

Data	Use	Source
Earthquake events	Define date, intensity, and location of earthquakes	http://www.globalcmt.org
Earthquake events	Earthquake date, location, and intensity	http://www.ncedc.org/anss/
Quaternary fault maps	Assess distance from known faults and define fault motion	http://earthquake.usgs.gov/hazards/qfaults/download.php
Attenuation relationships	Calculate propagation of seismic waves	http://www.opensha.org/glossary-attenuationRelation
30m shear velocity (Vs30)	Determine seismic wave attenuation	http://earthquake.usgs.gov/hazards/apps/vs30/
Topography–digital elevation data [~90m resolution]	Define elevation and slope for floods, tsunamis, landslides, etc.	http://eros.usgs.gov/elevation-products
Tropical cyclone best-track dataa	Determine location and intensity of tropical cyclones	http://www.ncdc.noaa.gov/ibtracs/
Land cover	Assign roughness for calculating winds from gradient-level winds	http://due.esrin.esa.int/globcover/ US: http://www.mrlc.gov/
Bathymetry	Define behavior of waves from storm surge and tsunamis	http://www.ngdc.noaa.gov/mgg/inundation/tsunami/
Tornado and hail paths	Develop event sets for tornadoes and hail from severe convective storms	http://www.spc.noaa.gov/wcm/#data
Volcanic eruptions	Catalog of all known historical (and in some cases geological) eruptions with indicative impacts (where known)	http://www.volcano.si.edu/search_eruption.cfm#
Tsunami events and run-ups	Tsunami hazard	http://www.ngdc.noaa.gov/hazard/tsu_db.shtml
Flood events since 1985	Flood hazard	http://floodobservatory.colorado.edu/Archives/index.html
Fire events 1997–2011	Wildfire hazard	http://due.esrin.esa.int/wfa/
Atmospheric reanalysis data	Reconstruct atmospheric winds, precipitation, temperature, etc.	http://www.esrl.noaa.gov/psd/data/gridded/data.ncep.reanal_ysis.html
Hurricane satellite data (HURSAT)	Homogeneous estimates of hurricane intensity	http://www.ncdc.noaa.gov/hursat/