## Bishu Biken Yamanashi

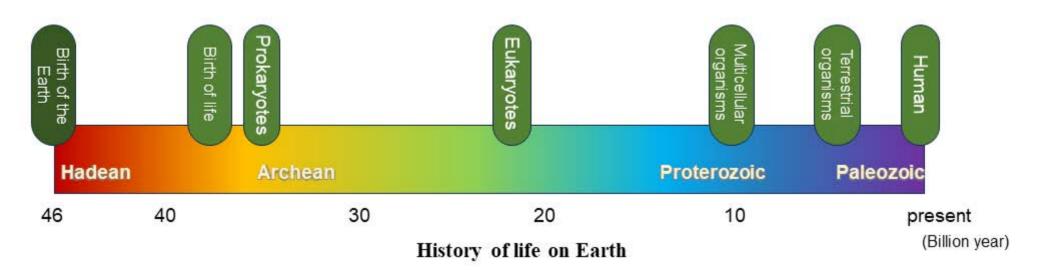
## Survey Team Report

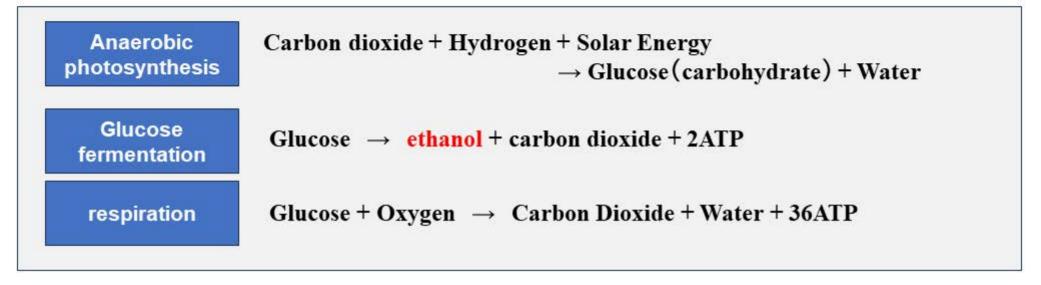
Illustrated materials

June 25, 2024

Dank Co., Ltd.

## Alcoholic fermentation is a memory of the early days of life history





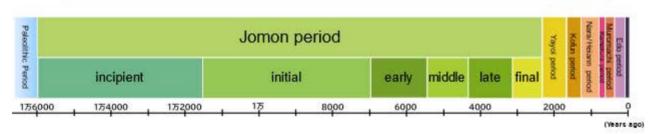
## Its Yamanashi the origin of Japan's sake culture?

During the Jomon period, the Chubu Mountains (Yamanashi and Nagano) were places where people and things intersected.

Obsidian, the oldest brand in Japan, was brought to various parts of Japan as a material for the finest arrowheads.

When you look at the earthenware and clay figurines of Venus depicting humans and animals living in the forest made in the village at the foot of the mountain, you will be amazed by the high artistry of the Jomon people, and you can feel close to the Jomon people, who prospered due to the blessings of obsidian and mountains.

(From the Japan Heritage Portal Site)



Origin and distribution of obsidian (Obsidian Museum, Ngawa Town, Nagano Pref.)

