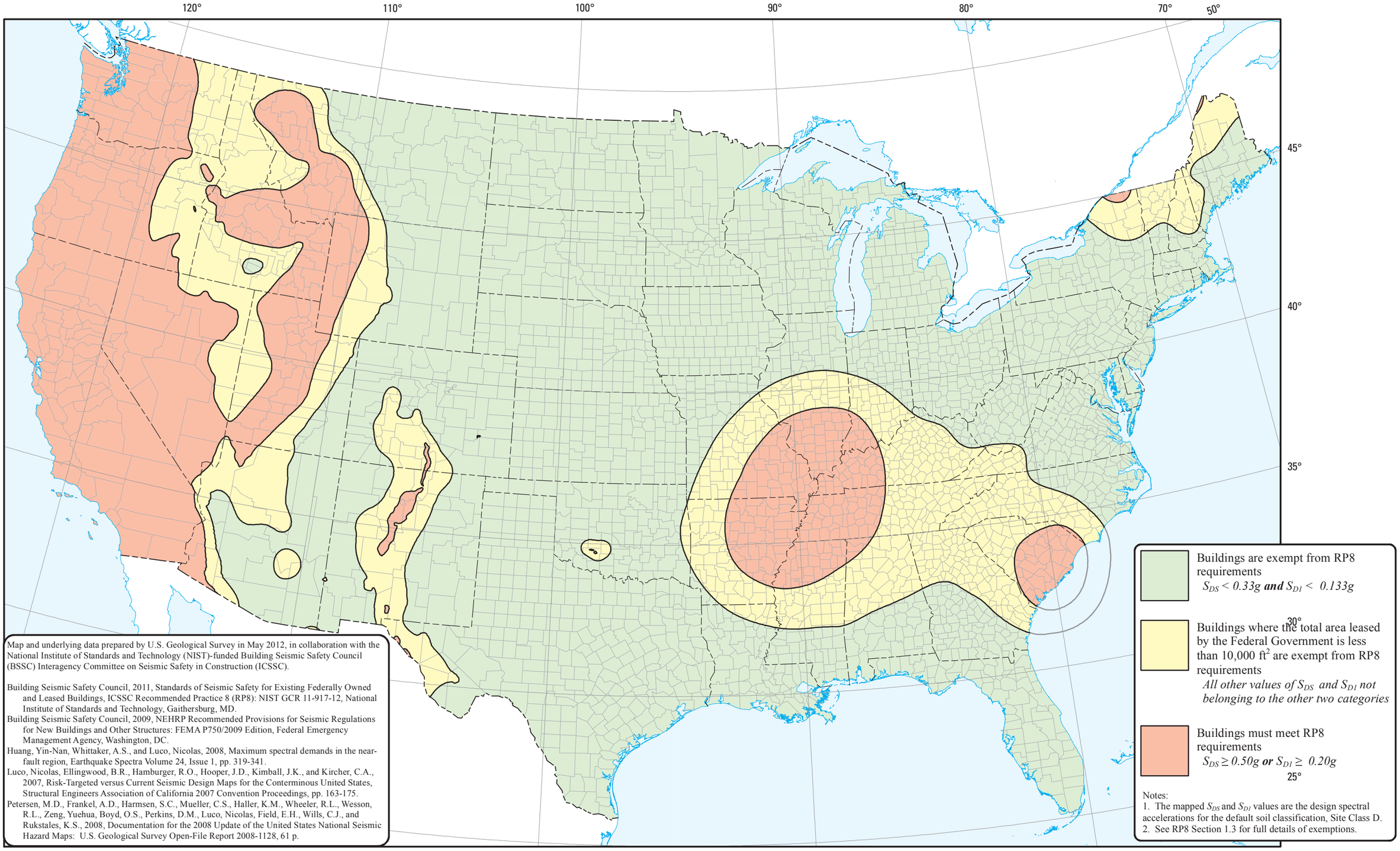
Seismic Leasing Requirements

Federally Leased Buildings Complying with RP8

Conterminous United States



Notes:
1. The mapped S_{DS} and S_{D1} values are the design spectral accelerations for the default soil classification, Site Class D.
2. See RP8 Section 1.3 for full details of exemptions.

