



APPENDIX B ACRONYMS AND GLOSSARY

ACRONYMS

ACS	American Community Survey
ADC	Agribusiness Development Corporation
ASCE	American Society of Civil Engineers
ASDSO	Association of State Dam Safety Officials
ATSDR	Agency for Toxic Substances and Disease Registry
BCAT	Building Code Adoption Tracking Program
BFE	Base Flood Elevation
BFS	Department of Budget and Fiscal
BRIC	Building Resilient Infrastructure and Communities
BWS	Board of Water Supply
CCSR	Office of Climate Change, Sustainability, and Resiliency
CDBG	Community Development Block Grant
CDC	Centers for Disease Control and Prevention
CFR	Code of Federal Regulations
CISA	Cybersecurity and Infrastructure Security Agency
COFA	Compact of Free Association
COR	Corporation Counsel
CRB	Coconut Rhinoceros Beetle
CRC	Community Resilience Consulting
CRS	Community Rating System
CWPP	Community Wildfire Protection Plan
DART	Deep-Ocean Assessment and Reporting of Tsunami
DBEDT	Department of Business, Economic Development & Tourism
DCS	Department of Community Services
DDC	Department of Design and Construction
DEM	Department of Emergency Management
DFM	Department of Facility Maintenance
DHLM	Department of Housing and Land Management
DHS	Department of Homeland Security
DIT	Department of Information Technology
DLNR	Department of Land and Natural Resources
DMA	Disaster Mitigation Act
DOFAW	Division of Forestry and Wildlife
DPP	Department of Planning and Permitting
DPR	Department of Parks and Recreation
DRC	Democratic Republic of the Congo



DSP	Dam Safety Program
DTA	Direct Technical Assistance
DTS	Department of Transportation Services
EAP	Emergency Action Plan
EIS	Environmental Impact Statement
EMS	Emergency Medical Services
ENV	Environmental Services Department
EPA	Environmental Protection Agency
EPCRA	Emergency Planning and Community Right-to-Know Act
FBI	Federal Bureau of Investigation
FEMA	Federal Emergency Management Agency
FIRM	Flood Insurance Rate Map
FSRI	Fire Safety Research Institute
FTO	Foreign Terrorist Organization
FWS	U.S. Fish and Wildlife
GAO	United States Government Accountability Office
GDP	Gross Domestic Product
GIS	Geographic Information System
H7N9	Avian Influenza A
HAR	Hawai'i Administrative Rules
HAZMAT	Hazardous Materials
HCCC	Hawai'i Climate Change Commission
HCCMAC	Hawai'i Climate Change Mitigation and Adaptation Commission
HCD	Hawai'i Community Development Authority
HCD	Hawai'i Community Development Authority
HDOA	Hawai'i Department of Agriculture
HDOH	Hawai'i State Department of Health
HDOT	Hawai'i Department of Transportation
HECO	Hawaiian Electric Company
HEER	Hazard Evaluation and Emergency Response
HEPCRA	Hawai'i Emergency Planning and Community Right-to-Know Act
HESD	Honolulu Emergency Services Department
HFD	Honolulu Fire Department
HHEM	Hawai'i Healthcare Emergency Management Coalition
HHPD	High Hazard Potential Dam
HI-EMA	Hawai'i Emergency Management Agency
HISC	Hawai'i Invasive Species Council
HMGP	Hazard Mitigation Grant Program
HMP	Hazard Mitigation Plan
HMWG	Hazard Mitigation Working Group
HNL	Daniel K. Inouye International Airport
HOU	Mayor's Office of Housing
HPAI	Highly Pathogenic Avian Influenza
HPCA	Hawai'i Primary Care Association



HPD	Honolulu Police Department
HRS	Hawai'i Revised Statutes
HVAC	Heating, Ventilation, and Air Conditioning
HVO	Hawai'i Volcano Observatory
HWMO	Hawai'i Wildfire Management Organization
IBC	International Building Code
IHS	Institute of Human Services
IRC	International Residential Code
ITIC	International Tsunami Information Center
IVHHN	International Volcanic Health Hazard Network
KBDI	Keetch-Byram Drought Index
LEPC	Local Emergency Planning Committee
LHMP	Local Hazard Mitigation Plan
LTDR	Long-Term Disaster Recovery Plan
MRP	Mean Return Period
NAICS	North American Industry Classification System
NASA	National Aeronautics and Space Administration
NCEI	National Centers for Environmental Information
NDMC	National Drought Mitigation Center
NEHRP	National Earthquake Hazards Reduction Program
NFIP	National Flood Insurance Program
NFPA	National Fire Protection Association
NHC	National Hurricane Center
NHLC	Native Hawaiian Legal Corporation
NID	National Inventory of Dams
NIDIS	National Integrated Drought Information System
NOAA	National Oceanic and Atmospheric Administration
NPL	National Priorities List
NRI	National Risk Index
NSI	National Structure Inventory
NWS	National Weather Service
OER	Office of Economic Revitalization
OIG	Office of Inspector General
OISC	O'ahu Invasive Species Committee
OMPO	O'ahu Metropolitan Transit Organization
OPSD	Office of Planning and Sustainable Development
OTS	O'ahu Transit Services
PacIOOS	Pacific Islands Ocean Observing System
PAHO	Pan American Health Organization
PGA	Peak Ground Acceleration
PHMSA	Pipeline and Hazardous Materials Safety Administration
PNRI	Percent of Normal Rainfall Index
PREP	Pandemic Response Expansion Project
PTSD	Post Traumatic Stress Disorder



