

Users Manual

FIELDNAUT ver. 1.5

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Japan Space Systems

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2. Change Layers
3. Share & Delete Layers
4. Callout Note Information
5. Start & Stop Tracking
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1. Parts & Names

OPEN Button
You can see
Control Buttons.



CLOSE Button
You can hide
Control Buttons.



LAYER Button
You can change maps and
overlay geojson files.

START Button
You can start tracking.

Your Location
Your location.

1. Parts & Names



Stop Button

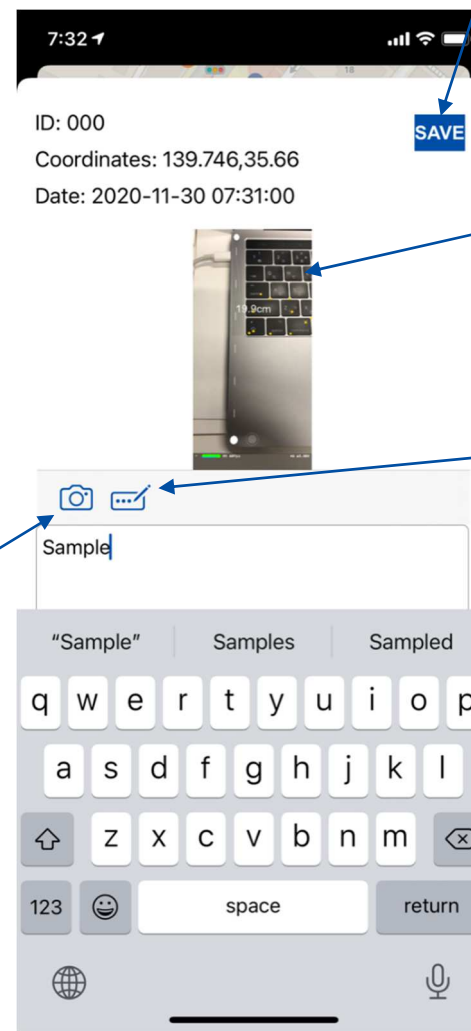
You can finish tracking (survey). The button will show up after tap Start Button.

Note Button

You can take note (waypoint with note and a photo). The button will show up after tap Start Button.

Camera Button

You can tap and take a photo.



SAVE Button

You can save information.

Photo

A photo which you take with **Camera** and/or **AR Measurement** Functions.

