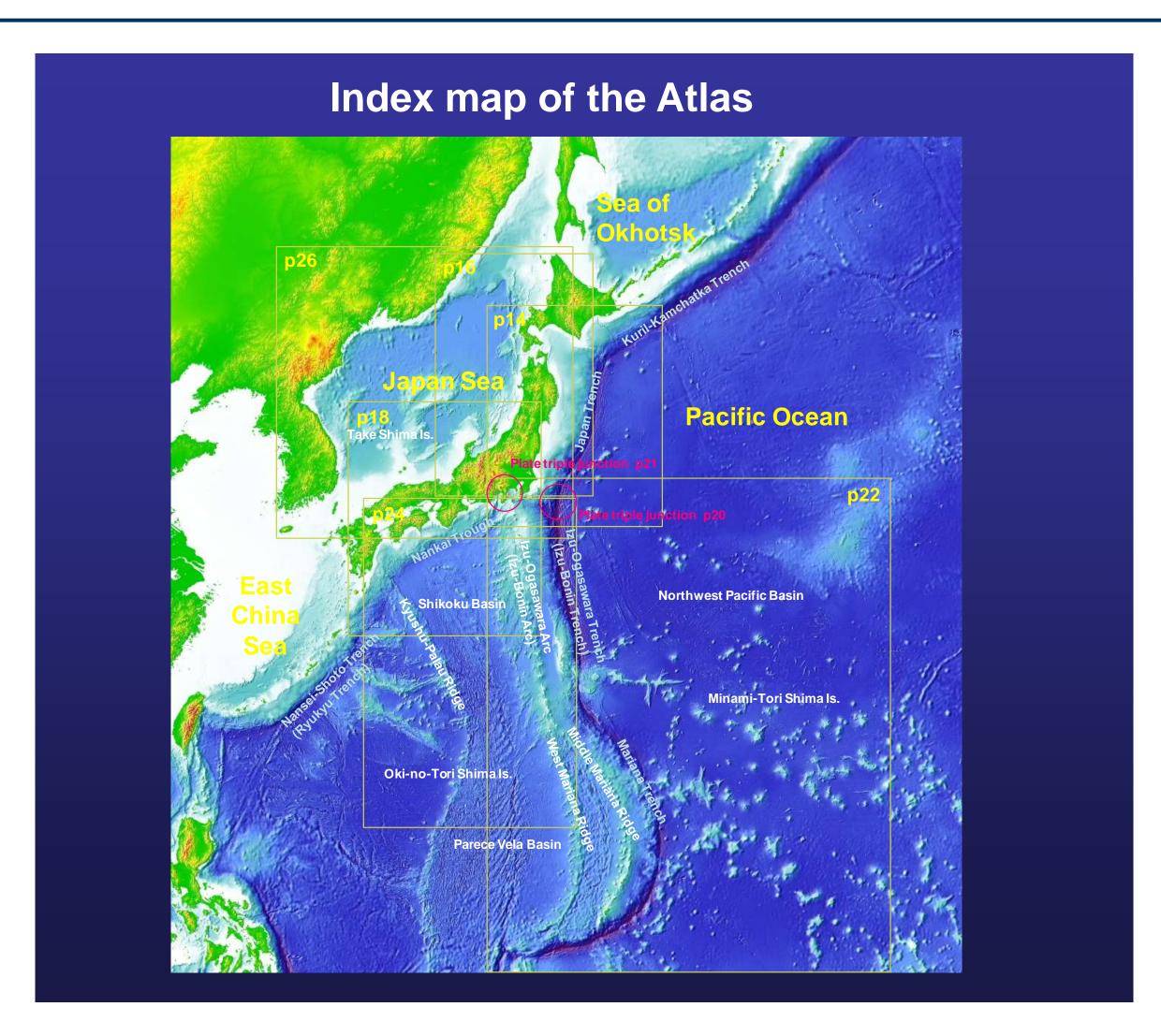
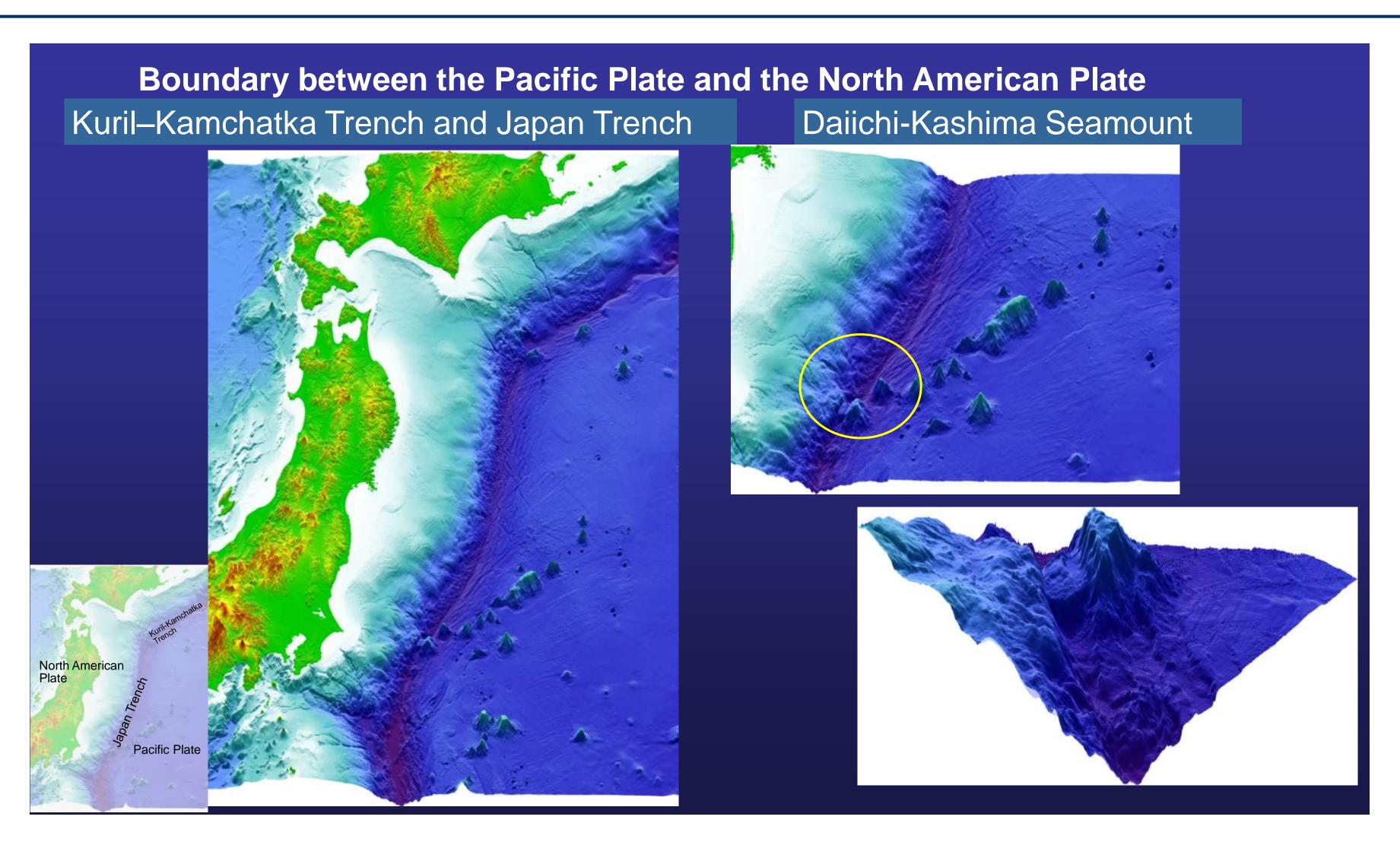
# Publication of "ATLAS OF THE SEAS-the 140th Anniversary of the Hydrographic Office of Japan-"

