Lithosphere Flexure and Surface Processes

- Coastal
  - Sedimentary Basin Filling: SEDFLUX
  - Ocean loading of continental margins via sea level change
- Terrestrial
  - Long-wavelength features (>50 to 100 km)
  - Tectonic loading (e.g., a thrust sheet)
  - Glacial loading (e.g., coupling of gc2D with other models)
  - Erosional unloading

Andy Wickert

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- Specific Numerical Solutions
  - Basic 2-dimensional uniform infinite plate with vertical loading (shown next slide)
  - Broken plate (to simulate fault zones), including end loads if necessary

Andy Wickert