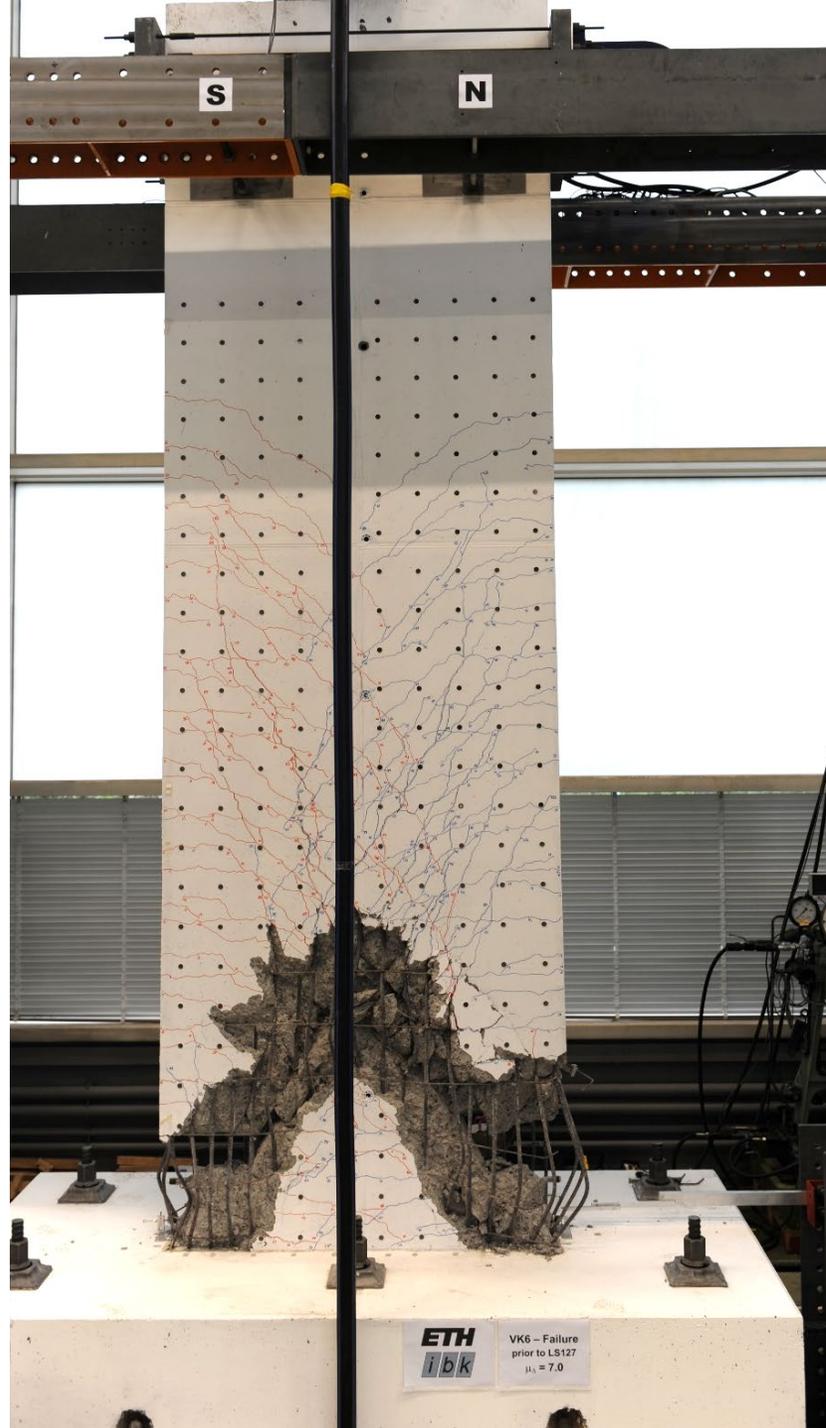
