Acroynms and Abbreviations

List of Acronyms and Abbreviations	
%	percent
%g	Percent acceleration of gravity
°C	degrees Celsius
°F	degrees Fahrenheit
3D	Three-dimensional
AASHTO	American Association of State Highway and Transportation Officials
ABFE	Advisory Base Flood Elevation
ACOE	U.S. Army Corps of Engineers
AICP	American Institute of Certified Planners
ALDARS	Automated lightning detection and ranging system
ASOS	(National Weather Service) Automated Surface Observing Station
Athos	M/T ATHOS
BFE	Base Flood Elevation
B-Scale	Beaufort Wind Scale
BCA	Benefit cost analysis
BCR	Benefit cost ratio
BUI	Build-Up Index
BW-12	Biggert-Water Flood Insurance Reform Act of 2012
CAC	Community Assistance Contacts
CAFRA	Coastal Area Facility Review Act
CAIT	Center for Advanced Infrastructure and Transportation
CAV	Community Assistance Visits
CBA	Coastal Blue Acres
CBP	County business patterns
CBRA	Coastal Barrier Resources Act
CDBG	Community Development Block Grant
CDC	Centers for Disease Control and Prevention
CERT	Citizen Emergency Response Team
CFR	Code of Federal Regulations
CMI	Crop Moisture Index
CO	Carbon monoxide
CO_2	Carbon dioxide
CRREL	U.S. Army's Cold Regions Research and Engineering Laboratory
CRS	Community Rating System
CRSSA	Grant F. Walton Center for Remote Sensing and Spatial Analysis
DART	Deep-ocean Assessment and Report Tsunamis
DCA	Department of Community Affairs
DCA	New Jersey Department of Banking and Insurance
DEM	Digital elevation models
DFIRM	Digital Flood Insurance Rate Map

List of Acronyms and Abbreviations	
DHHS	U.S. Department of Health and Human Services
DI	Damage Indicators
DMA 2000	Disaster Mitigation Act of 2000
DOD	Degree of damage
DOE	New Jersey Department of Education
DRBC	Delaware River Basin Commission
DWS	Division of Water Supply and Geoscience
DWSRF	Drinking Water State Revolving Fund
EAL	Emergency Action Levels
EF-Scale	Enhanced Fujita Scale
EMA	Emergency Management Assistance
EMAP	Emergency Management Accreditation Program
EMPG	Emergency Management Performance Grant
EMPG	Emergency Management Program Grant
EMS	Emergency Medical Services
EOC	Emergency Operations Center
EPA	U.S. Environmental Protection Agency
EPCRA	Emergency Planning and Community Right-to- Know Act
EPZ	Emergency planning zone
ESF	Emergency support function
EST	Eastern Standard Time
F-Scale	Fujita Scale
FAA	Federal Aviation Administration
FEMA	Federal Emergency Management Agency
FHA	Federal Highway Adminstration
FHACA	Flood Hazard Area Control Act
FHWA	Federal Highway Administration
FIRM	Flood Insurance Rate Map
FIS	Flood Insurance Study
FM	Fire Management
FMA	Flood Mitigation Assistance
FMAG	Fire Management Assistance Grant
g	Acceleration of Gravity
GDMS	Geotechnical Database Management System
GIS	Geographic Information System
GORR	Governor's Office of Rebuilding and Recovery
GSTF	Greatest Savings to the Fund
HINI	Novel influenza A
HIRA	Hazard identification and risk assessment
HMA	Hazard Mitigation Assistance
HMGP	Hazard Mitigation Grant Program
HMGP	Hazard Mitigation Grant Program

List of Acronyms and Abbreviations	
HMP	Hazard Mitigation Plan
HPO	Historic Preservation Office
HSGP	Homeland Security Grant Program
HVAC	Heating, ventilation, and air conditioning
IBC	International Building Code
IRC	International Residential Code
ISO	Insurance Services Office
JCP&L	Jersey Central Power and Light Company
JD	Jurisdictional determination
KBDI	Keetch-Byram Drought Index
km/h	Kilometers per hour
LBAM	Land and Building Asset Management
LCSN	Lamont-Doherty Cooperative Seismographic Network
LEED	Leadership in Energy and Environmental Design
LEPC	Local Emergency Planning Committee
LHR	Leisure, hospitality, and retail
LIDAR	Light detection and ranging
LiMWA	Limit of moderate wave action
LOI	Letter of Intent
MAP	Moving Ahead for Progress
Map Mod	Flood Map Modernization
MCT	Mitigation Core Team
mph	Miles per hour
MPO	Metropolitan planning organizations
MRP	Mean return periods
MSA	Metropolitan statistical area
MTC	Mitigation Core Team
MM	Modified Mercalli Intensity Scale
MUA	Municipal utility authority
N.J.S.A.	New Jersey Statutes Annotated
N/A	Not available
NASA	National Aeronautics and Space Administration
NCDC	NOAA's National Climatic Data Center
NEHRP	National Earthquake Hazard Reduction Program
NEPA	National Environmental Policy Act
NESEC	Northeast States Emergency Consortium
NESIS	Northeast Snowfall Impact Scale
NFDRS	National Fire Danger Rating System
NFIC	National Fire Information Council
NFIF	National Flood Insurance Fund
NFIP	National Flood Insurance Program
NGDC	National Geophysical Data Center

