

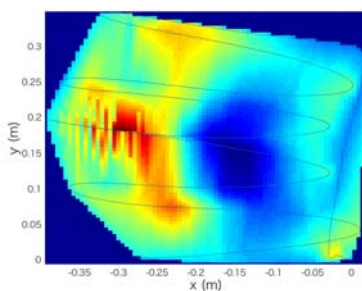
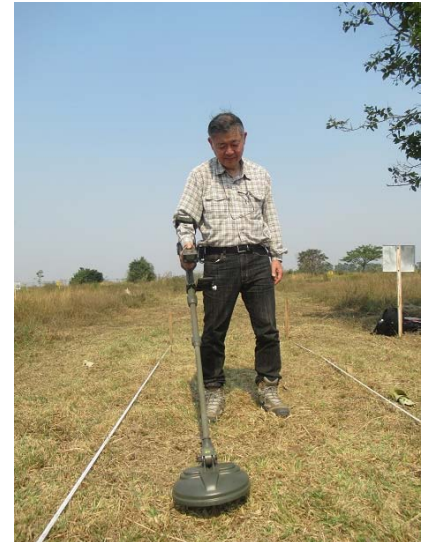
ALIS

Advanced Landmine Imaging System

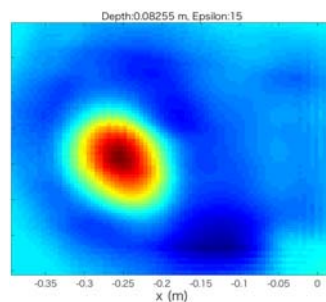
<http://magnet.cneas.tohoku.ac.jp/satolab/satolab-j.html>
<http://cobalt.cneas.tohoku.ac.jp/users/sato/ALIS.htm>

ALIS is a hand-held dual sensor system, which consists of a metal detector and a ground-penetrating radar (GPR). The most unique feature of **ALIS** is its visualization function of the metal detector and GPR. Operators can easily identify buried mines on the visualized image.

The full features of a state-of-the-art metal detector are available, for example the soil compensation function and the pinpointing capability. The GPR antennas are integrated into search head together with metal detector coils. The control unit holds all the electronics and a rechargeable battery. The color LCD display provides the survey results both from the metal detector and the GPR as images. Audio alert is also available for the metal detector indication.



Metal Detector
Mine can be seen at the boundary of red and blue signal



GPR
The shape of the mine can be seen

ALIS Display

Weight (Battery included)
3100g
Size (Storage)
810 mm x 310 mm x 265 mm.
Operation condition
-46°C – +70°C
Operation time
6 hour



- High efficiency and reliability by Dual sensor combining metal detector and GPR
- Recognition of the shape of buried objects by GPR
- Color signal displayed on 4.7"LCD.

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