Kunio Yashima Japan Hydrographic Association

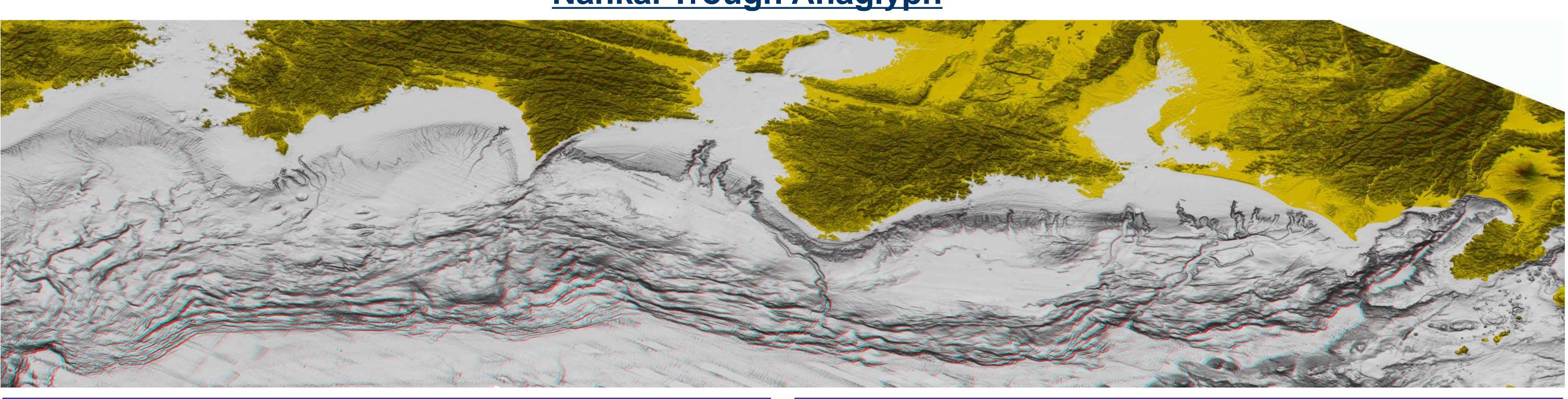
# **Abstract**

The JHOD celebrated the 140th Anniversary of its founding in September 2011. To commemorate this, the JHA has published a booklet titled "Atlas of the Seas". This booklet was edited by the Editorial Committee that consists of JHOD and JHA staff with the intention to introduce the ocean and seas surrounding Japan visually. In this poster, several 3-D seabed images for each sea areas are shown.



