



**The North American plate (NAP) and other plates in the Central American region display circumferential motion about the location of the ~65 Ma Chicxulub impact.**

**Map shows major plate boundaries, sea-floor shear-zones lineaments and select magnetic isochrons in the west-central Atlantic Ocean, NASA GPS horizontal plate-motion vectors, USGS NEIC and other historical seismicity records for events  $\geq$  magnitude 2.0 (see F5) for the North and Central America regions, and North American plate actual rotation poles from the NUVEL-1A and APKIM2000 models**

