NCSL Legislative Summit
Building Resiliency – State Efforts to Prepare for Natural Disasters and Mitigate Risk
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• Founded in 1984 by a bipartisan Congressional caucus.

• Now an independent, bipartisan nonprofit with no Congressional funding.

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• We focus on win-win solutions to make the U.S. energy sector, buildings, and transportation sustainable for people, the planet, the economy.

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The Value of Building Codes

- Protect People and Property
- Insurance Benefits
- Government Savings
- Level playing field for builders
- Diffusion of cost-effective technology innovations
A 7" thick floor made from Cross Laminated Timber (CLT) - a new high-strength wood building product - has a calculated fire resistance of more than 2 hours!

Designed by Mary Horning, US Forest Service
Resources

Tap into available public and private sector RESOURCES for information and funding to meet or EXCEED model codes.

- FEMA (such as *FEMA 395: Incremental Seismic Rehabilitation of School Buildings*)
- NIST
- HUD
- EPA
- DOE
- NIBS
- IBHS
- ICC, ASHRAE, BCAP
- Passive House Institute U.S.
- DSIRE (Database of State Incentives for Renewable Energy & Efficiency)
- Innovative Programs – SC: Safe Home (gov’t grants) + MyStrongHome (insurance partner)
- Financing (on-bill – utilities, PACE, P3...)
NIST Resilient Communities Guide
Solutions & Strategies

• **Federal**
  - Fund research and incentives for mitigation
  - Align agency resources
  - Collaborate with states, private sector

• **States**
  - Adopt/adapt the latest model codes for new construction AND renovation
  - Ensure capacity for local jurisdictions to enforce codes
  - Planning – INTEGRATED/HOLISTIC/SYSTEMS APPROACH – FIND SYNERGIES (such as programs/policies to retrofit affordable housing for energy efficiency AND durability/safety like double/triple paned windows)
  - Collaborate with other states, federal and local officials, private sector
  - Facilitate public education and input
Essential

• Common Language
• Performance Goals & Metrics
• R&D, demonstration and diffusion of knowledge and technology
• Codes & Standards
• Investment
• People
THANK YOU!

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