

***Which types of geoid models can be used in coordinate systems to convert vertical information between orthometric and ellipsoid heights?***

**Answer:**

There are different types of geoid models in SKI-Pro and System 500. Lets find out about this.

Two types of geoid models can be used in both SKI-Pro and System 500 namely: WGS84 geoid models or local (non-WGS84) geoid models.

WGS84 geoid models are defined by assigning the WGS84 ellipsoid to geoid models whereas local geoid models are defined by assigning a local (non-WGS84) ellipsoid (GRS80, Clarke 1866, ATS77, etc...) to geoid models.

WGS84 geoid models can be used in **any** coordinate systems containing **any** local ellipsoid whereas local geoid models can **only** be used in coordinate systems having the **same** ellipsoid as the reference ellipsoid defining the local geoid models.