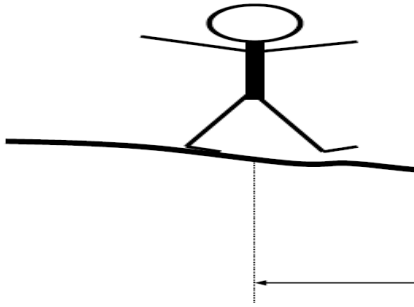**Wide Area Situation Awareness:**

Measurements give us current system states:

However for true situation awareness we need to know;

- **Where the edge is**
- **How close to the edge we can safely (reliably) operate considering next contingency**
- **Use of Phasor Angles as Stress Indicator need to provide limits (incorporating Reactive Issues)**

Data Issues - P or M? Considering sparsity of measurements how to detect bad data? How can we develop robust applications that can tolerate loss of some data?

Model Derivation - Monitoring will easily invalidate models. Deriving appropriate models is more challenging, and not well addressed