**topoXplore** is a powerful GIS software to bring your geospatial data to the field and collect new ones using a GNSS receiver or other instruments. The software works on Windows desktop and Mobile platforms.

After installation **launch** the software from Today screen, Desktop screen or from Start menu.

The **Startup Screen** allows you to create new project ①, to measure points ②, lines ③, polygons ④, to open existing projects ⑤ or use template projects to copy its content and create a new one ⑥:

Creating a **New Project**: you can enter the name of the project ①, select the project folder ②, choose the preferred file format ③, select the projection system ④, use existing Code dictionary ⑤:

You can select ③ various **Projection Systems** by regions ② and countries ③, you can search systems ④ and create new one ⑤ or modify existing ones ⑥.

The **GNSS Status panel** can be opened by the icon. From this panel you can open the **GNSS Setup panel**, where the projection system ①, the geoid model ②, the quality settings ③, the Communication port and baud rate ④, or you can direct the software to find the receiver ⑤ automatically.

The ⑥ or ③ icons open the **GNSS Survey panel**. The software offers to create a new layer or select and existing one to collect the GNSS data into it. You can start/stop ① or pause the collection ②, select the layer for collection ③, set the averaging mode ④.
The icon creates a new layer, the icon adds an existing layer to the map. The Layer Manager panel provides various tools to setup the layers' visibility, information query, lock and edit, layer setting, classification, and labeling.

The tool is able to connect Online geospatial data sources. The software displays the selected source as a background map. WMS, WMTS, TMS are supported.

The software provides numerous Tools to navigate on the map, to query information, to measure distances and areas, to draw new geospatial features and modify existing ones:

- Zoom to all
- Zoom by window
- Pan the map
- Information on features
- Search tool
- Measure
- Navigate and stakeout
- Draw points, lines, polygons
- Move, rotate, scale features
- Delete feature
- Vertex editing
- Splitting polygons
- Creating Buffers
- CoGo tools
- Select features
- Range finders

The record, the attributes of one feature can be displayed and edited in three different formats (form, record, treeview). You can edit the attributes, add new data field, zoom to the feature, navigate to it, or resurvey it. The menu provides various tools to manage the attribute data.

The tool adds a new data fields in order to collect additional characteristic of the geospatial features. You can define the name, the default value of the field, the type, width and decimal places, the verification rule, and define the code dictionary, where the [+] adds a new code and name.