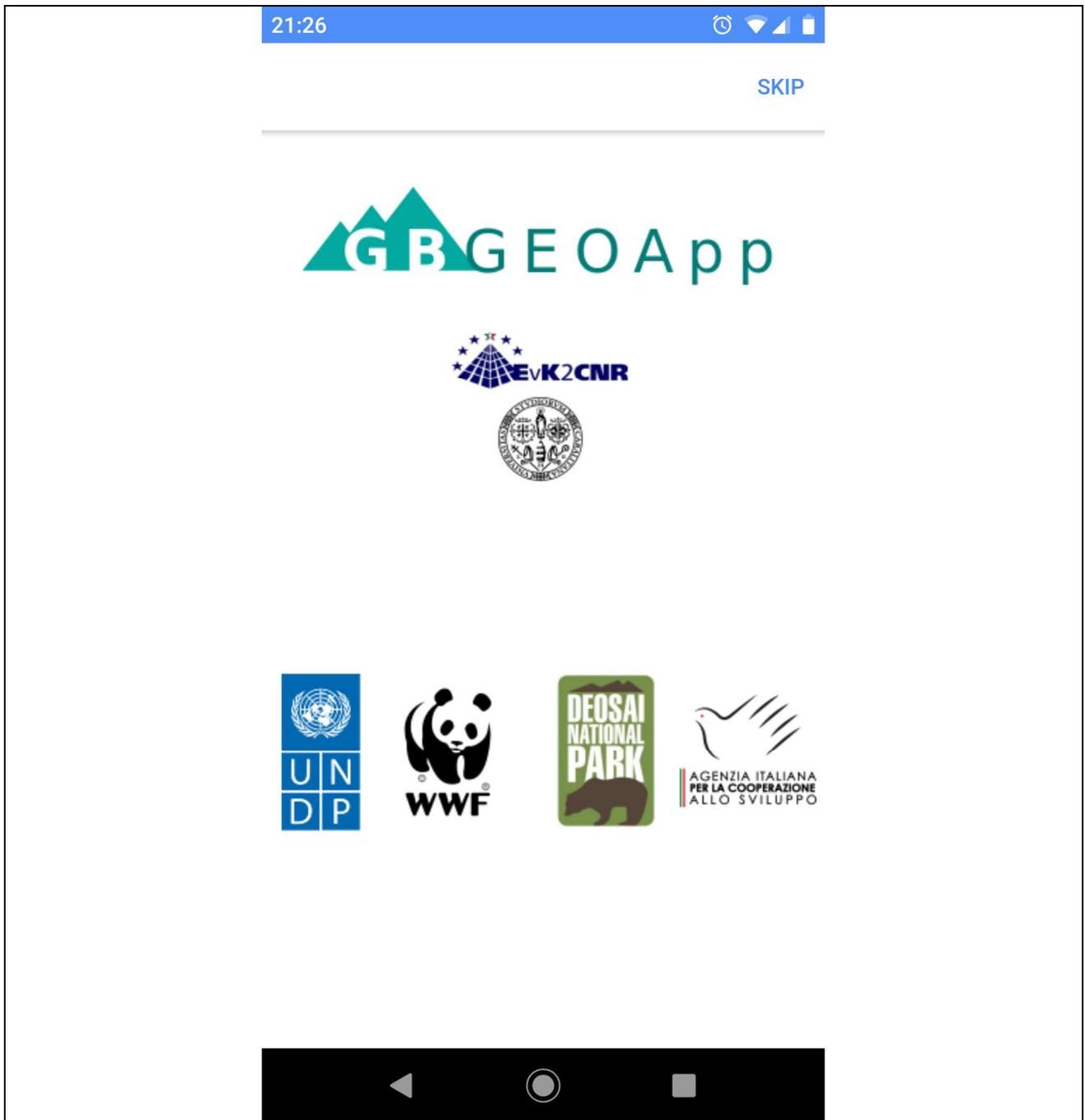
