**Factors**

**A** Construction design and construction materials

**B** Location site for geologic hazards

**C** Zoning ordinances / Building codes

**D** City/Community emergency planning

**E** Personal, family, and neighborhood planning

**F** Emergency notifications and communication

**G** Vulnerable populations

|  |  |  |  |
| --- | --- | --- | --- |
| # | **Resource** | **Description** | **Factors addressed** |
| 1 | **Ready.gov: Make a Plan**  <https://www.ready.gov/plan> | *Website with emergency planning resources for family, friends and neighbors.* | A, B, C, D, E, F, G |
| 2 | **Ready.gov: Community Preparedness Toolkit**  <https://www.ready.gov/community-preparedness-toolkit> | *Website with links outlining a 5-step process for community preparedness planning and implementation.* | D, E |
| 3 | **FEMA: Community Lifelines**  <https://www.fema.gov/emergency-managers/practitioners/lifelines> | *Website from the Federal Emergency Management Agency (FEMA) for community preparedness planning and implementation based on Lifelines* | D, E |
| 4 | **FEMA Earthquake Home Hazard Hunt**  <https://www.earthquakeauthority.com/EQA2/media/PDF/FEMA/FEMA528.pdf> | *Poster with recommendations for how people identify and mitigate earthquake hazards in residential homes.* | A, C, E |
| 5 | **ShakeAlert** Earthquake Early Warning  <https://www.shakealert.org/> | *Website describing West coast earthquake early warning system components with diagrams.* | D, E, F, G |
| 6 | **The Great Shake Out**  <https://www.shakeout.org/index.html> | *Website with resources for implementing earthquake drills.* | D, E, F, G |
| 7 | **When an Earthquake Strikes**  <https://mil.wa.gov/asset/5ba41f58d93ef> | *Poster produced by the Great Washington ShakeOut describing emergency response actions to take during an earthquake, illustrating various location scenarios that could be encountered.* | E, G |
| 8 | **How Earthquake-Proof Buildings are Designed**  <https://www.bigrentz.com/blog/earthquake-proof-buildings> | *Article: 2019, from Big Rentz, an equipment rental company, on how earthquakes impact buildings, how buildings are designed and how construction materials are used.* | A |
| 9 | **Earthquake Resiliency and Building Code Enforcement, Is there a connection?**  <https://drive.google.com/file/d/1OENPXYo-jz7OFJMnR_gvfzhgOr5B9lr4/view?usp=sharing> | *One page poster from FEMA, Municipality of Anchorage and Golder Associates, Inc.* | A, B, C, D, E, F |
| 10 | **Historic Seismically Induced Ground-Failure Susceptibility**  <https://muniorg.maps.arcgis.com/apps/webappviewer/index.html?id=6d9f19e70868491da6296bdb398b33cc> | *Web viewer using a geographic information system (****GIS****) for Matanuska- Susitna Borough, and Municipality of Anchorage.* | B |
| 11 | **Municipality of Anchorage Earthquake Preparedness**  <https://www.muni.org/Departments/OEM/Prepared/Pages/EarthquakePrep.aspx> | *Website from Municipality of Anchorage providing earthquake preparedness, before, during and after an earthquake.* | E |
| 12 | **Assess Your Risk**  <https://earthquake.alaska.edu/assess-risk> | *One webpage from the University of Alaska Fairbanks Alaska Earthquake Center on Places, Structures and People* | A, B, E, F, G |
| 13 | **Are you prepared for the next big EARTHQUAKE in Alaska?**  <https://dggs.alaska.gov/webpubs/outside/text/are-you-prepared-earthquake-in-ak.pdf> | *28 page PDF booklet from multiple agencies providing extensive preparedness content and emergency planning resources.* | A, B, C, D, E, F, G |
| **The following resources are for more in-depth research** | | | |
| 14 | **Simplified Seismic Assessment of Detached, Single-Family, Wood-Frame Dwellings**  <https://www.atcouncil.org/images/files/FEMA_P-50.pdf> | *Report produced by FEMA with information about assessing existing structures for structural deficiencies pertaining to seismic stability.* | A, B, C |
| 15 | **Downtown Seismic Risk Assessment & Land Use Regulations to Mitigate Seismic Risk**  <https://www.muni.org/Departments/OCPD/Planning/Publications/Pages/DowntownSeismicAssessment.aspx> | *Report by the Municipality of Anchorage.* | A, B, C, D |