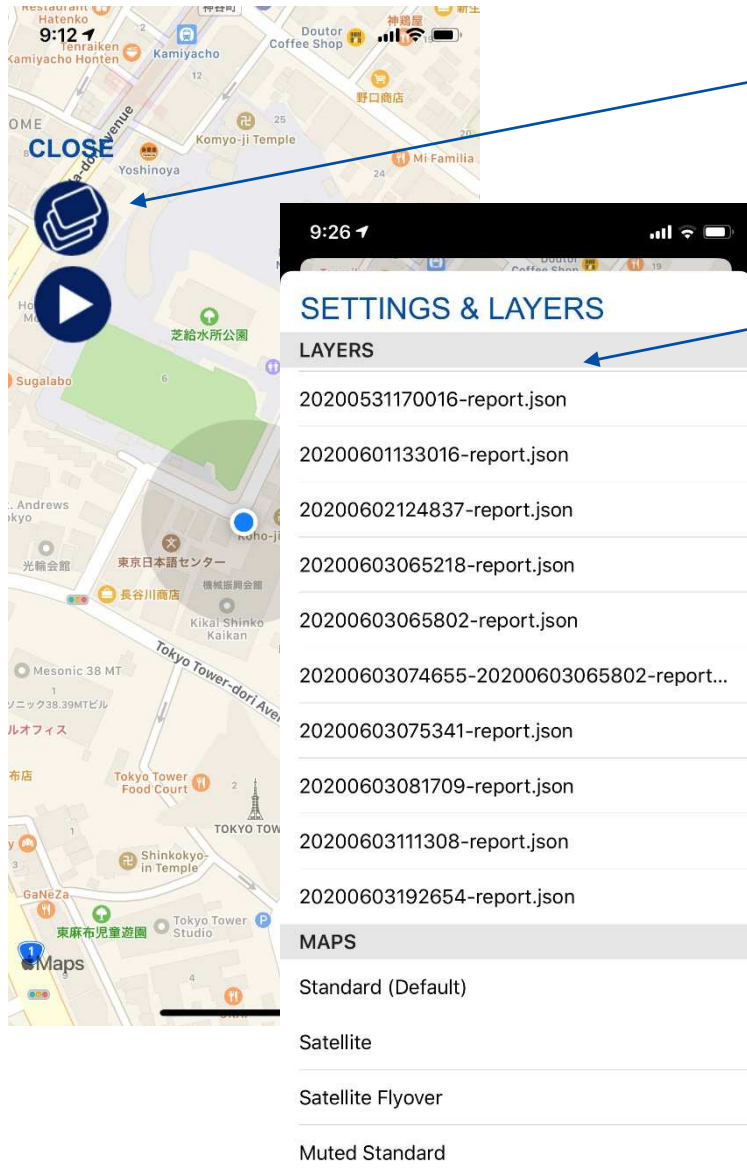
AR Measurement Button

You can tap and measure your target object.

Note Screen

The screen will show up after you tap Note Button. You can check location and time, Take a photo, measure an object and take some notes. Once you tap **SAVE** Button, the note will be recorded.

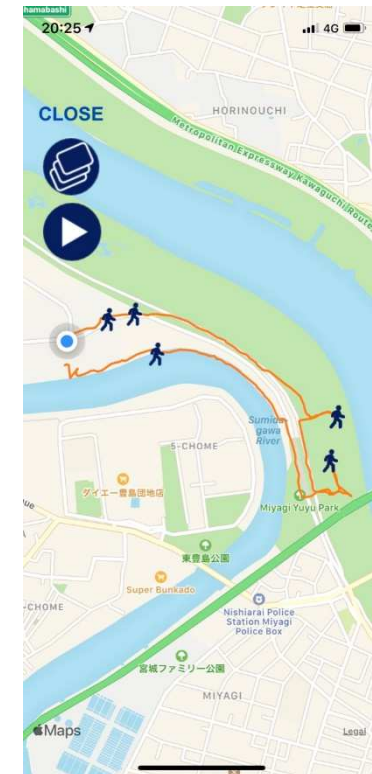
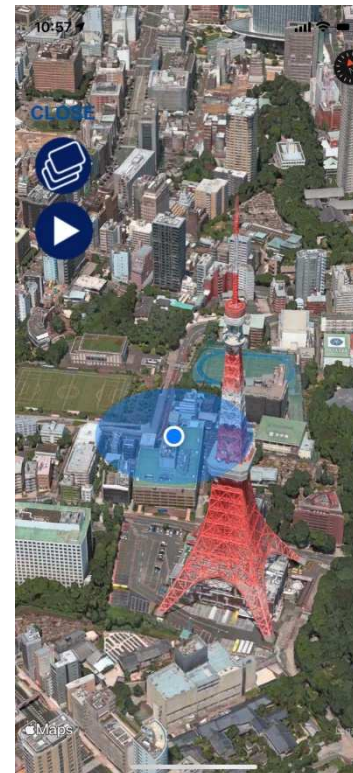
2. Change Layer



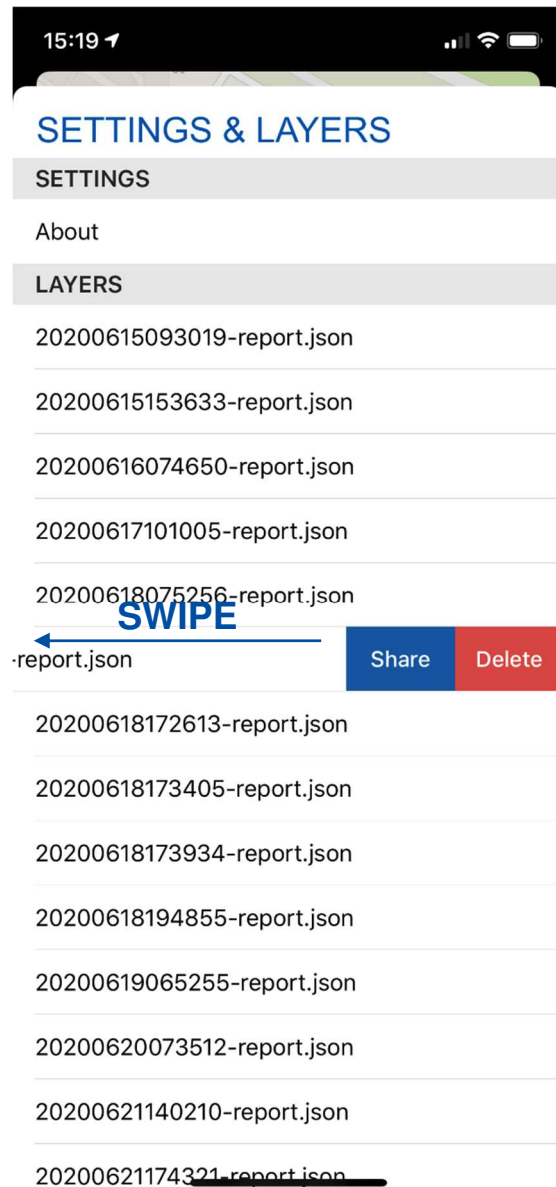
1. Tap **LAYER** Button
2. Select **LAYERS** and/or **MAPS**