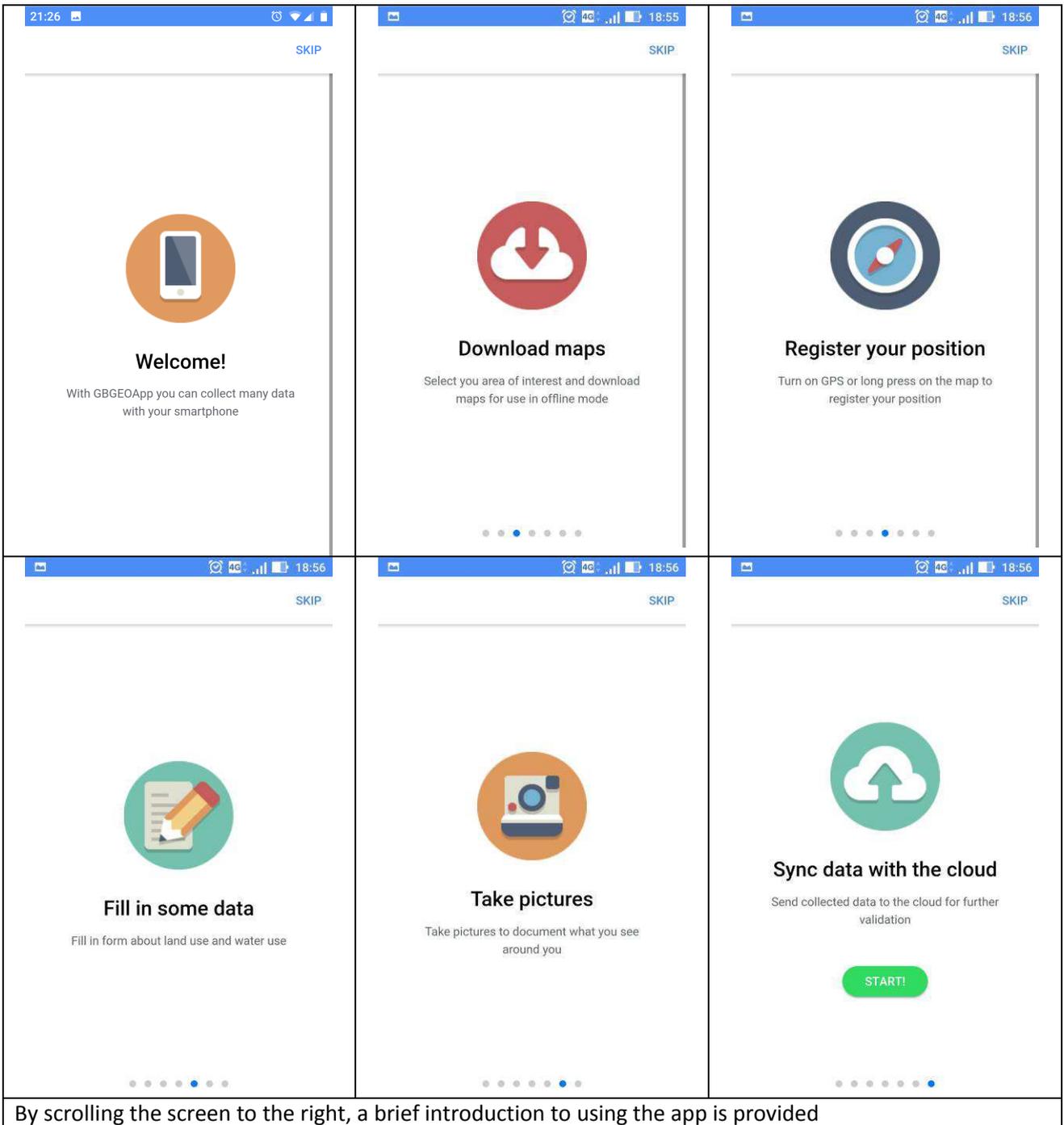


