2020 NEHRP PROVISIONS ISSUES
INTRODUCTION

S. K. Ghosh
S. K. Ghosh Associates Inc.
Palatine, IL and Aliso Viejo, CA
FEMA’s Charge to BSSC

BSSC is charged by FEMA to identify and recommend issues to be addressed and research needed to advance the state of the art of earthquake-resistant design and to serve as the basis for future refinement of the Provisions.
Development of 2015 Document

Various Issue Teams and Study Groups identified specific items that were beyond the scope of the 2015 *Provisions* update. These were assembled and edited by an Oversight Committee:

S. K. Ghosh (Chair)
John Gillengerten
Gyimah Kasali

Acknowledgment: David Bonneville, Phil Schneider, Mai Tong, Robert Hanson
ISSUES and RESEARCH NEEDS IDENTIFIED DURING DEVELOPMENT OF THE 2015 NEHRP RECOMMENDED SEISMIC PROVISIONS FOR NEW BUILDINGS AND OTHER STRUCTURES

Prepared by the Building Seismic Safety Council Provisions Update Committee

August 31, 2015
Companion Document

*Issues and Research Needs* is a companion document to and is complementary to:

Two Groups of Recommendations

- List of recommendations is presented in two groups: “Future Provisions Issues” and “Research Needs.”
Areas of Recommendation

- Design and Analysis
- Geotechnical/Ground Motion Considerations
- Concepts for Revision of Analysis Requirements in Chapter 12 of ASCE 7
- Concrete Structures
- Masonry Structures
- Steel Structures
- Wood Structures
- Nonbuilding Structures and Nonstructural Components
Today’s Program

• Design and Analysis S. K. Ghosh
• Geotechnical Considerations C. B. Crouse
• Concepts for Revision of Analysis Requirements in Chapter 12 of ASCE 7 S. K. Ghosh
• Concrete Structures Kelly Cobeen
• Masonry Structures Kelly Cobeen
• Steel Structures Jim Malley
• Wood Structures Kelly Cobeen
• Nonbuilding Structures John Gillengerten and Nonstructural Components Greg Soules