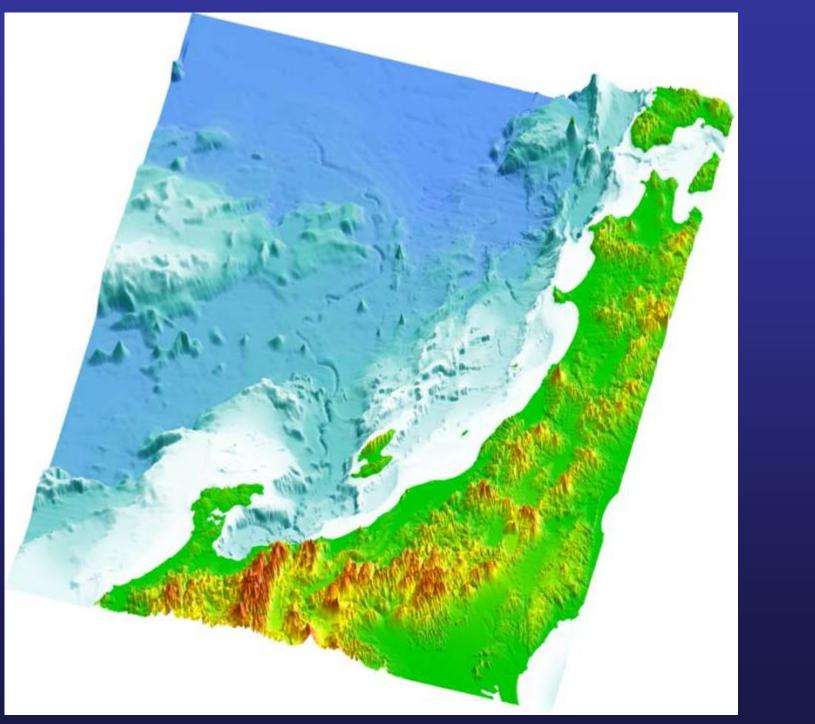


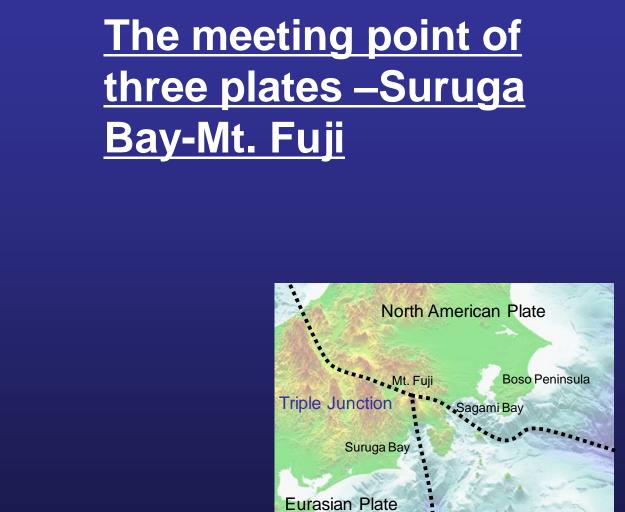
# Nankai Trough Anaglyph

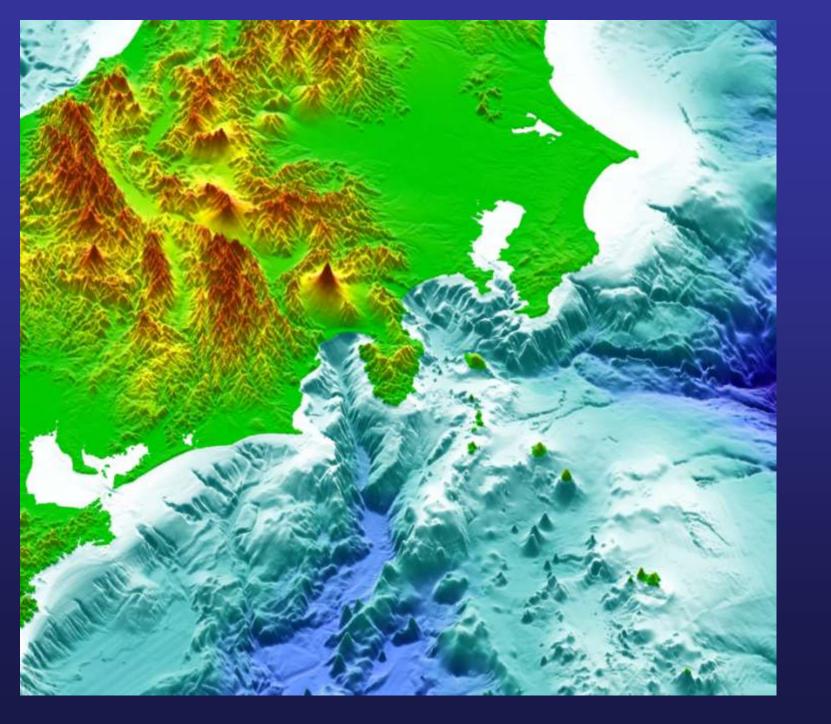




-Toyama Seachannel meandering extends about 750 km-



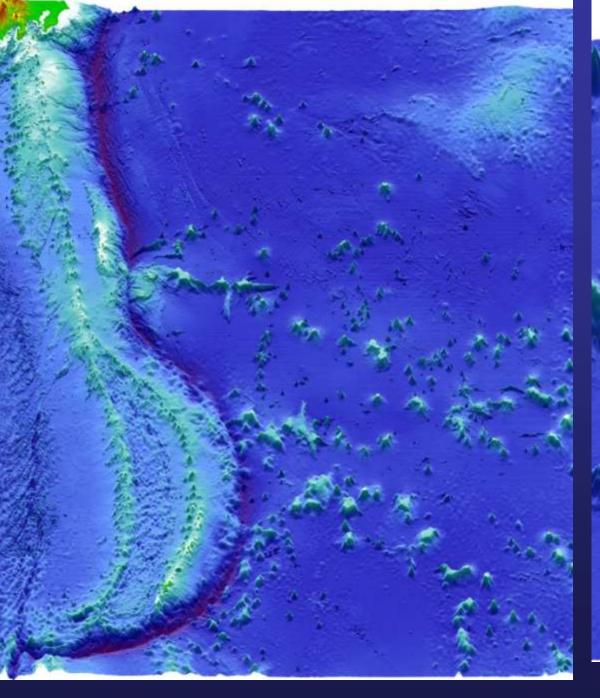


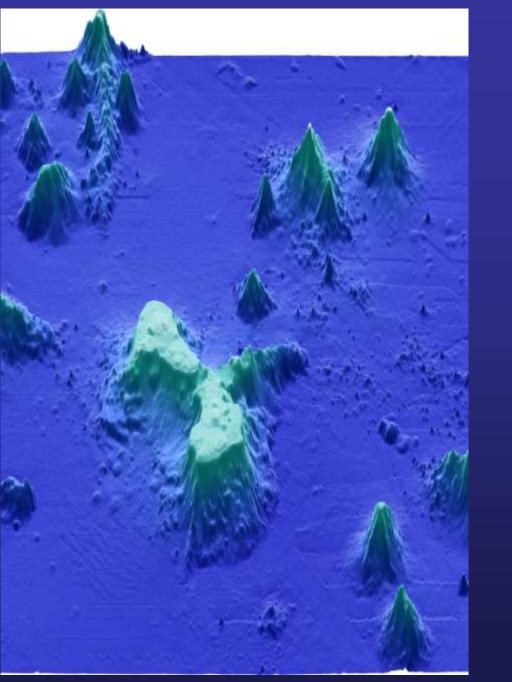


# The ocean floor of the Pacific Plate

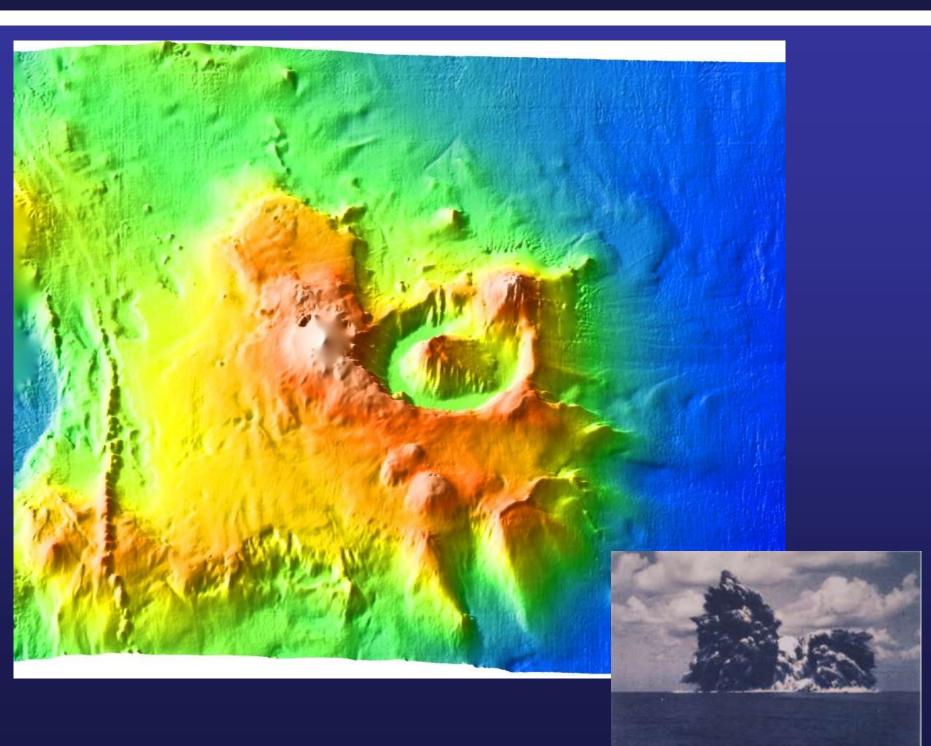
Left: Pacific seafloor with many seamounts

Right: Takuyo-Daigo Seamount (Guyot)





# Right: Myojin-Sho Submarine caldera Below: Distribution of volcanic islands and submarine volcanoes P42 Mt. Unzen P42 Mt. Kaimon P42 Mt. Kaimon P41 Fukutoku-Oka-no-Ba



# **Naruto Strait**

Lower Left: Tidal current in Naruto Strait is 10.6 knot (fastest in Japan) and generates big vortices.

Right: Cauldron in Naruto Strait



### Hayasui Strait – World's Deepest Cauldron

Left: Peak current velocity is more than 5 knots(about 9km/h)

Right: Maximum depth 460 m (about 360 m below surrounding seabed)