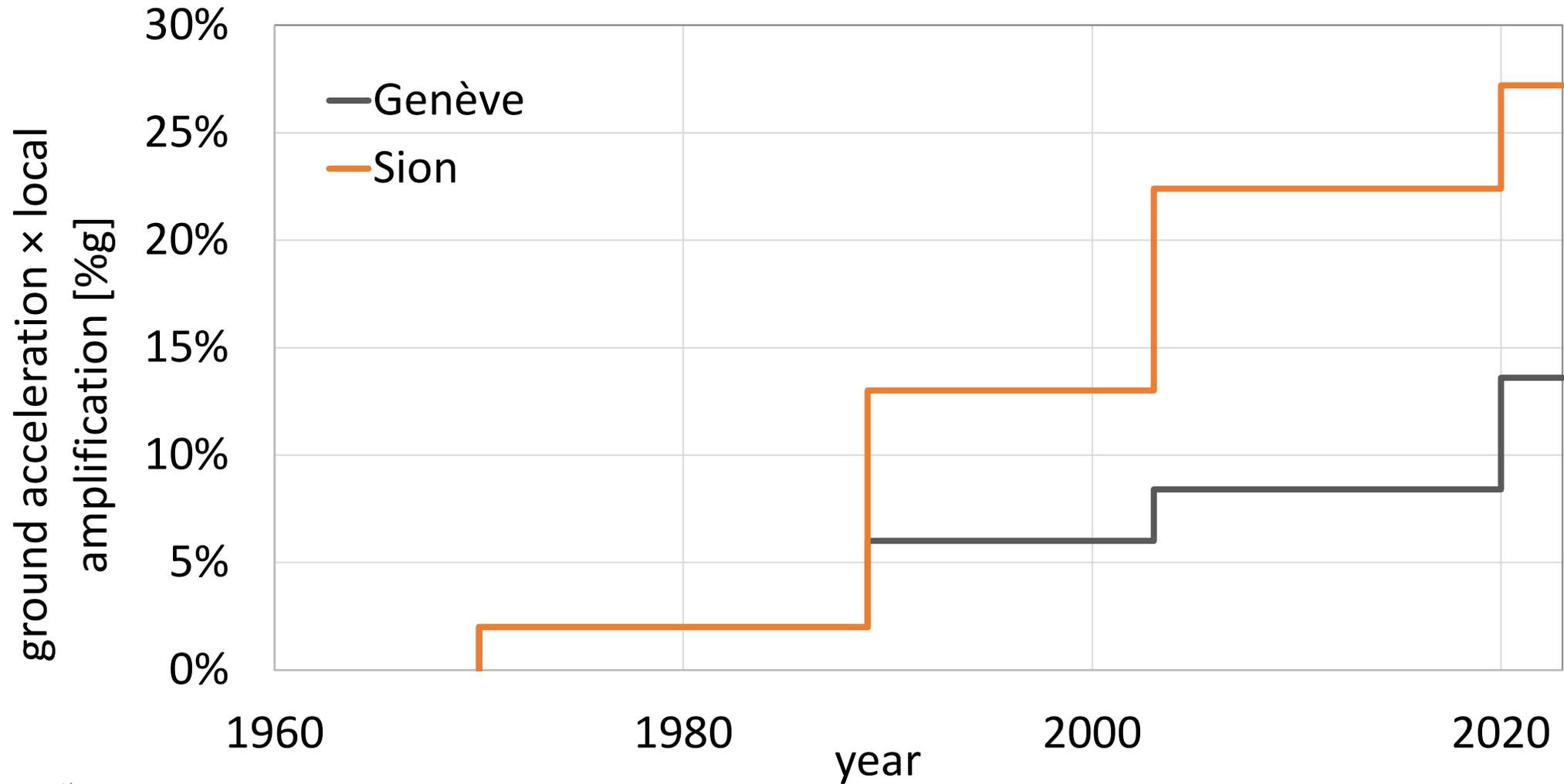


