

# PROJECTED COORDINATE SYSTEM COMPONENTS

- ▶ **A Geographic Coordinate System**

- ▶ Datum, with origin and units

- ▶ **A projection**

- ▶ Developable Surface (such as cylindrical, conical, others

- ▶ **An origin**

- ▶  $(x,y) = (0,0)$

- ▶ **Units**

- ▶ Distance: meters, feet

## WHY ARE PROJECTIONS IMPORTANT?

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