GBGEO APP USER MANUAL



When the app starts, a splash screen is shown with the name of the app and the logo of all partners



☰ Login

Username

Password

LOGIN

CHANGE PWD RESET PWD

 LOGIN WITH FACEBOOK

or

SIGN UP

CONTINUE AS GUEST

The app works both in ONLINE mode and in OFFLINE mode. In OFFLINE mode the user can collect data as GUEST, ie without authentication; however for sending data to the server the user will have to authenticate itself.

Authentication (available only when the device is in ONLINE mode) can be performed either on the app (LOGIN button) or via Facebook (LOGIN WITH FACEBOOK button)

To register on GBGeoAPP, click on the SIGN UP button.

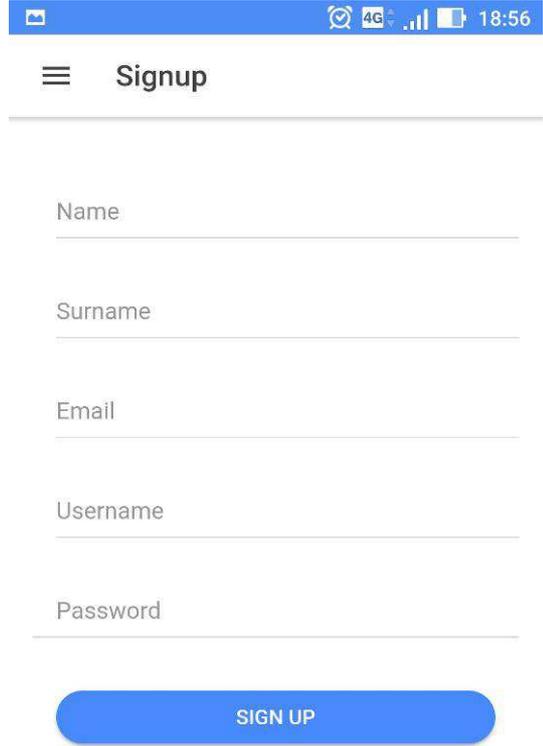
Users registered on GBGeoAPP, can:

- Change password (CHANGE PWD button)
- Reset password (RESET PWD button)

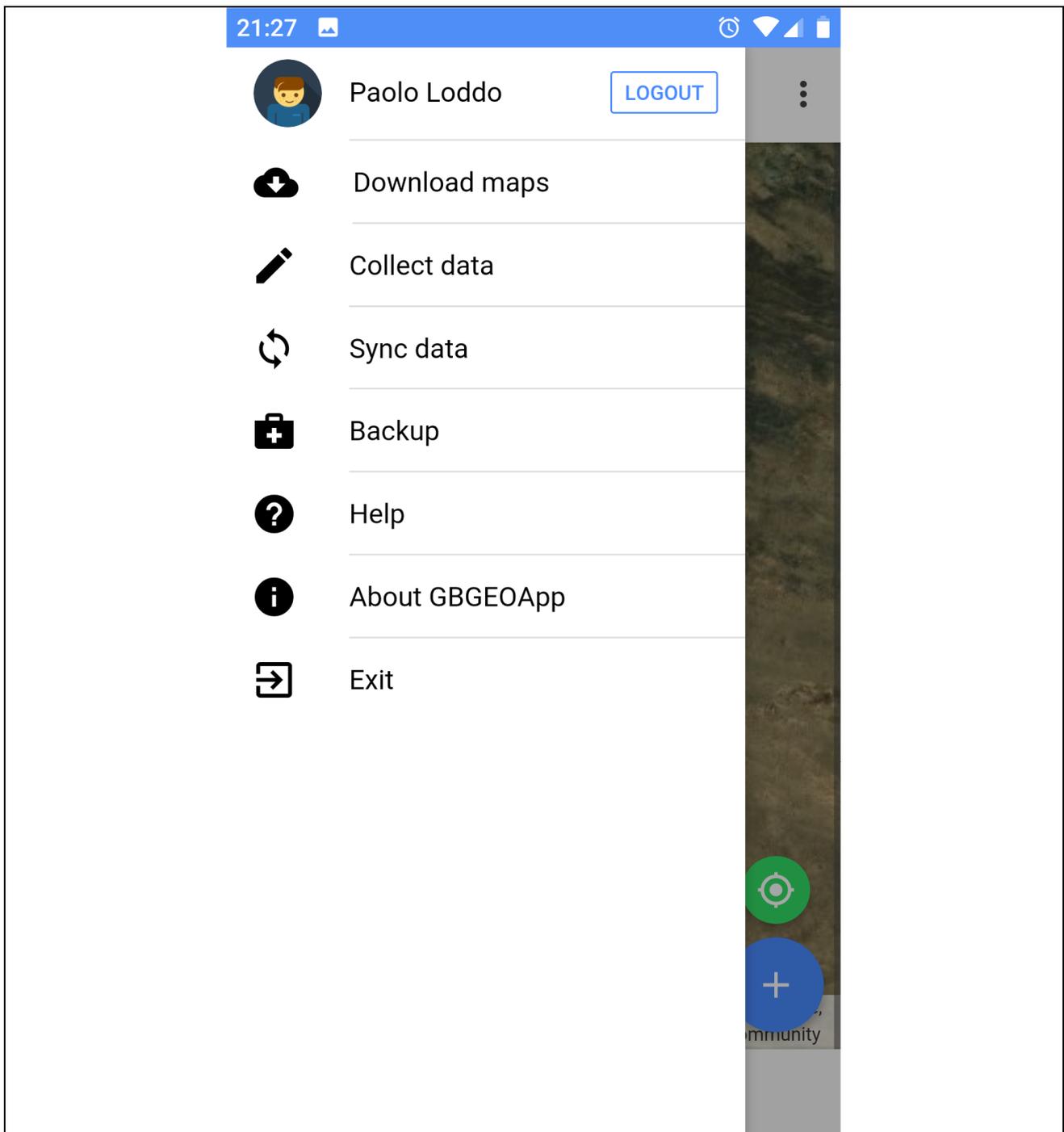
If the user reset the password, a new password will be generated and sent to the user's e-mail