PTWC	Pacific Tsunami Warning Center
RCV	Replacement Cost Value
ROD	Rapid 'ōhi'a Death
ROH	Revised Ordinances of Honolulu
RPA	Regional Planning Area
SBA	Small Business Administration
SDC	Seismic Design Category
SERC	State Emergency Response Commission
SFHA	Special Flood Hazard Area
SLOSH	Sea, Lake, and Overland Surge from Hurricane
SLR	Sea Level Rise
SMA	Special Management Area
SME	Subject Matter Expert
SOEST	School of Ocean and Earth Science and Technology
SPI	Standardized Precipitation Index
SST	Sea Surface Temperature
TCM	Tropical Cyclone Forecast/Advisory
TCP	Tropical Cyclone Public Advisory
TCS	Tropical Cyclone Discussion
THIRA	Threat Hazard Identification and Risk Assessment
USACE	United States Army Corps of Engineers
USDA	United States Drug Administration
USDM	United States Drought Monitor
USGCRP	United States Global Change Research Program
USGS	United States Geological Survey
VOAD	Voluntary Organizations Active in Disaster
WCCHC	Wai'anae Coast Comprehensive Health Center
WDNR	Washington State Department of Natural Resources
WFCA	Western Fire Chiefs Association
WHO	World Health Organization
WMO	World Meteorological Organization
WRCC	Western Regional Climate Center
WUI	Wildland-Urban Interface

GLOSSARY

- **Adaptive capacity**—the ability of a human or natural system to adjust to climate change by moderating potential damage, taking advantage of opportunities, or coping with the consequences (EPA 2023)
- **Asset**—anything that is important to the character and function of a community (e.g., people, structures, community lifelines, the economy, and natural, historic, and cultural resources) (FEMA 2023)
- **Capability assessment**—an evaluation of which authorities, policies, programs, funding and resources a participant has to accomplish hazard mitigation (FEMA 2023)



- **Cascading hazards**—a primary event, such as heavy rainfall, seismic activity, or rapid snowmelt, followed by a chain of consequences that may range from modest (lesser than the original event) to substantial (National Academies of Sciences, Engineering, and Medicine 2022)
- **Climate Adaptation**—Actions taken at the individual, local, regional, and national levels to reduce risks from today’s changed climate conditions and prepare for effects of changes projected for the future.
- **Community lifelines**—the most fundamental services in a community that, when stabilized, enable all other aspects of society to function (FEMA 2023)
- **Extent**—the range of anticipated intensities of the identified hazards within a community, most commonly expressed using various scientific scales (FEMA 2022)
- **Hazard profile**—a description of a hazard’s location, extent, previous occurrences and probability of future events within a community (FEMA 2023)
- **Hazard ranking**—the process of identifying the hazards that pose the greatest risk to a community, based on how likely the hazard is to occur, the potential consequences if the hazard does occur, and other relevant local factors
- **Impact**—the consequences or effects of a hazard on a community’s assets identified in the vulnerability assessment. (FEMA 2023)
- **Integration**—the inclusion of hazard mitigation principles, vulnerability information and mitigation actions into other existing community planning to leverage activities that have co-benefits, reduce risk and increase resilience (FEMA 2022)
- **Mitigation action**—measures, projects, plans or activities proposed to reduce the current and future vulnerabilities identified in the risk assessment (FEMA 2023)
- **Mitigation strategy**— the long-term blueprint for reducing the potential hazard-related losses identified in the risk assessment; the strategy consists of mitigation goals, mitigation actions, and a plan for implementing the actions (FEMA 2023)
- **Natural hazard**—a source of harm or difficulty created by a meteorological, environmental or geological event (FEMA 2023)
- **PGA**—Peak ground acceleration is motion experienced by a person on the ground during an earthquake.
- **Plan maintenance**—monitoring and updating a hazard mitigation plan as warranted by changing conditions, availability of new information, and progress on the proposed mitigation actions (FEMA 2023)
- **Planning process**—the procedures used to develop a hazard mitigation plan with broad acceptance across the community
- **Resilience**—Defined within the O’ahu Resilience Strategy as, “the ability to survive, adapt and thrive regardless of what shocks or stresses come....”
- **Risk**—the potential for damage or loss when natural hazards interact with people or assets (FEMA 2023)
- **Risk assessment**—a data-driven analysis to find where a local jurisdiction is vulnerable to hazards (FEMA 2023)



- **SA**—Spectral acceleration is motion experienced by a building during an earthquake
- **Social vulnerability**—the potential for loss within an individual or social group, as affected by traits that influence an individual’s or group’s resilience, which is their ability to prepare, respond, cope or recover from an event (FEMA 2023)
- **Stakeholder**—individuals or groups that a mitigation action or policy affects, including businesses, private organizations and residents (FEMA 2023)
- **Underserved Community**—A community with limited or no access to essential resources, leading to disenfranchisement. This may include individuals who are socioeconomically disadvantaged, who have limited English proficiency, or who are geographically isolated.
- **Vulnerability**—a description of which assets within locations identified to be hazard prone are at risk from the effects of the hazard (FEMA 2023)