an art museum and show the artworks relating to their area such as Ryuken Deguchi's artwork of dragon. I recongnized that the local people want to make their area active, but the public administration will not say yes...I believe that we should support the local people's reform and have a broad-minded attitude to their activity.