Authentication / Registration via Facebook



Registration on GBGeoAPP



The main menu is always visible at the top left on the app screens. The features accessible from the menu are:

- Download maps for offline use
- Access to data collection section
- Access to the section for sending data to the server for synchronization
- Local database backup
- Access to the introductory guide
- Access to the page with information about the project and partners
- Button to close the app (available only for Android)

21:27



☰ Download maps

Deosai National Park Landcover o... up to date

General section overlay

DOWNLOAD

Fauna overlay

DOWNLOAD

Flora overlay

DOWNLOAD

Nomad overlay

DOWNLOAD

Livestock overlay

Download maps for offline use

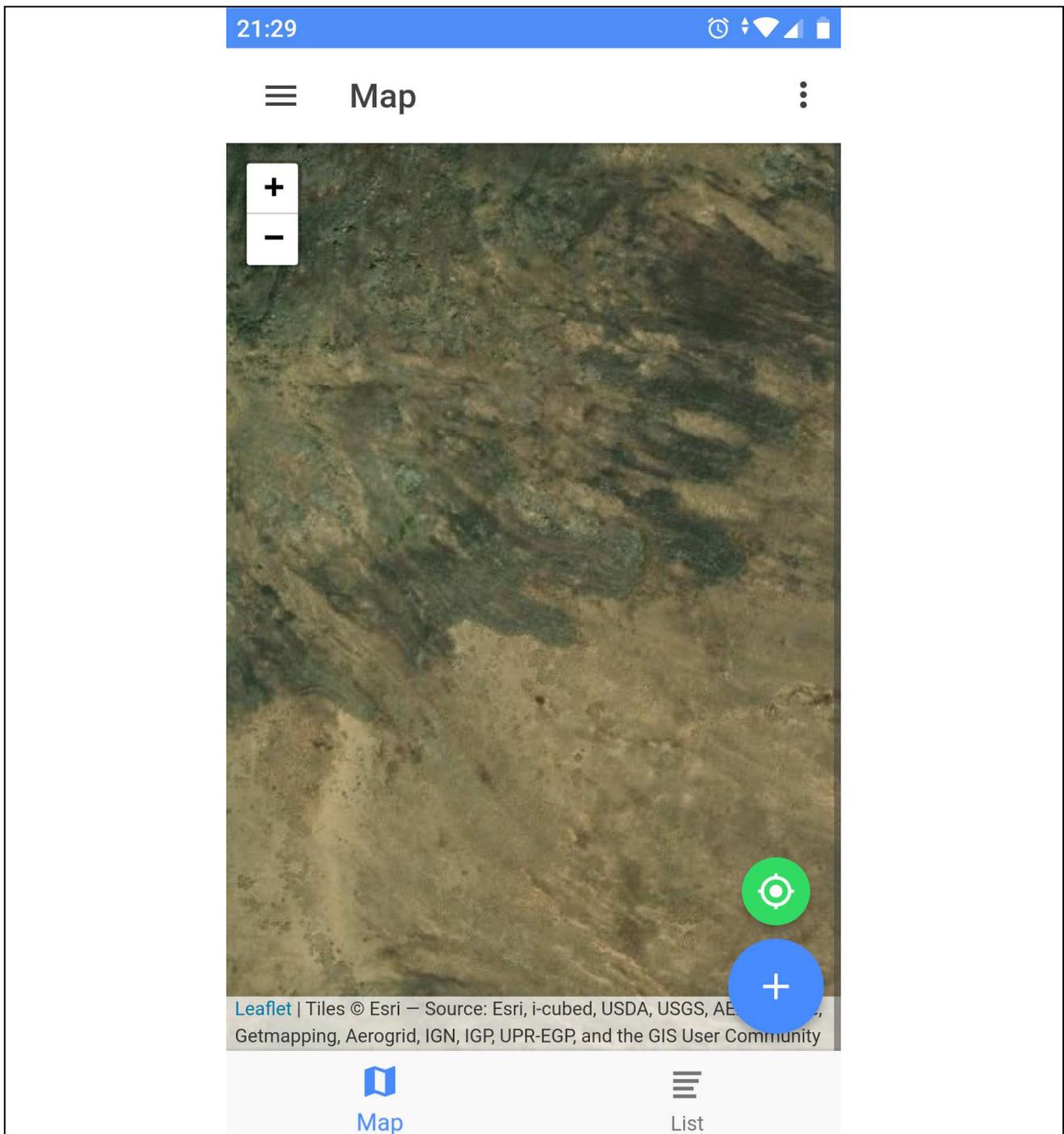
The available maps are:

- tiled land cover layer (images) related to the study area Deosai National Park

For this layer you can select the maximum zoom level you want and view an estimate of the space occupation on the device.

The other available maps are:

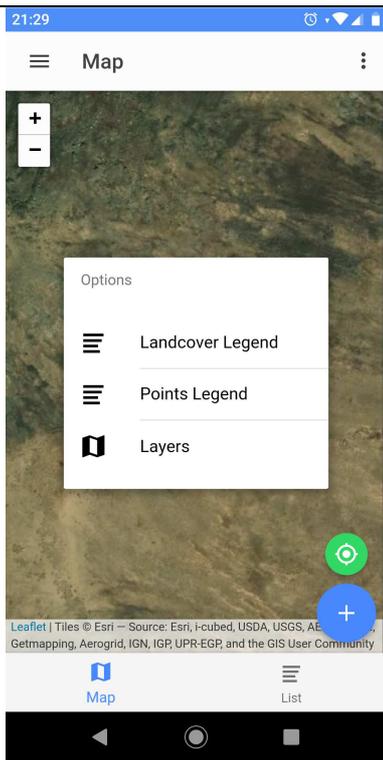
- "Fauna" data already collected by other users
- "Flora" data already collected by other users
- "Nomad" data already collected by other users
- "Livestock" data already collected by other users
- "Landcover" data already collected by other users
- "Critical point" data already collected by other users



In data collection section, user can collect data, grabbing the observation point on a map and filling some information on forms.