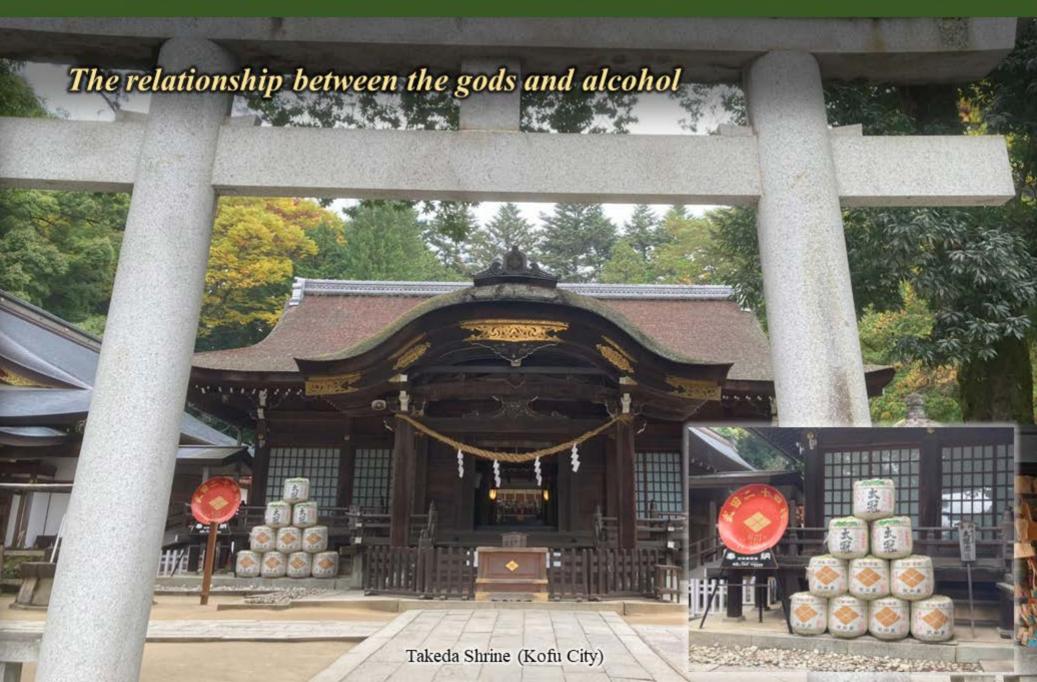
# 切れ味のよい石器の材料として人気が高かった天然ガラスの黒瞳石 られた原産地から渡い道のりを経て各地へと運ばれていきました ■曜石はVolutiの前さらした資金が、かたまってできた天然のガラスです。朝れ口が続く加工しやすいことから、切れ味のよい ラ光る素解石。この素解石を産みだした山の近くには、なぜか"量"の文字がつく地名が特徴的にみられます。下春秋町の 要々益\*\*草ヶ村\*、そして、いつのほからでしょうか、長知的の誰山地区にある層産地には"葡萄貨"という地名が言い伝えられて Obsidian



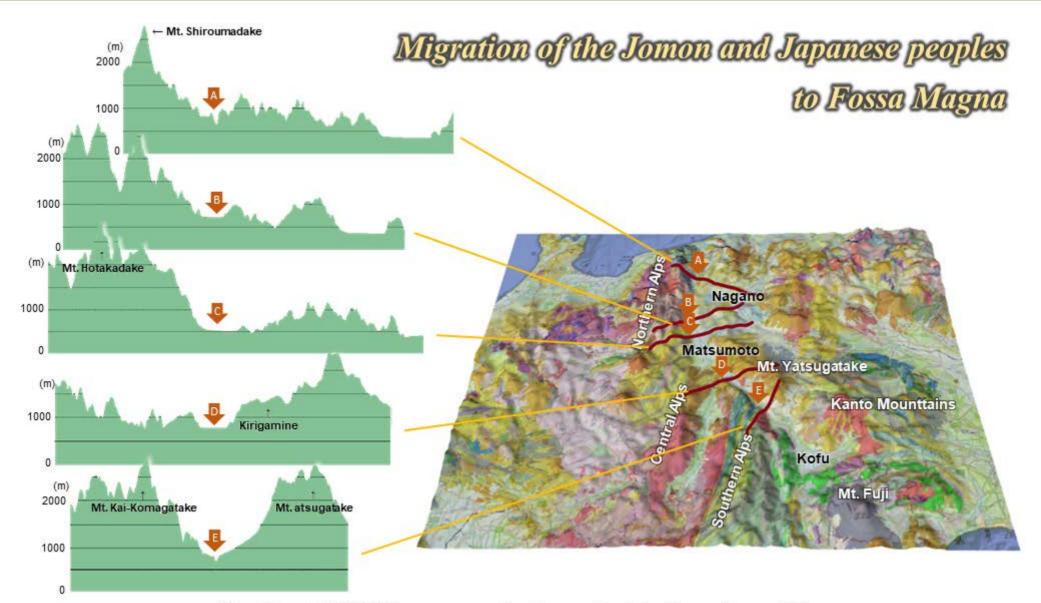
Miss Ishinotsubo (Nirasaki Folk Museum)

#### Gods, the Jomon people, and the Chubu Mountains – the origin of Japanese sake culture









The Great Rift Valley across the Japan Archipelago, Fossa Magna with the Itoigawa-Shizuoka Tectonic Line as its western edge











