

















Good news also spread fast!

 By mid 1960s Prof. Alberto Sarria was teaching earthquake resistant basics for reinforced concrete structures at the Universidad de los Andes in Bogotá using PCA Newmark, Blume, Corning book.



Development of the Colombian Earthquake Resistance Regulations In 1975 AIS (Colombian Association for Earthquake Engineering) translated into Spanish the 1974 Blue Book (SEAOC). The emphasis was making sure that the main feature was detailing











Development of the Colombian Earthquake Resistance Regulations June 1984 first Colombian Code. In 1997 Colombian Congress approves Law 400 of 1997 defining all issues related to Seismic Resistance including creation of the Code Commission. In 1998 NRS-98 Code is enacted (Decree 33, 1998) In 2010 NSR-10 Code is enacted (Decree 926, 2010)

















Methodology

A series of studies were performed to prove to the Colombian building industry that the increase in cost to make structures stiffer was marginal.





Moderate Seismic Design Category (SDC) Requirements in the Colombian Code

Moderate Seismic Design Category (SDC) Requirements

 For the 1984 Colombian Code the reinforced concrete detailing requirements for Moderate SDC were changed to provide more toughness than what is required in ACI 318 Code were introduced.









































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