

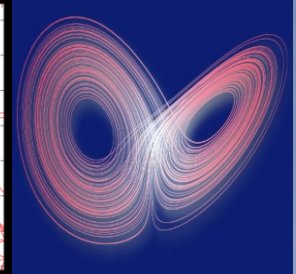
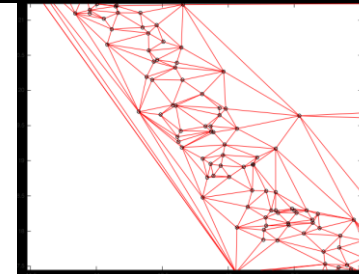
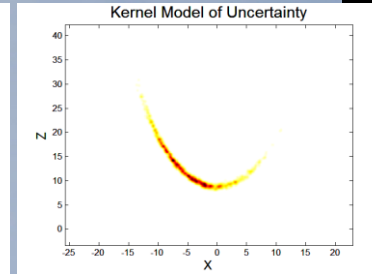
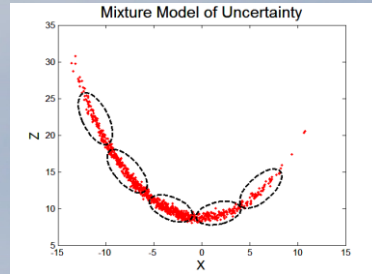
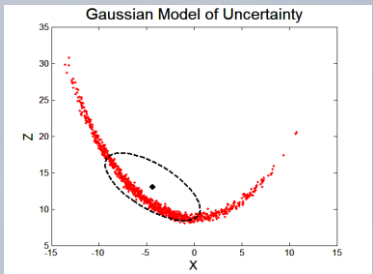
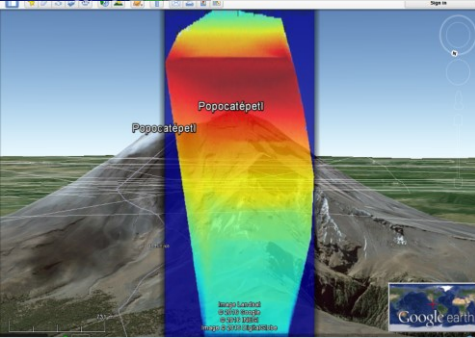
[illegible]

2014  
**DyDESS Conference @ MIT**  
Dynamic Data-driven Environmental Systems Science



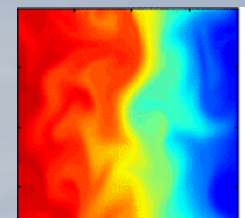


# Cooperative Autonomous Observation of Hazardous, Rare Events

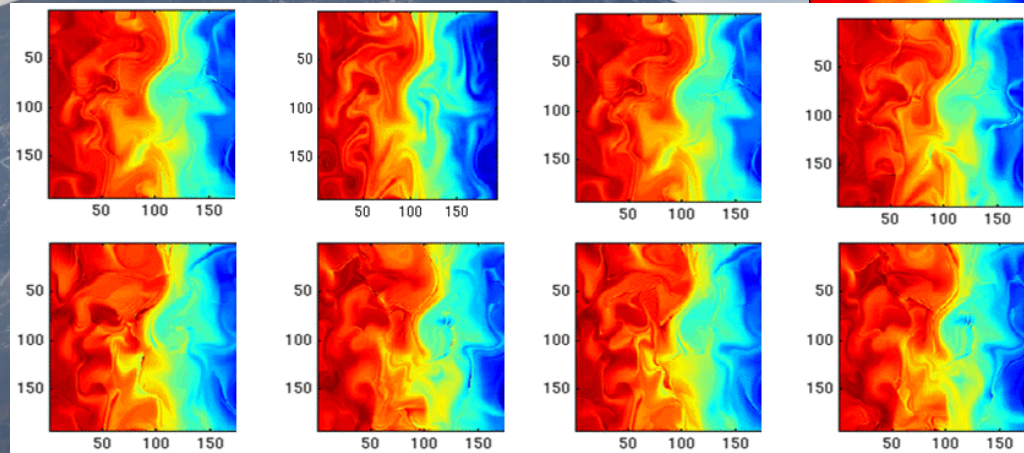
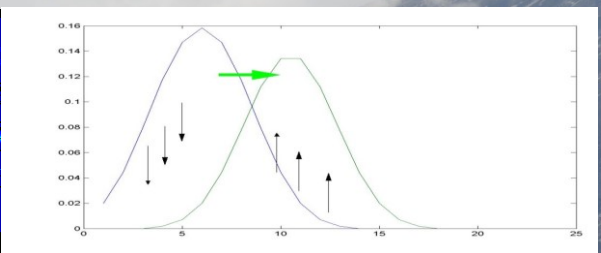
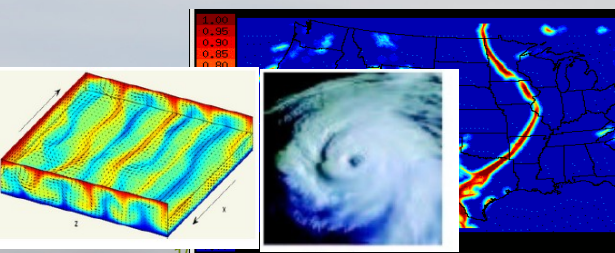