PREVIOUS LOGs

All tracking records will be saved as geojson format, and you can overlay on the map.



3. Share and Delete the Layer

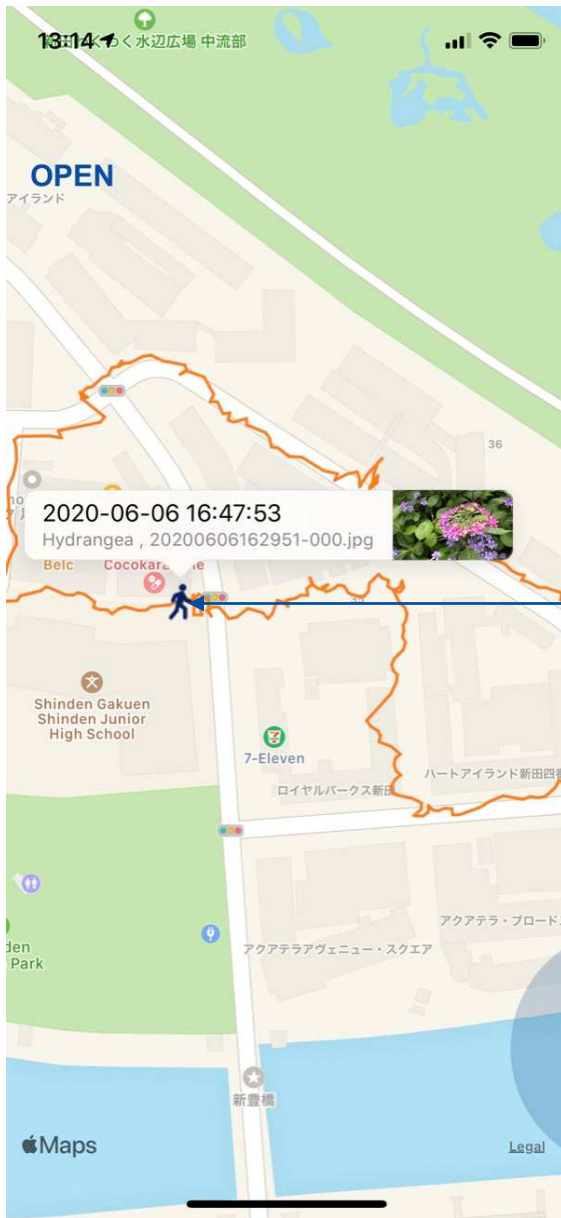


1. **Swipe** Layer to Left.
2. Tap **Share** to share files which consist the layer over email and/or SNS.
3. Tap **Delete** to delete files which consist the layer.

Caution!

You can delete files once you tap Delete completely. You cannot recover the deleted files. Please be careful.