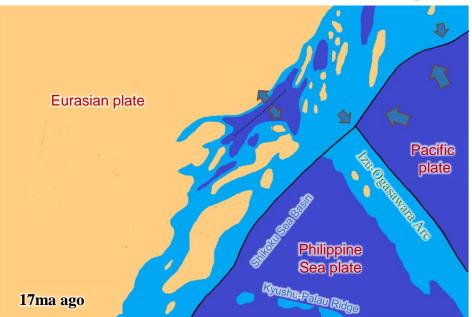




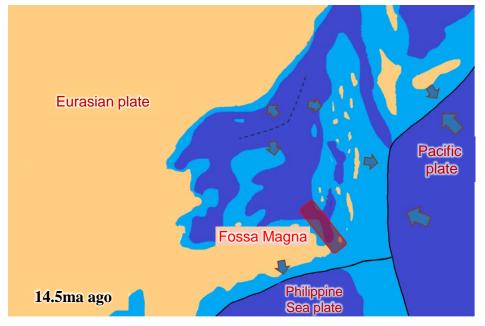
## Expansion of the Japan Sea and the formation of Fossa Magna



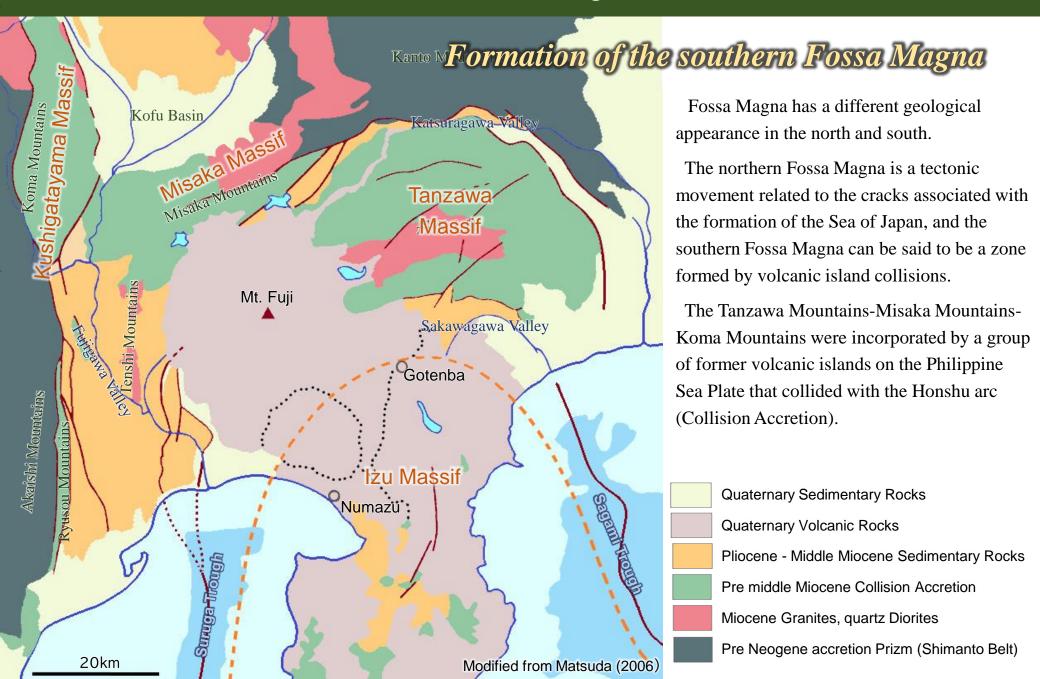
- 1) The Japan archipelago, which was part of the Eurasian continent, separated from the continent with the expansion of the Sea of Japan, which began around 22 million years ago.
- (2) By about 15 million years ago, northeastern Japan rotated counterclockwise, and southwestern Japan moved in parallel in a southeasterly direction. As a result, the Great Rift Valley (Fossa Magna) was formed between northeastern Japan and southwestern Japan.



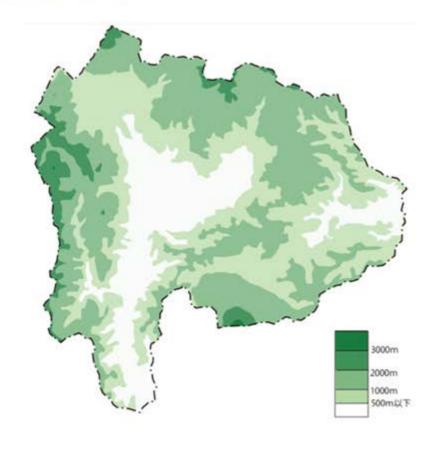
(1) The Japan archipelago is separated from the continent to form the Sea of Japan.

