



Landslide prevention works in the Myoban district

In the Myoban district of Beppu City in Oita Prefecture, there is a hydrothermal landslide zone. The soil is highly acidic (pH of 1 to 3) and hot (reaching 80°C in places). NM ground anchors employing CFCC tendons (stable for a long period under these harsh environmental conditions) were used. In place of cement grouting, resin grouting was used in the underground anchoring.



- **Owner:**
Beppu Civil Engineering
- **Location:**
Oita prefecture
- **Dimensions:**
Anchor length 15.08~33.36m
- **Materials:**
CFCC 1 × 7 φ12.5 L=3,255m
- **Application:**
Ground anchors
- **Completed:**
Mar '00
- **ACC Projects list:**
#135,150