4. Callout Note Information



Date When Note Was Taken.
Comments, Photo File Name

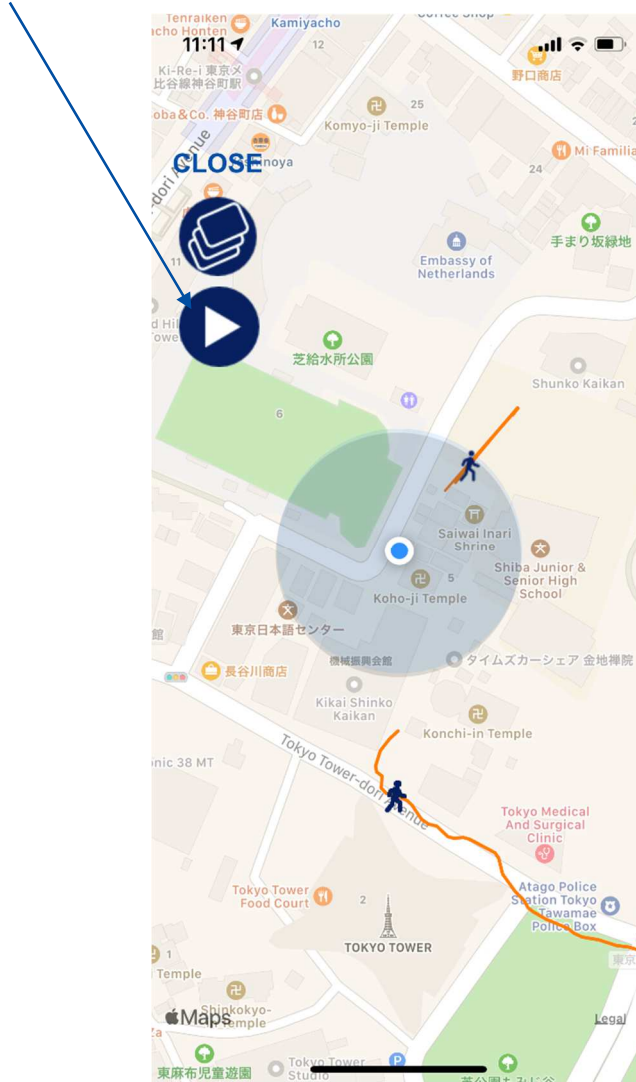
Photo Which Was taken at the Time.