Laboratory tests on brige piers



Source: Quasi-static cyclic tests on RC bridge piers with detailing deficiencies (2013) *Hannewald, Bimschas, Dazio, IBK Bericht 352*

Evolution of seismic design action in two Swiss cities



Principles of earthquake resistant design

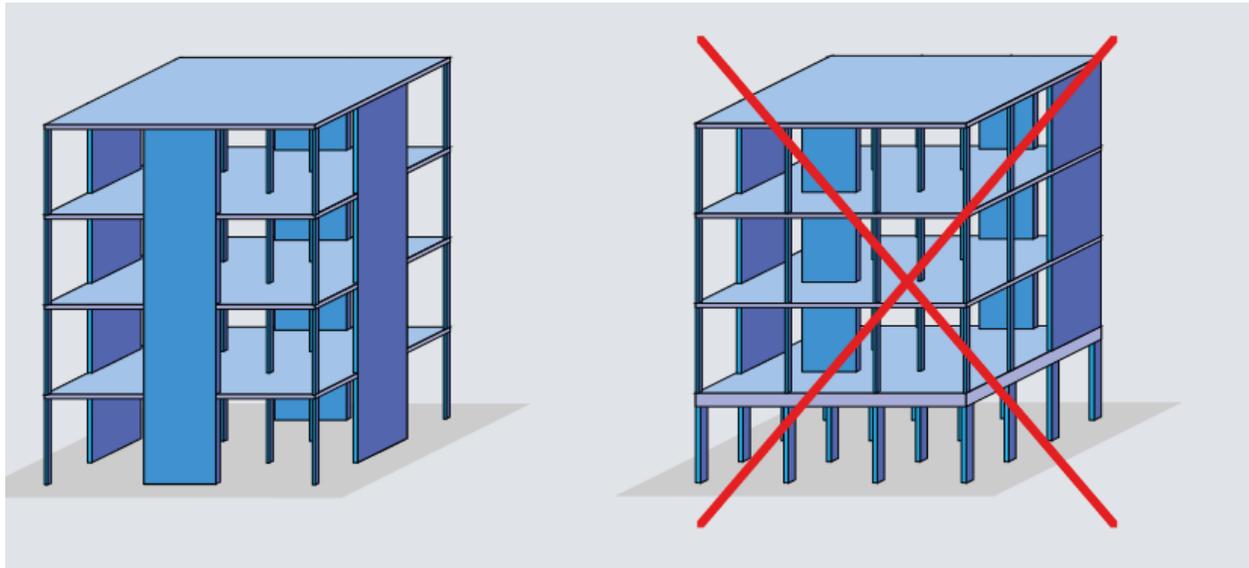
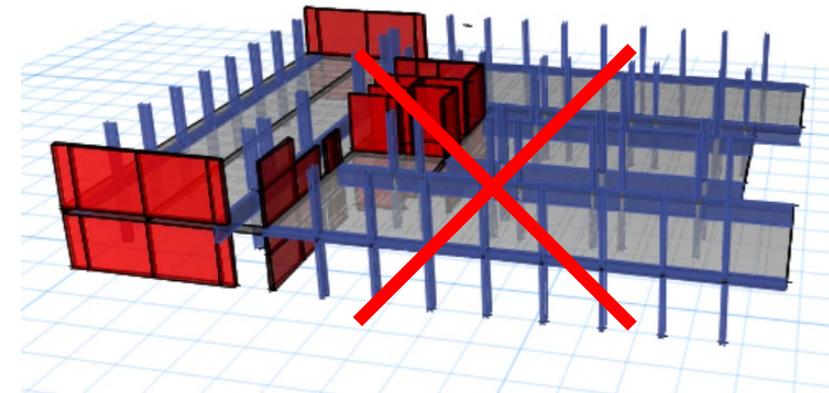
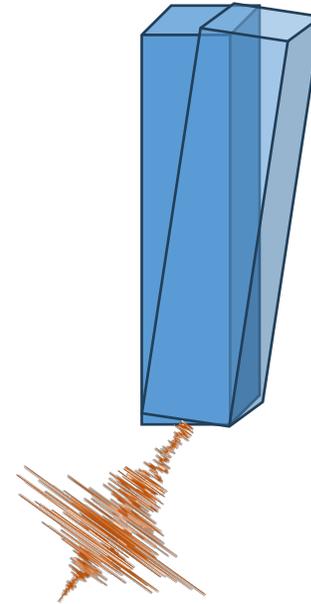
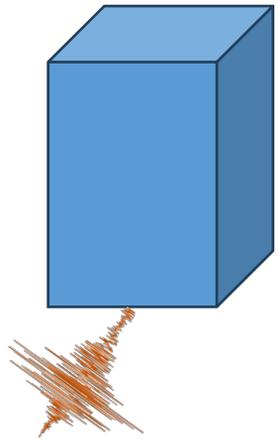


Image: Erdbebengerechte Neubauten in der Schweiz, Stiftung für Baudynamik und Erdbebeningenieurwesen