Map features

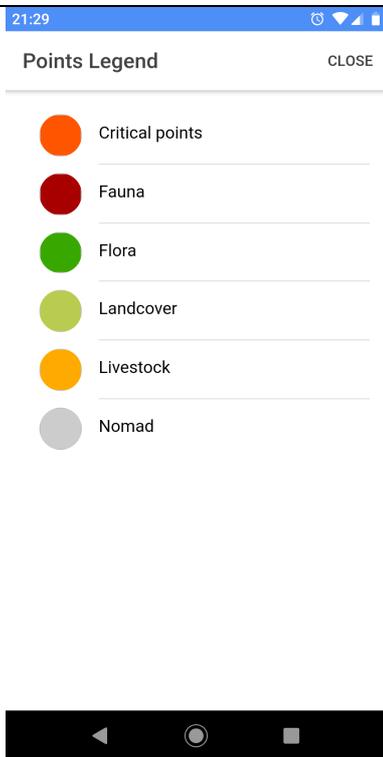
- Green button for positioning with GPS
- Blue button for positioning with GPS and adding a new observation point
- New observation point has been added with a long click on the map
- Zoom in and out using the selector at the top left
- Access to the context menu at the top right for layers selection and map legend



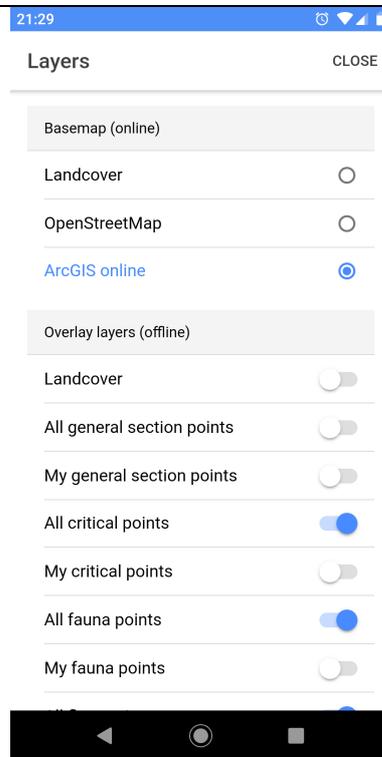
Context menu



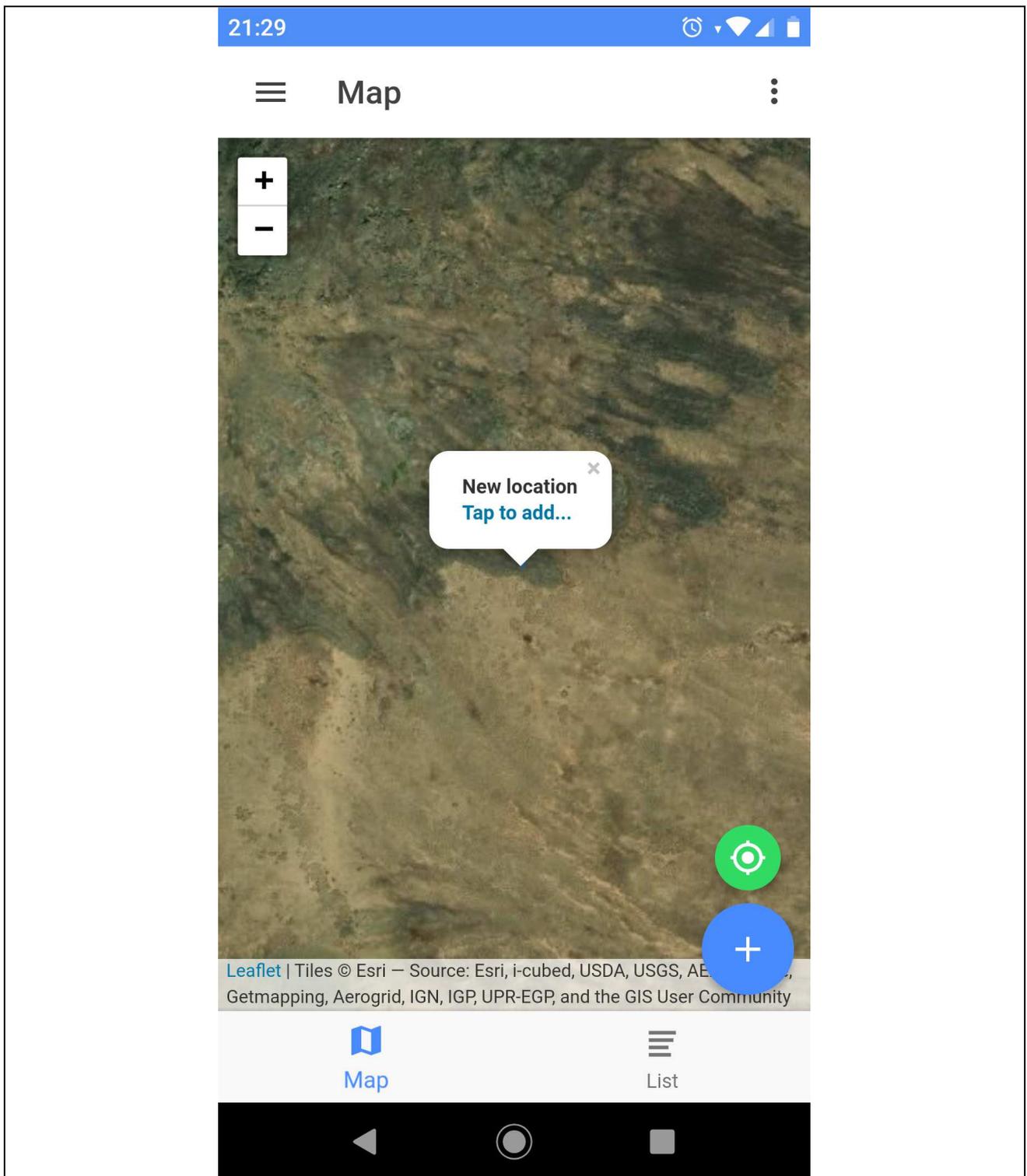
Land cover legend



Point legend



Layer list



Insert a new observation point

1. Click on the blue button to position the map on the GPS coordinates or hold down a point on the map for a long time
2. Click on the balloon to proceed with entering data on the chosen observation point

21:30



← Edit location

Date of survey

Locality

Longitude

75.45000314712526

Latitude

34.99983078439842



Notes



Location form allow to insert localization data. After saving, you can fill data about different themes.

21:30



← Sections

-  **Fauna** 0 items
Info about fauna
-  **Flora** 0 items
Info about flora
-  **Nomad** 0 items
Info about nomad
-  **Livestock** 0 items
Info about livestock
-  **Landcover** 0 items
Info about landcover
-  **Critical points** 0 items
Info about critical points



You can access different cards: Fauna, Flora, Nomad, Livestock, Landcover, Critical point. Every card has a list view, and an edit form to fill data. You can also take a photo for each observation.

21:30

← Edit fauna point

Species

Number of individuals

0

Males

0

Females

0

Yearlings/Kids/ND

0

Trophy size

0

Color

Fur



21:31

← Edit flora point

Common name

Scientific name

Status

Flower

Healt status

Use as



Notes



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← Edit nomad

Family name

Entry point

Number of people

Number of animals



Notes



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← Edit livestock

Farmer name

Place of summer

Entry point

Caste

Mule/Horse

Goat/Sheep

Dog

Donkey



21:31

← Edit landcover point

Landcover code

Landcover Coverage (%)

0

Landuse



Notes



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← Edit critical point

Priority



Notes



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☰ Sync data

General sections

SYNC

1 out of sync

Flora

SYNC

up to date

Fauna

SYNC

up to date

Nomad

SYNC

up to date

Livestock

SYNC

up to date

Landcover

SYNC

up to date

Critical point

SYNC

up to date

SYNC ALL

After collecting data, you have to send to the server for synchronization; this can be done partially in correspondence with the single data type