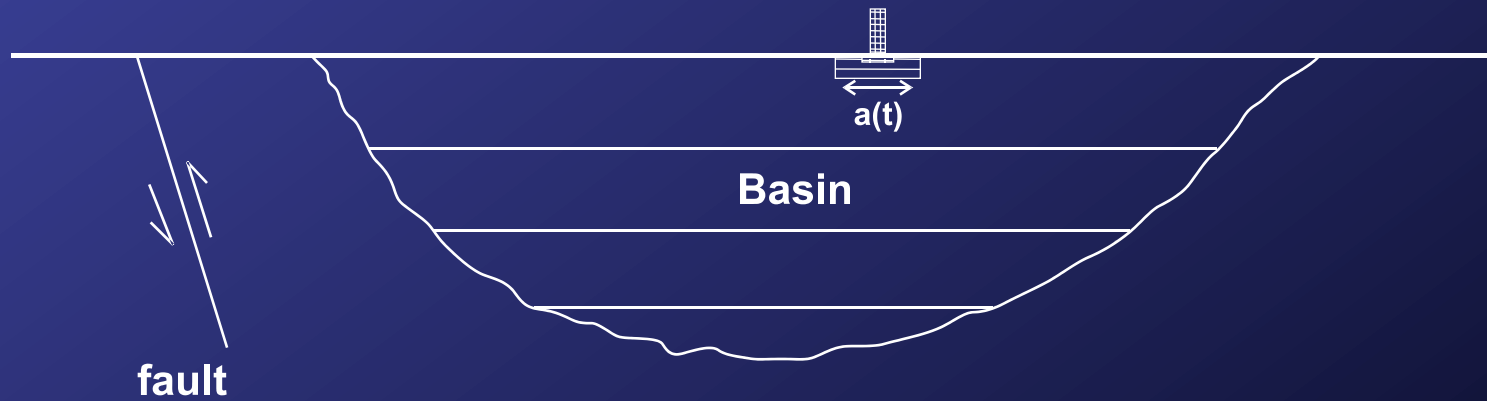


# **SCEC SSI Workshop, January 29, 2015**

## **Discussion Session Topics**

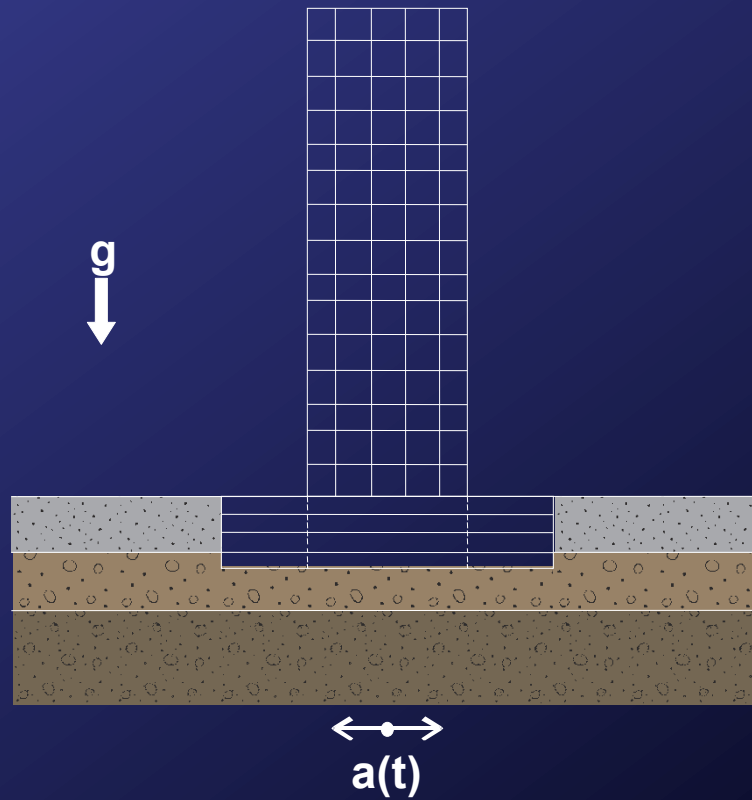
- **Research Needs**
  - Short term (1-5 years)
  - Long term (> 5 years)
- **Software development /enhancements**
  - User friendly
  - Minimal post processing
  - Commercially viable

