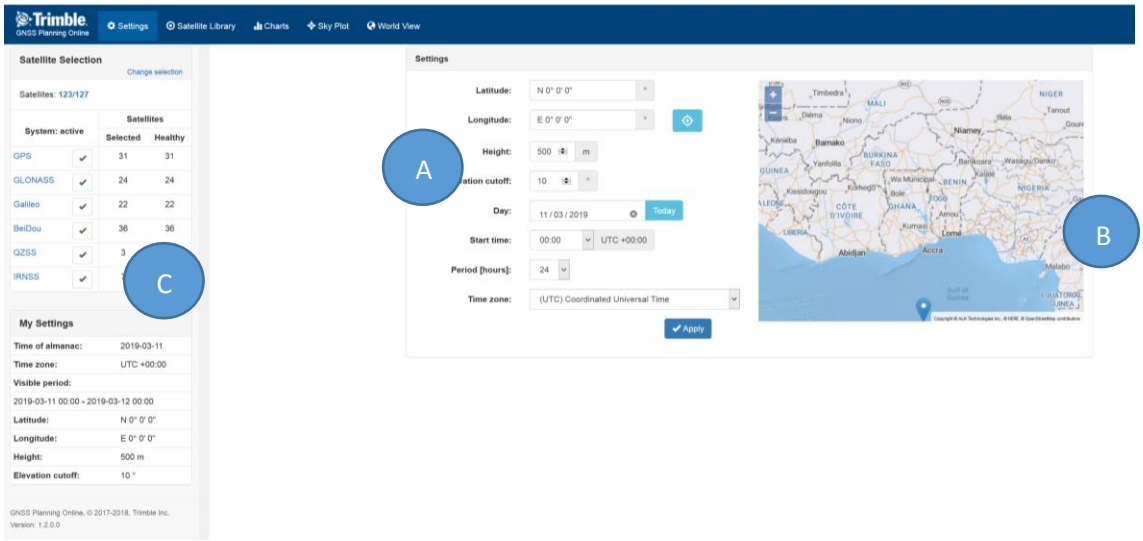
TUTORAIL PLANNING

https://www.gnssplanning.com/#/settings



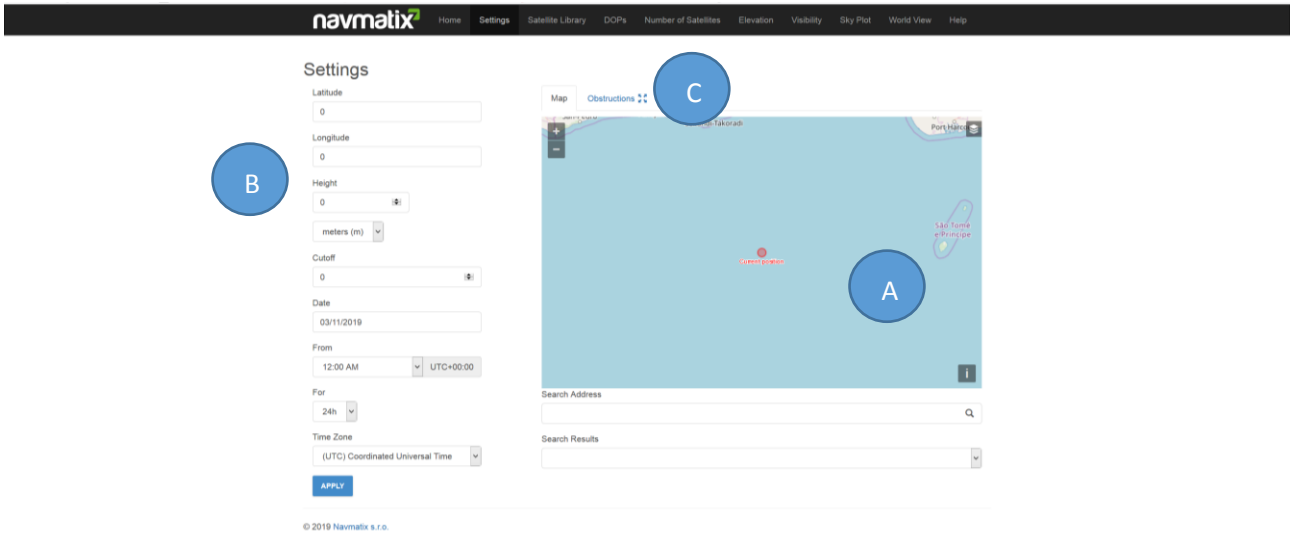
1) Select in the map, the position of the site (box B) or insert the latitude and longitude in the box A. Define the height (altitude of the site above the sea level)
2) Define the Elevation mask (called elevation cutoff)
3) Select the day and the starting time. Select the period (duration).
4) Define the time zone, as UTC time.
5) Click on “APPLY”.

In the box C, select the constellation which can be used for the planning. If you want to have a more accurate selection, you have to select the TAB “SATELLITE LIBRARY” and on this section it is possible to select, for each constellation, satellite by satellite, the configuration.

After that, click on APPLY.

Select CHARTS and SKYPLOT for viewing the results.

http://gnssmissionplanning.com/App/Settings



1) Dragging the “red dot” called “current position in A, selecting your site. It is possible to define latitude longitude and height on the part B.
2) Select the day and the starting time. Select the period (duration). (part B)
3) Define the time zone, as UTC time.
4) Click on “APPLY”.

On the top, there are different “TAB” where is possible to change the setting, to change the satellite configuration and to open the different plots (DOP, Skyplot, elevation plot, etc).

If you want to include a obstruction, you have to select the tab “obstruction” (C).

Obstructions such as buildings can be added by using the Add new object tab below viewports.

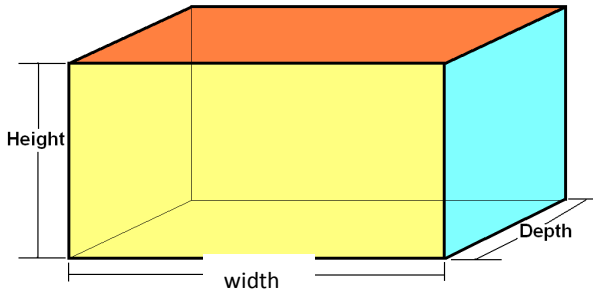
In the tab, you can select:

- colour
- Identifier (to distinguish between different objects)
- Position

  Azimuth (angle with respect the North direction), distance (in meters) between object and site and ground offset, which is the distance (in meters) between the object and the terrain

- Size

  Height, width and depth



After adding the obstruction, you can edit it in lower viewpoint by clicking on it. Depending on selected mode, you can either move, rotate or scale the obstruction. You can select the mode using buttons at the bottom of lower viewpoint.

- T = move
- R = rotate
- S = scale
- W/L = switch between world or local coordinates
- Camera button is used to switch between top and side views

Upper viewpoint allows you to look around in 3D, to better see the obstructions. Objects tab lists all obstructions currently in use and gives you the ability to delete the obstruction.

After you are done placing the obstructions, you can simply click the Apply button on the left side of the page. This will save the obstructions and other settings, such as your position. Your new obstructions should be applied and you can continue to the other pages.