

Evolution of the National Spatial Reference System – NAD 83(2011) and GEOID 12

In July of 2012, the National Geodetic Survey released the latest realization of NAD 83 and a new companion geoid model. This presentation will discuss a brief history of NAD 83, and reasons for its ongoing evolution. We will discuss the data used to produce the National Adjustment of 2011 (NA2011), and the concept (and need) to introduce velocities. Also discussed will be the relationships of geoid models to various versions of NAD 83 and what can happen if these relationships are ignored.