## Learning in Nonlinearity, Dimensionality and Uncertainty in Geophysical Inference

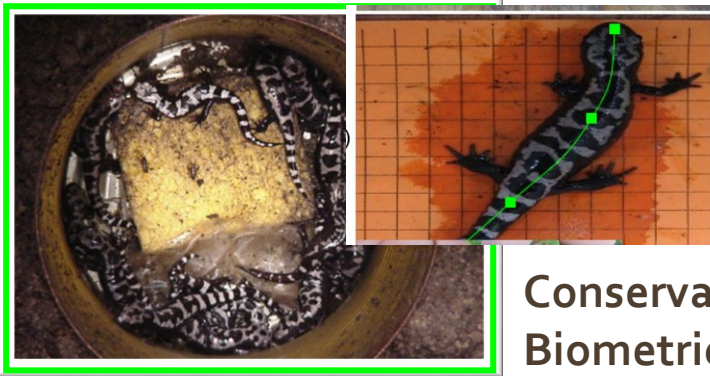
## Learning Missing Physics, Structural Uncertainties and Parameterization



## Pattern Theory in Models of Turbulence

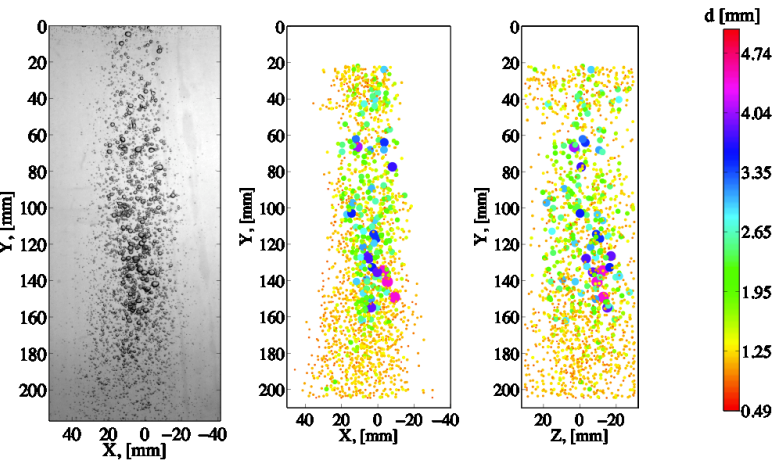
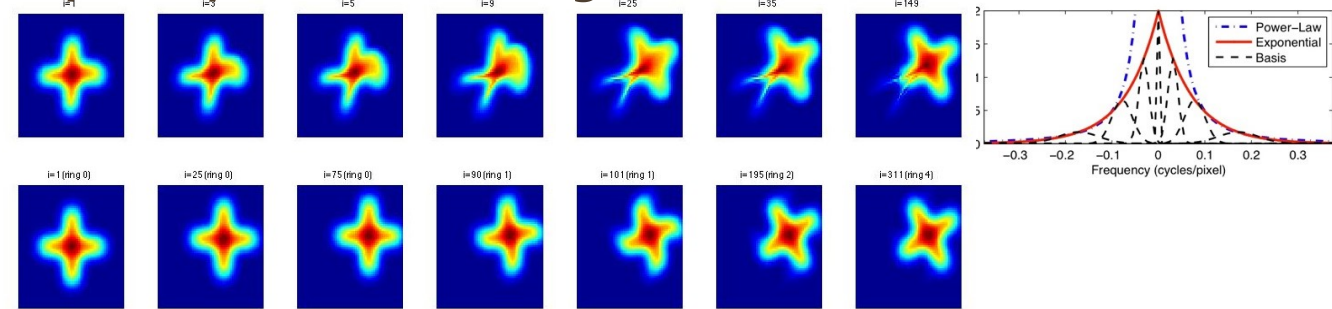






# Conservation Biometrics

# Physically-based Learning



# Fluid Imaging with a little Object Recognition

# Courses

## Quantifying Uncertainty

## Machine Learning Foundations for Natural Systems

# Climate Risk, Natural Hazards, Extreme Events and Decisions with Uncertain Properties

