AI Opportunities Across Scales
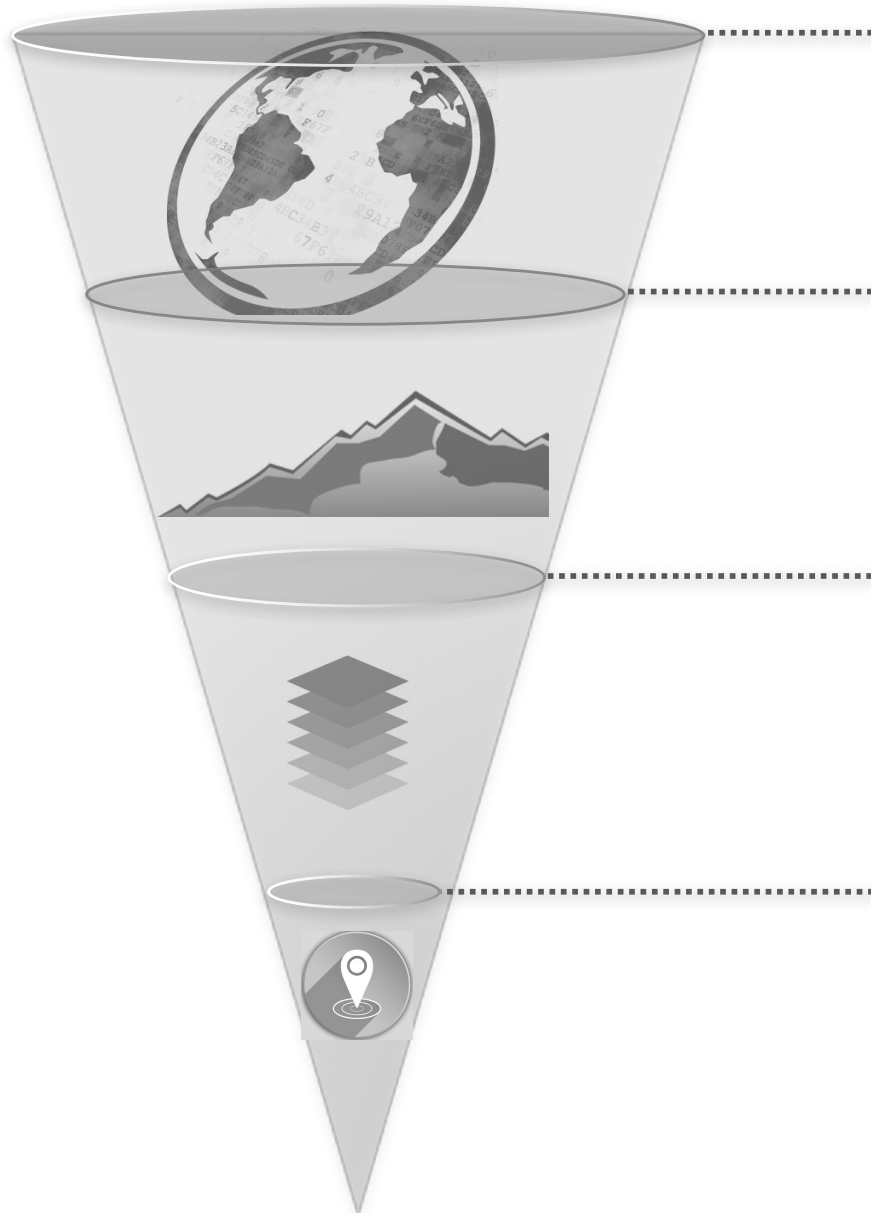

Interactive Workspaces

- Interactive model building
- Synthesis studies
- Specify high-level research questions

Theory-Guided Learning

- Large but minuscule datasets
- Extreme events
- Multiple scales

Trusted Threads

- Many locations & data types
- Georeferenced & curated data
- Interlinked information

Model-Driven Sensing

- Selective data collection
- Inaccessible locations
- Optimize experimental design