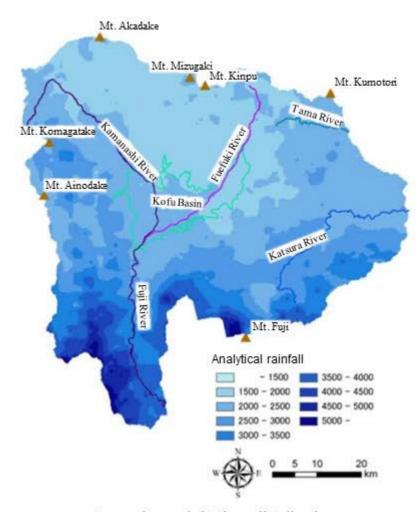


(2) With the expansion of the Sea of Japan, the Great Rift Valley (Fossa Magna) is formed.



## Topography and climate in Yamanashi



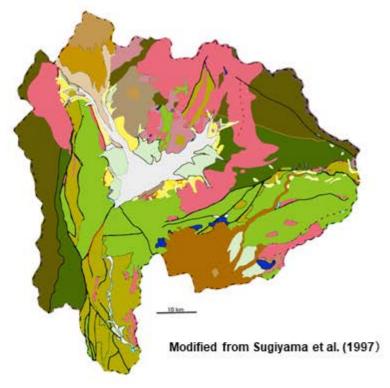


Elevation distribution of Yamanashi

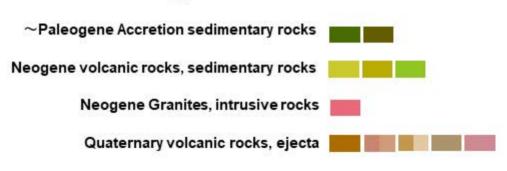
Annual precipitation distribution map

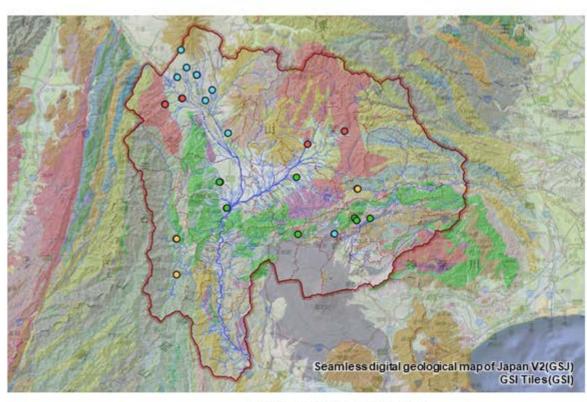
Source: Survey on Water Resources (2023/24) Yamanashi Prefecture

