



TUTORIAL WEB MAPS

## Web Maps



#### **DESCRIPTION**

 Web Map is used to display survey over a web map or a WMS Server, WMS can be defined entering the URL, user and password

#### **GOAL**

- How to visualize and select web map
- How to create surfaces and raster images from web map

#### **DATA**

Survey GPS-TPS.gfdoff



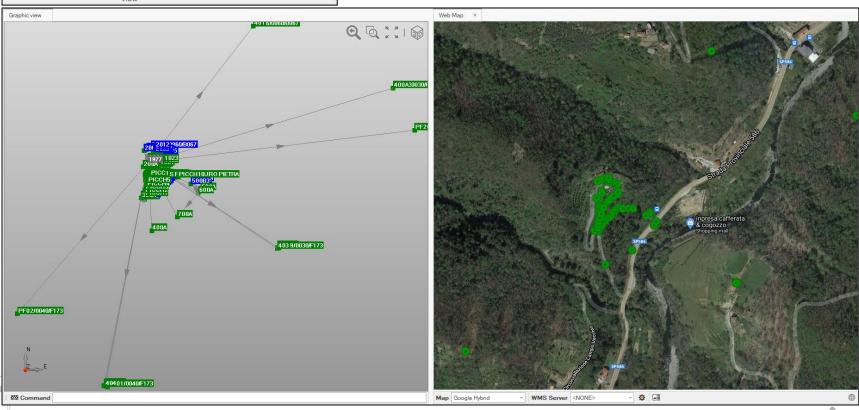


### **WEB MAPS**





 Select Web Map from the View menu to open the second view





### **WEB MAPS**





From Map menu It is possible to select different online maps, select or connect to WMS server maps

Online		WMS	
Мар	Google Hybrid 💌	WMS Server	<none> - 🌣</none>
	<none></none>	Г	<none></none>
	Google Map		Cartografia Catastale - Agenzia delle entrate
	Google Satellite		Regione Friuli Venezia Giulia
	Google Terrain		Regione Sardegna
	Google Hybrid		Regione Abruzzo
	Open Street 4U		Regione Piemonte
	Open Street Map  ▼		Regione Emilia Romagna
	Google Hybrid V		<none></none>

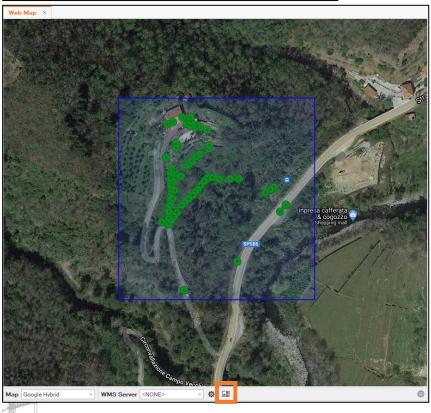




### **WEB MAPS**







After selecting Download raster and 3D surface,

It is possible to define an area with:

- Press SHIFT + Selecting area
- ALT + Selecting area









## How create a raster from web map



Create raster and surface from map  Enter parameters for raster map and surface generation.				
Create raster map Raster map name: Zoom level:	On ● Raster Map  22 ♣			
Create surface	• Off			
Surface name:				
Grid step: E:	20.000m			
Grid step: N:	20.000m			
Estimated points:	81			
Apply raster to surface	Off Off			

Create raster and surface from map Create raster map and surface in progress				
Generating raster map				

- It is possible to export the image as background raster
- Raster is added to the project manager and can be exported in XPAD Field







## How create a surface from web map



Create raster and surface from map  Enter parameters for raster map and surface generation.				
Create raster map Raster map name: Zoom level:	Raster Map			
Create surface	On •			
Surface name:	3D Surface			
Grid step: E:	15.000m			
Grid step: N:	15.000m			
Estimated points:	156			
Apply raster to surface	On •			

Create raster and surface from map Create raster map and surface in progress	
Applying raster map to surface	

- It is possible to create a surface using the web map elevation model
- Surface is added in the project manager and managed using the surface functions



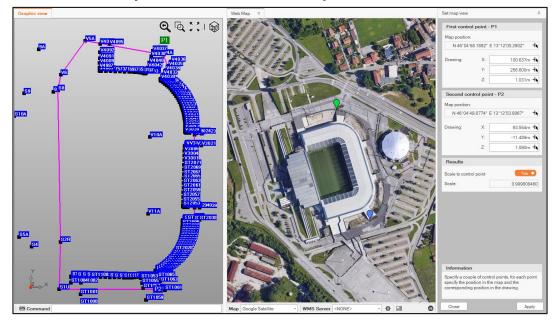






## How use web map without GPS measures

- It is possible to use web map also if GNSS coordinates are not available (TPS survey, CAD, etc...)
- Selecting web map, the Set map view tool is started
- Select two control points in the map and view to define the system









# How use web map without GPS measures