## Future 3-D Rupture to Rafters Model

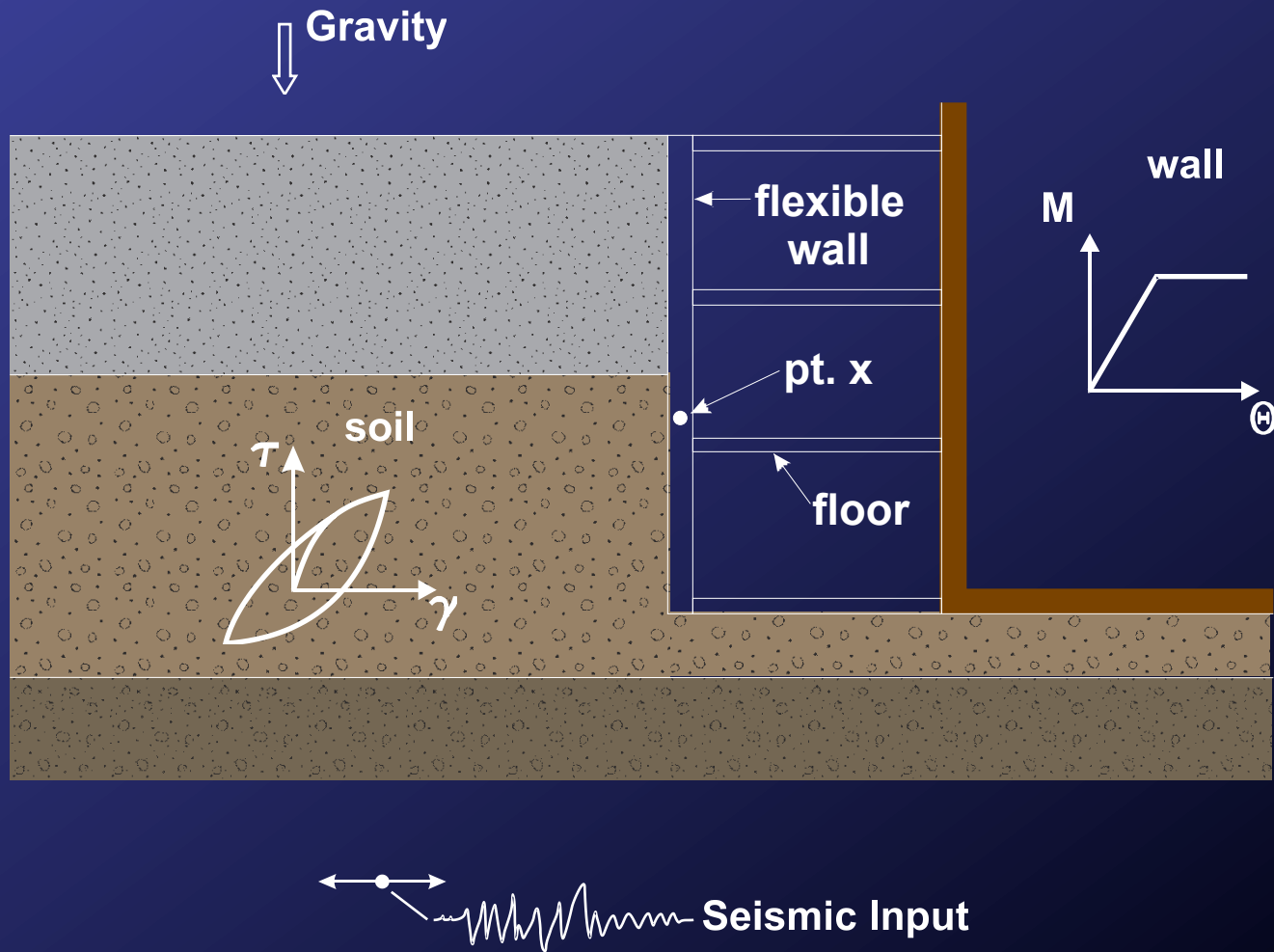


- model calibration
- strong motion data

## Future – 3D Nonlinear SSI



# Basement Wall – Soil Interaction



# Modeling Regional Effects on Long Period Motions