## Geological Area Classification and Water Quality Survey Sites

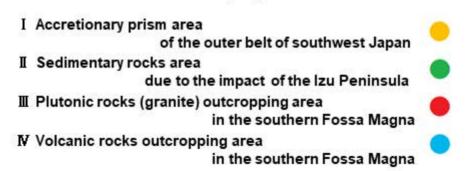


Geology of Yamanashi

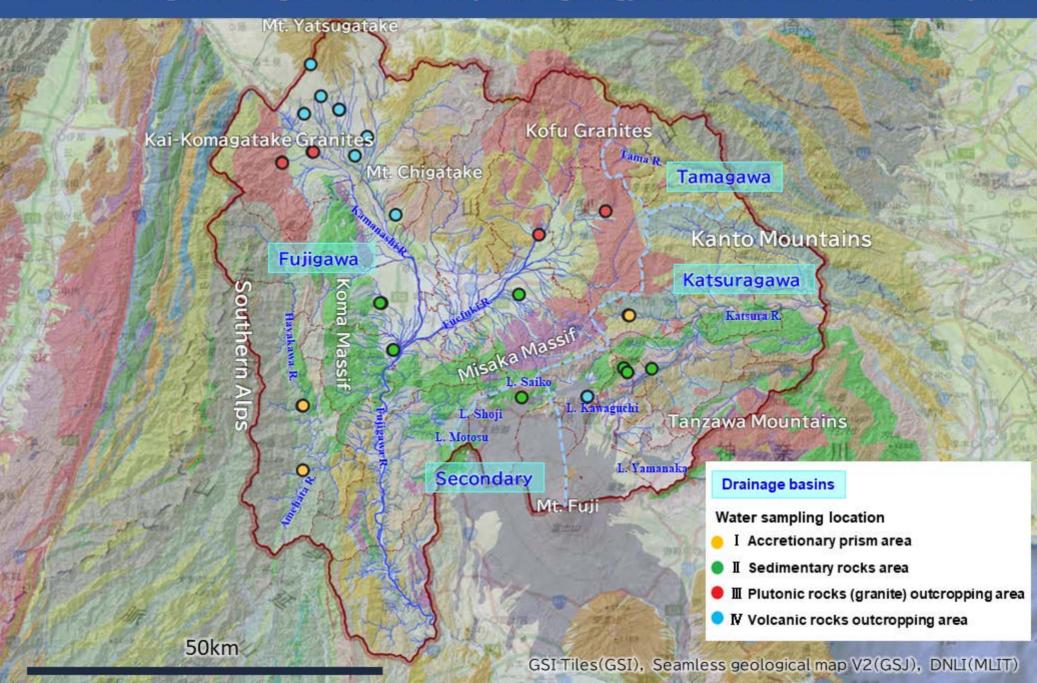


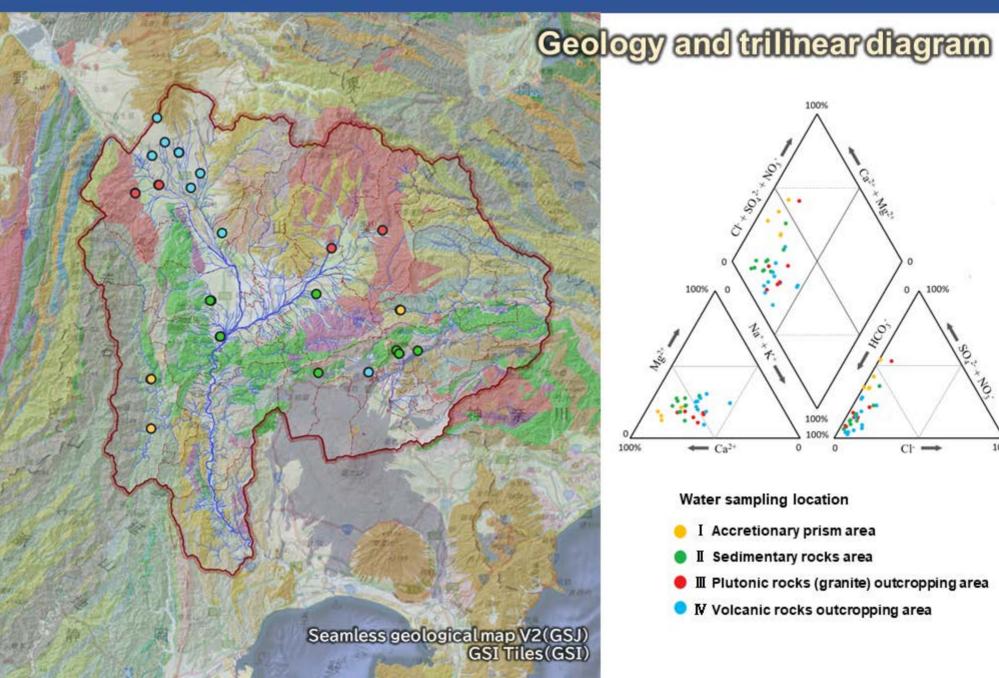


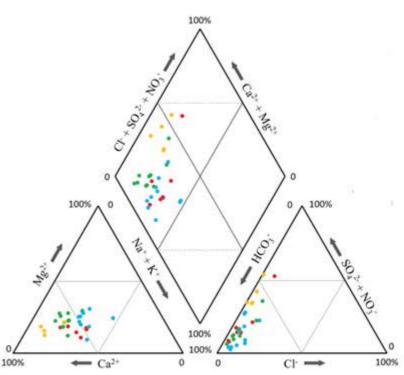
Water sampling location



Drainage basins, groundwater flow systems, geology, and sake breweries in the study area



