February 2010 Chilean Earthquake—Preliminary Observations from the SEI/ASCE Chilean Earthquake Assessment Team

The 27 February 2010 Central South Chile Earthquake: Implications for U.S. Building Codes and Standards

John Hooper, Team Leader
Support for the Team Provided by:

- SEI Board of Governors
- The Executive Committee of the ASCE Board of Direction
- Roberto Leon, President of SEI of ASCE
- Jim Rossberg, Former Director of SEI of ASCE
Purpose of the SEI/ASCE Team

- Determine if changes to the codes, standards or practice in the United States is warranted
  - ASCE 41, *Seismic Rehabilitation of Existing Buildings*
- Prepare report documenting findings and recommendations
SEI/ASCE Chilean Earthquake Assessment Team

- Three General Building Teams
  - Ron Hamburger
  - Jim Harris
  - John Hooper

- Existing Building (ASCE 41) Team
  - Jon Heintz

- Industrial Structures Team
  - Greg Soules

- Low-Rise Wood and Masonry Structures
  - Dan Dolan
Santiago
Ciudad Empresarial
("Enterprise City")
Vina Del Mar
Toledo (1996)
Rio Petrohue
Torre Del Mar (1988)
Festival (1979)
Bahia (early 60’s)
Coral (1969)
Manuel Larrain Housing Cluster
Questions??