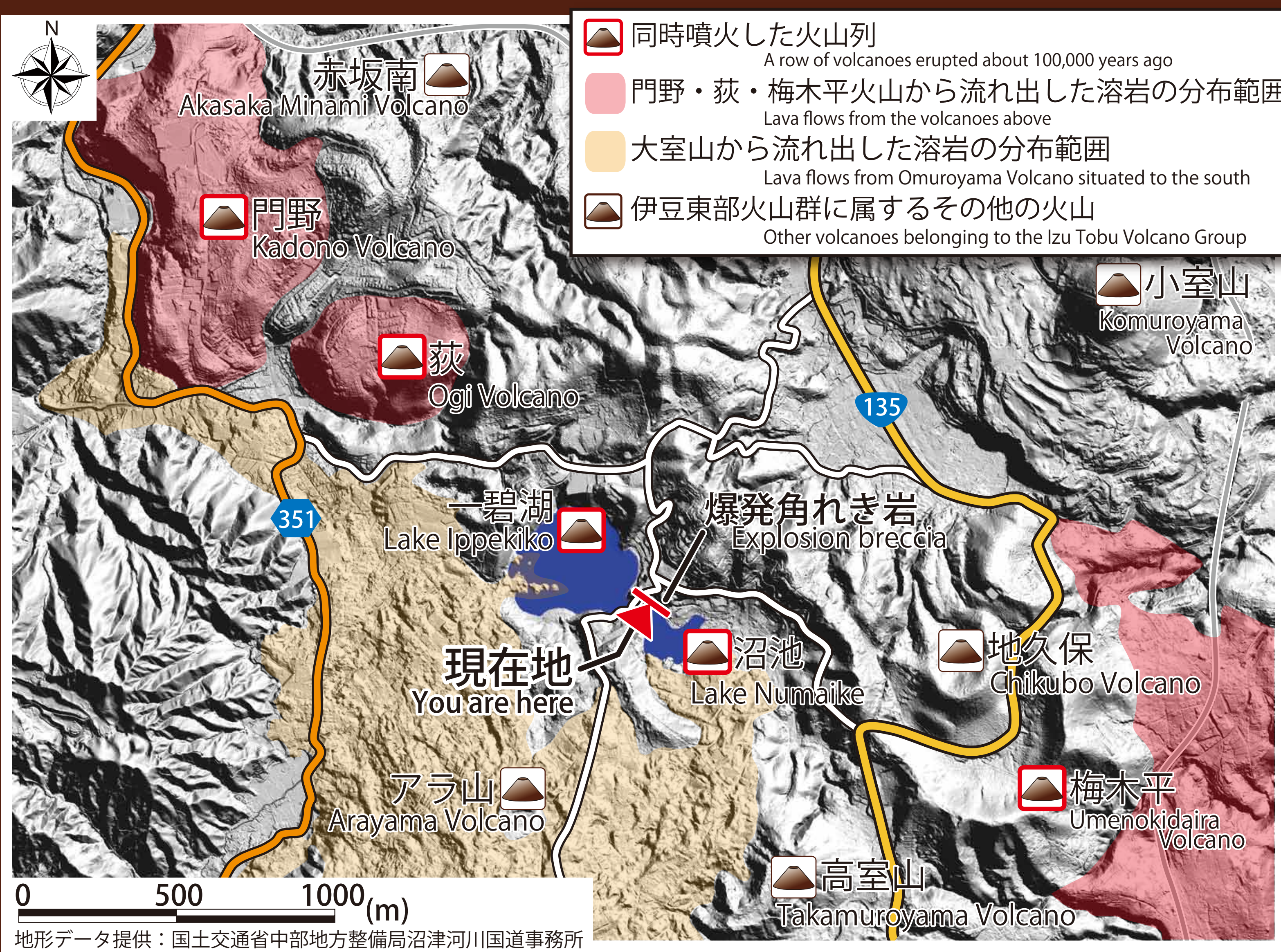


丸い湖をつくった噴火

The round lake formed by volcanic eruption

伊豆半島ジオパーク
IZU PENINSULA GEOPARK



「伊豆の瞳」と呼ばれる一碧湖を地図や航空写真で見ると、みごとに丸い形をしています。また、隣にある沼池とあわせて「ひょうたん形」の湖と呼ばれることもあります。

一碧湖と沼池は約 10 万年前の噴火でできた火口湖です。この噴火では、一碧湖と沼池だけでなく、北西から南東方向に伸びた「噴火割れ目」に沿って 5 つの火山が いっぺんにできました。一碧湖や沼池は水とマグマが触れ合う爆発的噴火で生じた「マール」と呼ばれる火口で、まわりの崖には吹き飛ばされた火山弾をたくさん含む「爆発角れき岩」が見られます。

If you see Lake Ippekiko, known as the pupil of Izu, on a map or aerial photograph, it has an admirable round shape and is sometimes referred to as a gourd-shaped lake along with the adjoining Lake Numaike.

Lakes Ippekiko and Numaike are twin craters resulting from an eruption about 100,000 years ago. In this eruption, five volcanoes including the crater lakes were formed along an “eruptive fissure” stretching from the northwest to the southeast. The lakes are part of the depressed area called a maar –the result of an explosive (phreatomagmatic) volcanic eruption. On the cliffs around the maar, you can see explosion breccia and volcanic bombs.



爆発角れき岩の観察できる場所
The places where explosion breccia is observable



爆発角れき岩
Explosion breccia

爆発的な噴火で飛び散った火山弾を多く含む地層
The layer containing many volcanic bombs which were scattered by the explosive volcanic eruption