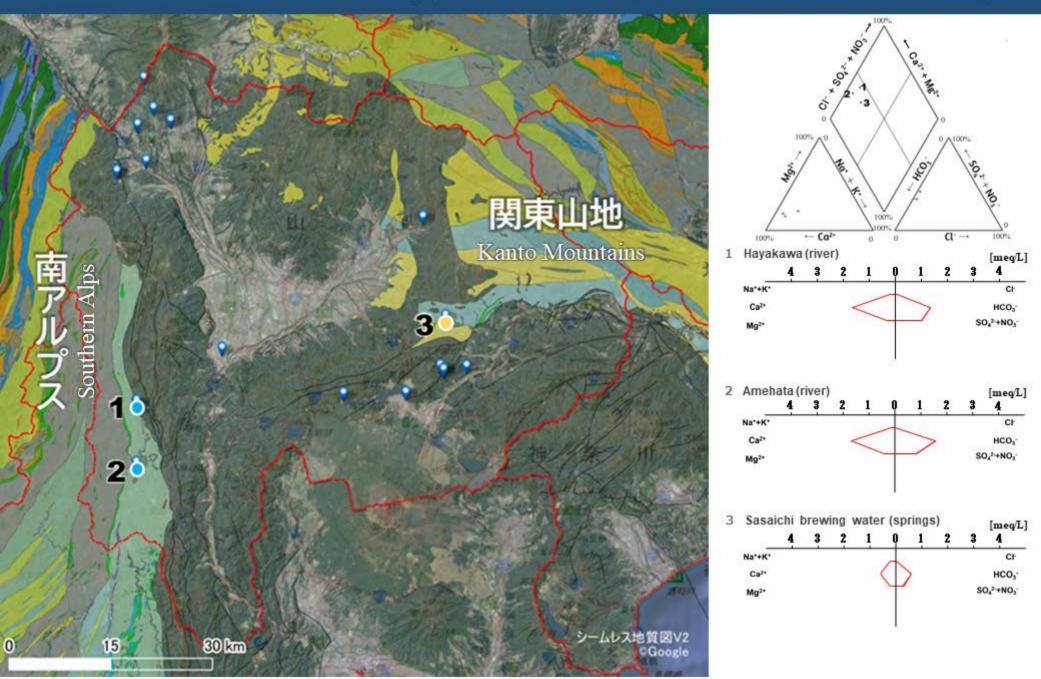




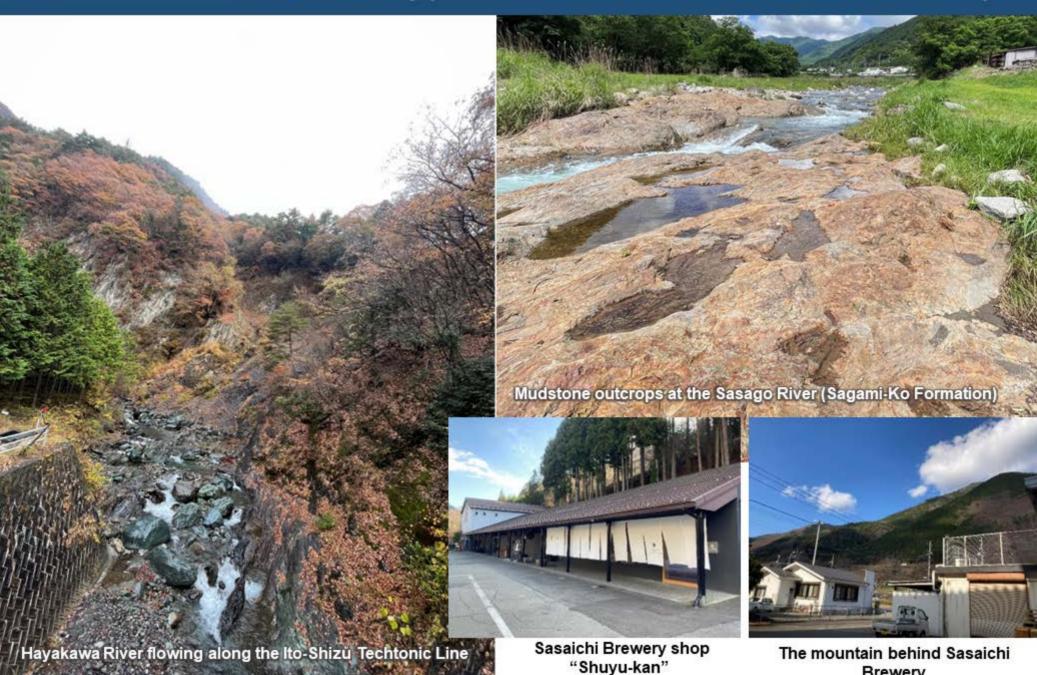
#### Water sampling location

- I Accretionary prism area
- II Sedimentary rocks area
- III Plutonic rocks (granite) outcropping area
- IV Volcanic rocks outcropping area