1. Tap  **Button** to Callout Note Information.

5. Start and Stop Tracking

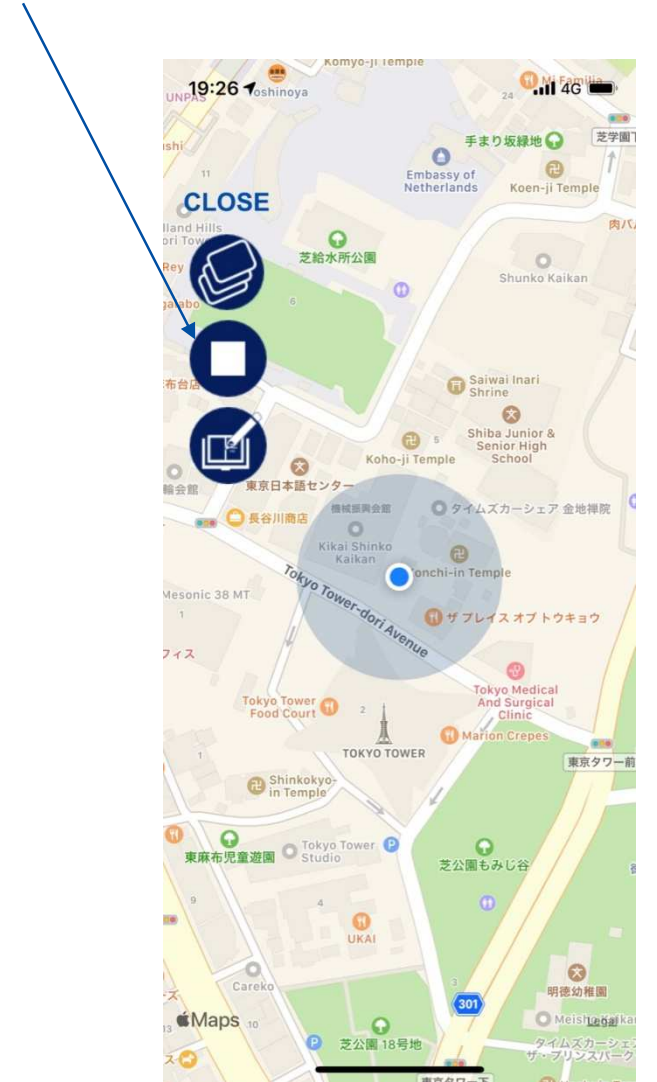
➤ Start Tracking

1. Tap **Start Button**.



➤ Stop Tracking

1. Tap **Stop Button**.

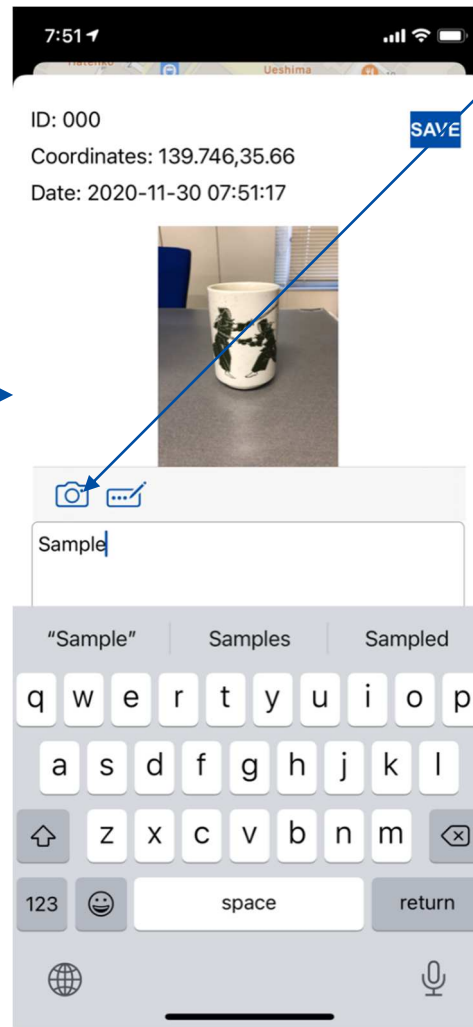


6. Take Note w/ Camera

- Open Note Screen
 1. Tap Note Button.



- Take a Photo
 1. Tap Camera Button.
 2. Take a Photo.
 3. Tap Use Photo.
 Screen will return automatically.