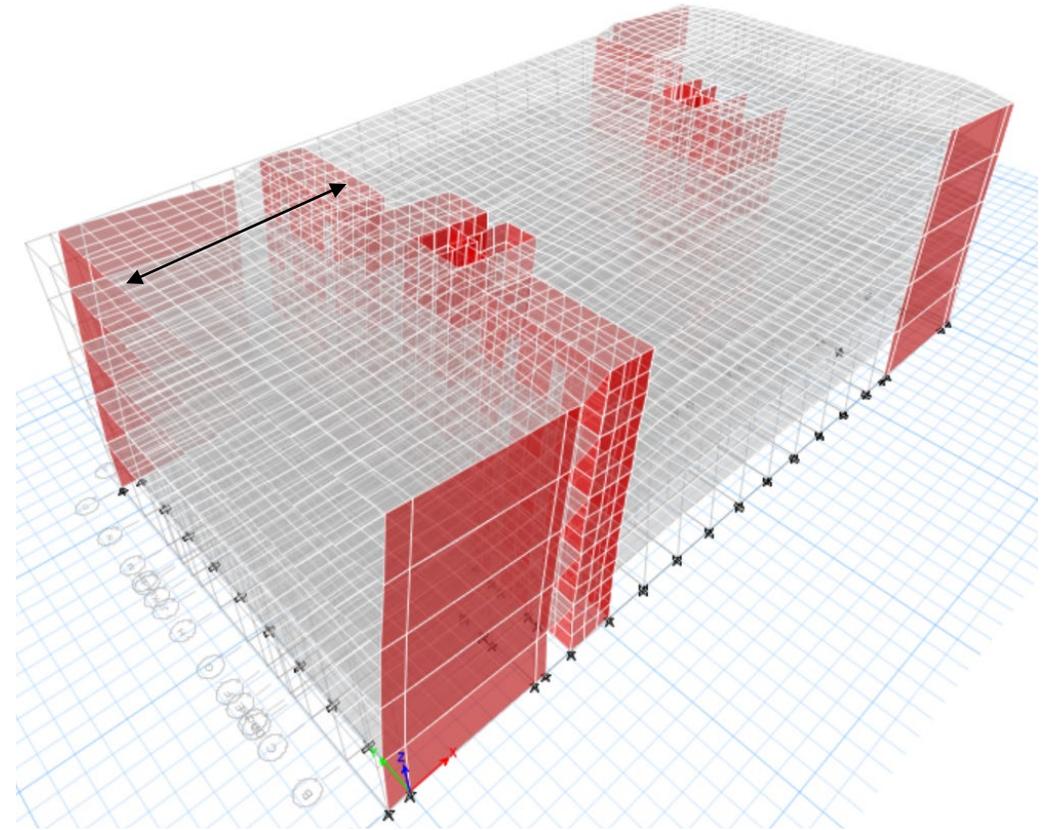
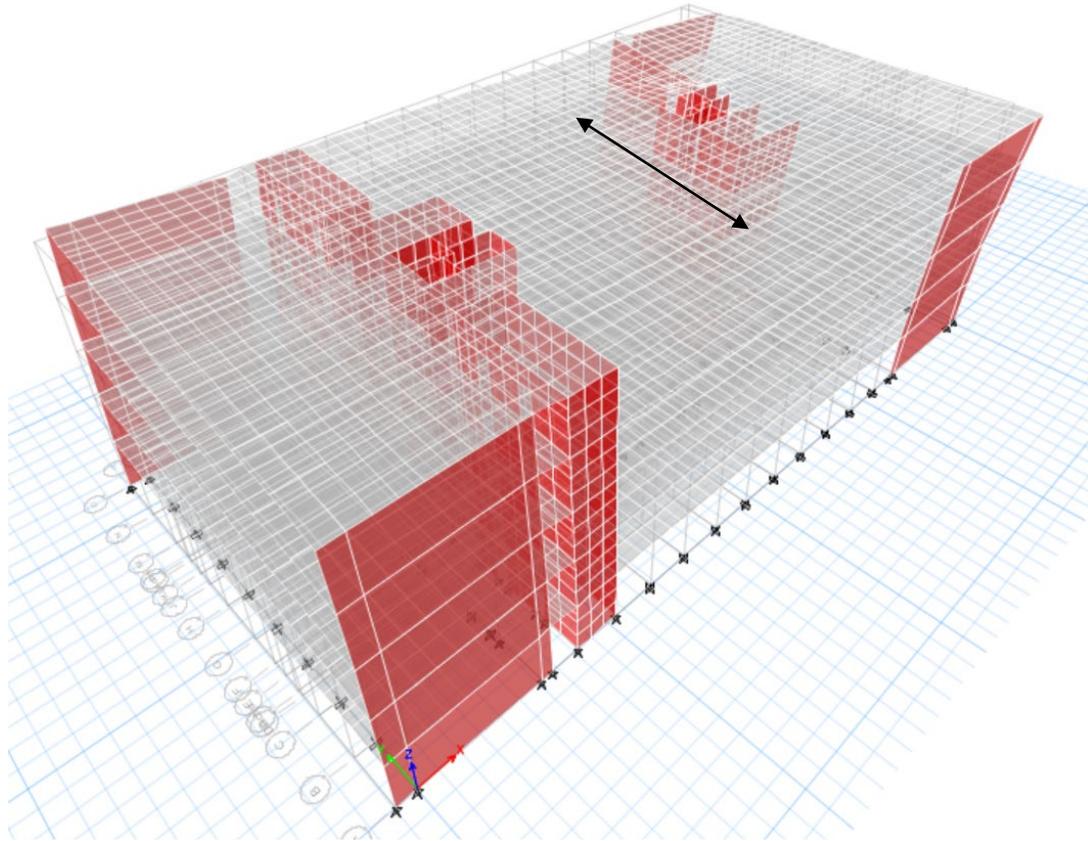
Concepts of earthquake resistant design force and displacement capacity



Typical damages after earthquakes



3D numerical model of a building



Examples of retrofitted buildings



Photo: W. Schmidt