## I. Accretionary prism area of the outer belt of southwest Japan

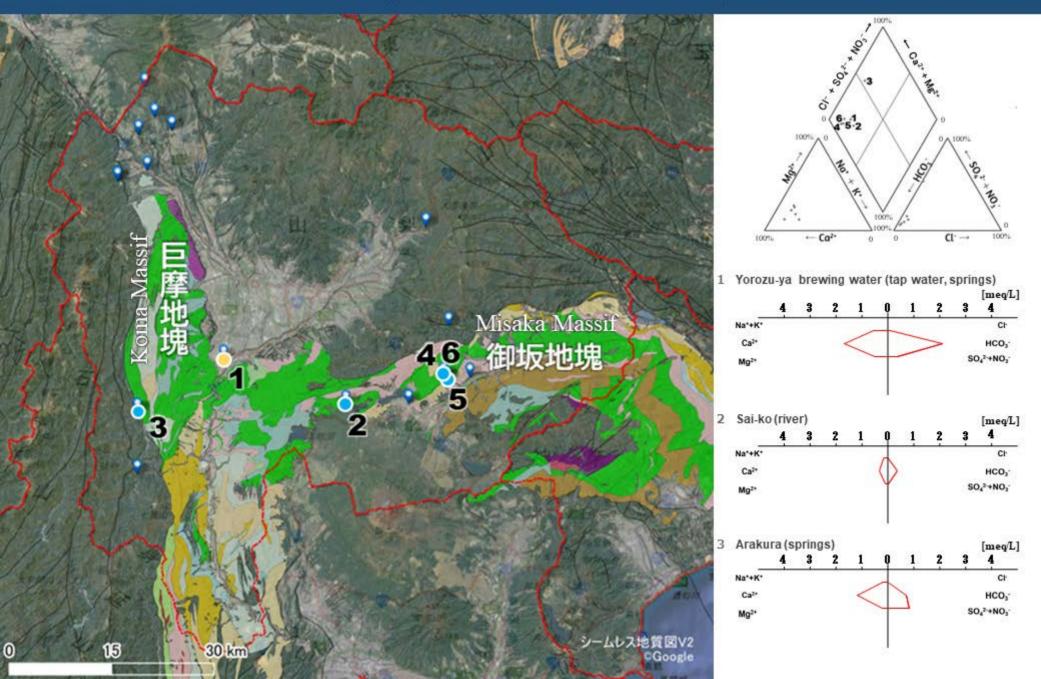


## I. Accretionary prism area of the outer belt of southwest Japan

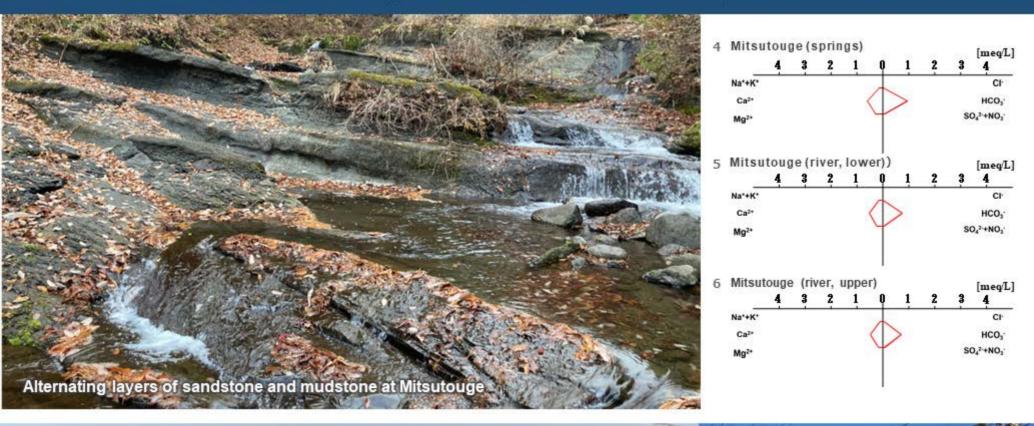


Brewery

## II. Sedimentary rocks area due to the impact of the Izu Peninsula

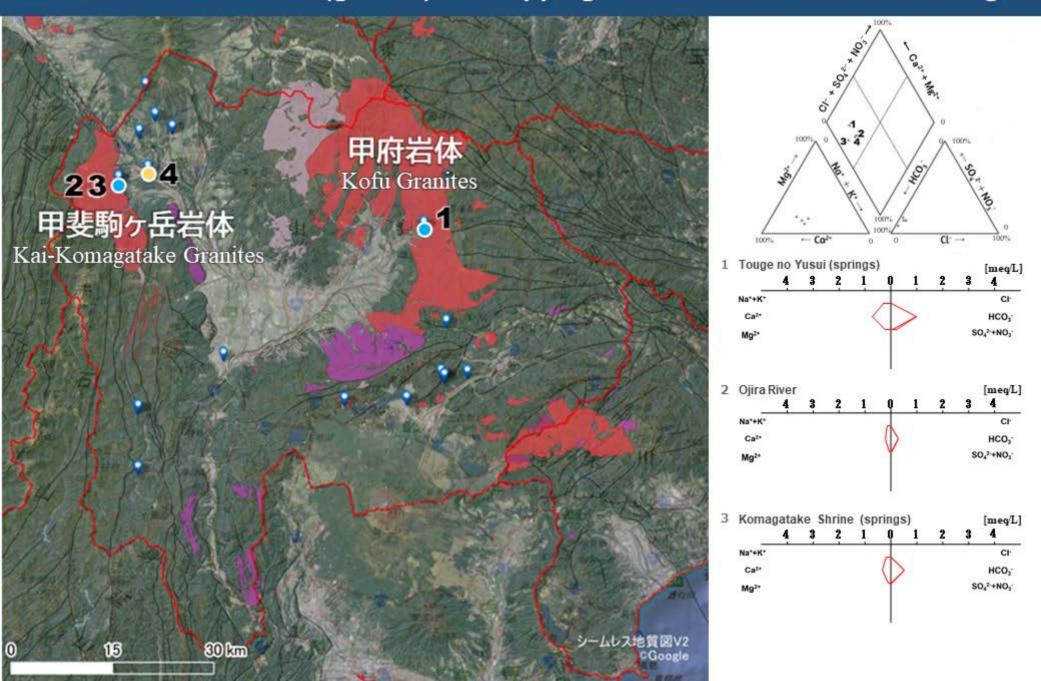


### II. Sedimentary rocks area due to the impact of the Izu Peninsula