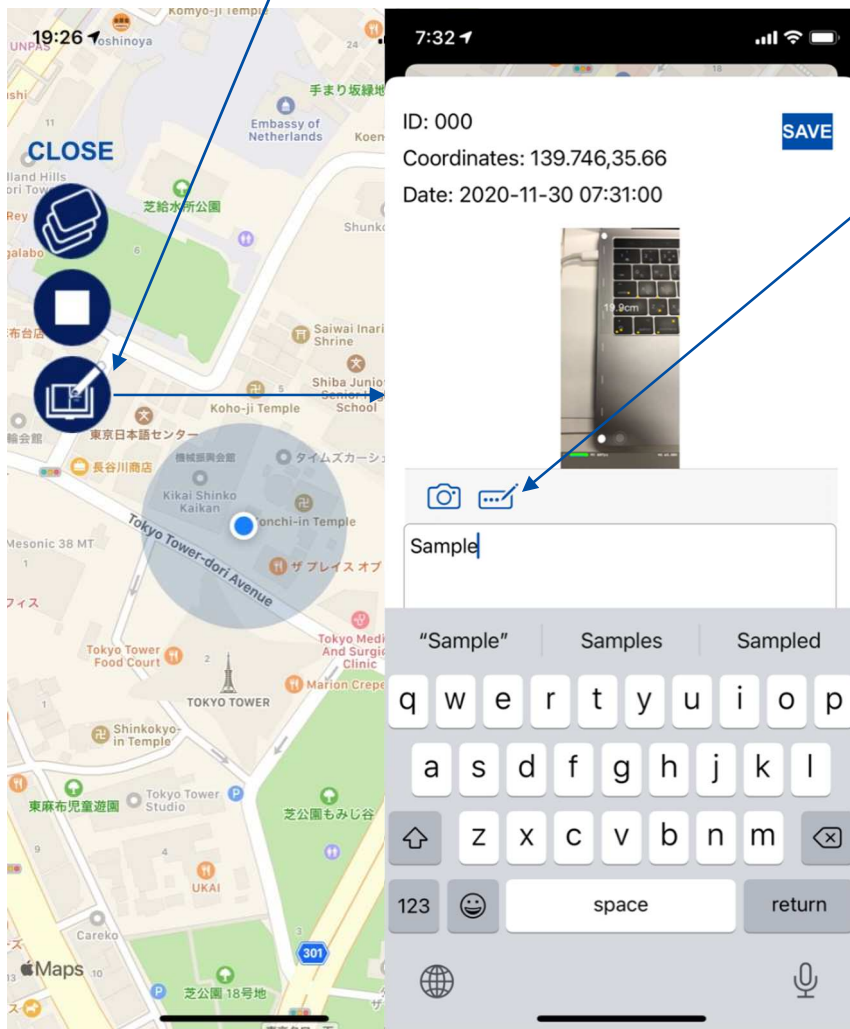


- Take Note
 1. Tap Text Field.
 2. Take some notes.
 Keyboard will show up automatically. You can also use voice record.
- Save Note
 1. Tap Save Button.

6. Take Note w/ AR Measurement

➤ Open Note Screen

1. Tap Note Button.



➤ AR Measurement

1. Tap AR Measurement Button.

2. Tap the Screen to add the first point.

3. Tap the Screen again to add the second point for measurement.

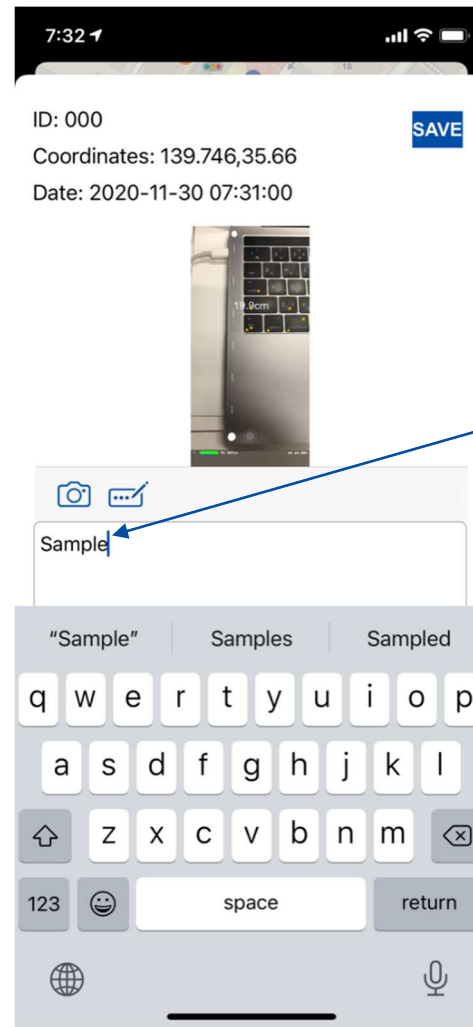
4. Tap ●Button to take a screenshot and finish AR Measurement.



Measured Value

4. Tap to take a screenshot

6. Take Note w/ AR Measurement



➤ Take Note

1. Tap **Text Field**.
2. Take some notes.

Keyboard will show up automatically. You can also use voice record.

➤ Save Note

1. Tap **SAVE Button**.

- 3 types of output files are created for each tracking.
 - GeoJSON File & KML File
 - Each tracking record with notes are saved in one GeoJSON File and one KML File.
 - Tracking is saved as Polyline.
 - Notes are saved as Point.
 - JPG Files
 - All photos which are taken during the tracking are saved.

- Naming Rule
 - All file names are following the rule below;
 - GeoJSON: yyyyymmddhhmmss-report.json
 - KML: yyyyymmddhhmmss-report.kml
 - JPG: yyyyymmddhhmmss-*nnn*.jpg

- File Sharing
 - You can share all files above over email and SNS when you tap **Stop Button**.

8. About FIELDNAUT



FIELDNAUT is a geolocation recording App for field survey, trip and lifestyle. Its name was after astronaut (person who explore in space). You who use **FIELDNAUT** must be ex explorer on the Earth!

FIELDNAUT plots your location on a map by GPS, Camera and text functions of your iOS device. You can compare survey results and a map in real-time. **FIELDNAUT** makes your survey improved drastically.

FIELDNAUT will be useful not only for field survey but also, marketing, daily activities such as jogging, walking, skiing, climbing, etc.

This free version has simple functions, but **Japan Space Systems** will be able to provide customized version for any projects or purposes. For more information, please contact fieldnaut@jspacesystems.or.jp.

Japan Space Systems is an organization for developing Japanese space industry by space system developments, satellite operations, remote sensing data analysis and international cooperation.