Map and underlying data prepared by U.S. Geological Survey in May 2012, in collaboration with the National Institute of Standards and Technology (NIST)-funded Building Seismic Safety Council (BSSC) Interagency Committee on Seismic Safety in Construction (ICSSC).

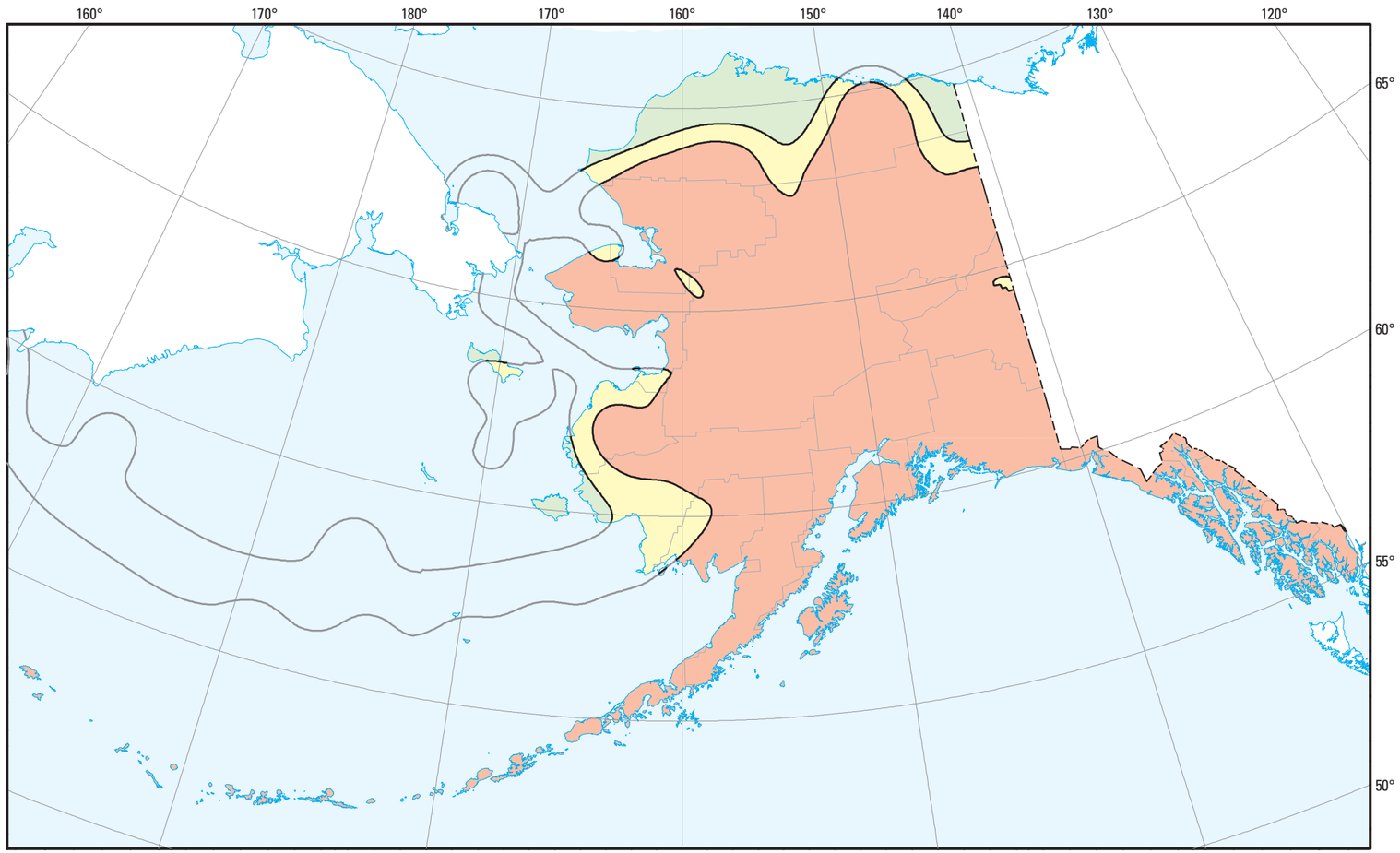
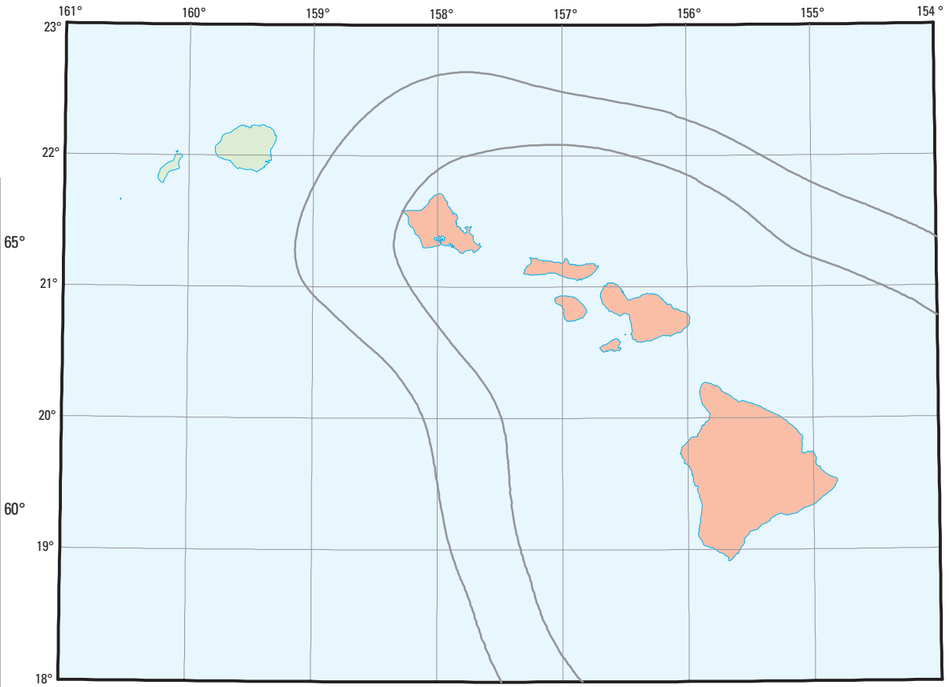
Building Seismic Safety Council, 2011, Standards of Seismic Safety for Existing Federally Owned and Leased Buildings, ICSSC Recommended Practice 8 (RP8): NIST GCR 11-917-12, National Institute of Standards and Technology, Gaithersburg, MD.