## III. Plutonic rocks (granite) outcropping area in the southern Fossa Magna





4 Yamanashi-Meijo brewing water (springs)

4 3 2 1 0 1 2 3 4

Na'+K'

Ca²+

Mg²+

Na'2+No;-

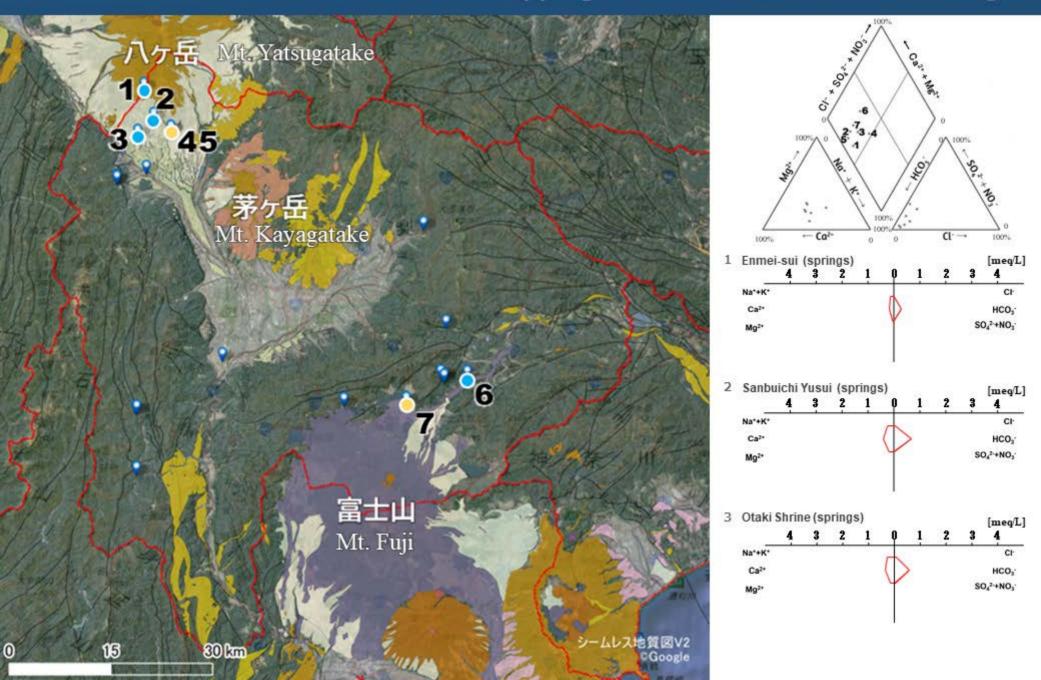


Yamanashi-Meio Brewery



You can sample the brewing water

## IV. Volcanic rocks outcropping area in the southern Fossa Magna



## IV. Volcanic rocks outcropping area in the southern Fossa Magna