Building Seismic Safety Council, 2009, NEHRP Recommended Provisions for Seismic Regulations for New Buildings and Other Structures: FEMA P750/2009 Edition, Federal Emergency Management Agency, Washington, DC.

Huang, Yin-Nan, Whittaker, A.S., and Luco, Nicolas, 2008, Maximum spectral demands in the near-fault region, Earthquake Spectra Volume 24, Issue 1, pp. 319-341.

Luco, Nicolas, Ellingwood, B.R., Hamburger, R.O., Hooper, J.D., Kimball, J.K., and Kircher, C.A., 2007, Risk-Targeted versus Current Seismic Design Maps for the Conterminous United States, Structural Engineers Association of California 2007 Convention Proceedings, pp. 163-175.

Petersen, M.D., Frankel, A.D., Harmsen, S.C., Mueller, C.S., Haller, K.M., Wheeler, R.L., Wesson, R.L., Zeng, Yuehua, Boyd, O.S., Perkins, D.M., Luco, Nicolas, Field, E.H., Wills, C.J., and Rukstales, K.S., 2008, Documentation for the 2008 Update of the United States National Seismic Hazard Maps: U.S. Geological Survey Open-File Report 2008-1128, 61 p.

Seismic Leasing Requirements (continued)

Federally Leased Buildings Complying with RP8
Alaska, Hawaii, and Puerto Rico