Acronyms

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NIC	National Influenza Centers
NJAFM	New Jersey Association for Floodplain Management
NJBPU	New Jersey Board of Public Utilities
NJDA	New Jersey Department of Agriculture
NJDCA	New Jersey Department of Community
NJDEP	New Jersey Department of Environmental Protection
NJDOH	New Jersey Department of Health
NJDOT	New Jersey Department of Transportation
NJFFS	New Jersey Forest Fire Service
NJGIN	New Jersey Geographic Information Network
NJGS	New Jersey Geologic Survey
NJGWS	New Jersey Geological and Water Survey
NJHC	New Jersey Highlands Council
NJLOM	New Jersey League of Municipalities
NJLWD	New Jersey Department of Labor and Workforce Development
NJOEM	New Jersey Office of Emergency Management
NJOHSP	New Jersey Office of Homeland Security and Preparedness
NJOIT	New Jersey Office of Information Technology
NJOMB	New Jersey Office of Management and Budget
NJSP	New Jersey State Police
NJWxNet	New Jersey Weather and Climate Network
NOAA	National Oceanic and Atmospheric Administration
NO_X	Nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NRDC	National Resources Defense Council
NREL	National Renewable Energy Laboratory
NSF	National Science Foundation
NSSL	NOAA's National Severe Storms Laboratory
NVRC	Northern Virginia Regional Commission
NWS	National Weather Service
NYCEM	New York City Area Consortium for Earthquake Loss Mitigation
ONJSC	Office of the New Jersey State Climatologist
OPA	New Jersey Office for Planning Advocacy
PA	Public Assistance
PADOH	Pennsylvania Department of Health
PAG	Protective Action Guides
PBE	Permit by Rule
PDM	Pre-Disaster Mitigation
PDSI	Palmer Drought Severity Index
PGA	Peak Ground Acceleration
PM	Particulate matter
PPD-8	Presidential Policy Directive 8 (PPD-8)

List of Acronyms and Abbreviations	
PRA	Probabilistic Risk Assessments
PSE&G	Public Service Electric and Gas Company
PSI	Pandemic Severity Index
PVC	Polyvinyl chloride
Q3	Quality 3
RCV	Replacement cost value
RFC	Repetitive flood claims
Richter scale	Richter magnitude scale
Risk MAP	Risk Mapping, Assessment, and Planning
RL	Repetitive Loss
RMP	Highlands Regional Master Plan
ROIC	Regional operations intelligence center
RSI	Regional Snowfall Index
RTK	Real Time Kinematic
SADC	State Agriculture Development Committee
SAFE-TEA	Safe, Accountable, Flexible, Efficient Transportation Equity Act
SARA	Superfund Amendments and Reauthorization Act
SCA	State coordinating agency
SD	Substantially damaged
SDRP	New Jersey State Development and Redevelopment Plan
SEBS	School of Environmental and Biological Sciences at Rutgers
SFHA	Special flood hazard area
SGS	Guide Specifications for Bridge Seismic Design
SHELDUS	University of South Carolina Spatial Hazard Events and Losses Database for the U.S.
SHMO	State Hazard Mitigation Officer
SHMT	State Hazard Mitigation Team
SHMT	State Hazard Mitigation Team
SLOSH	Sea, Lake, and Overland Surge from Hurricanes
SME	Subject matter expert
SO_2	Sulfur dioxide
SPA	State Planning Act
SPC	Storm Prediction Center
SPI	Standardized Precipitation Index
SPT	Standard Penetration Test
SRL	Severe Repetitive Loss
STAPLEE	Social, technical, administrative, political, legal, economic, and environmental criteria
STIP	Statewide Transportation Improvement Program
THIRA	Threat Hazard Identification and Risk Assessment
TIP	Transportation Improvement Programs
TLD	Transportation, logistics, and distribution
TWP	Township
UCC	Uniform Construction Code

Acronyms

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URISA	Urban and Regional Information Systems Association
USACE	U.S. Army Corps of Engineers
USCG	U.S. Coast Guard
USDA	U.S. Department of Agriculture
USDOE	U.S. Department of Energy
USDOT	U.S. Department of Transportation
USFS	U.S. Forest Service
USGS	U.S. Geological Survey
VOC	Volatile organic compound
WCT	Wind chill temperature
WFAS	Wildland Fire Assesment System
WHO	World Health Organization
WISE Center	Texas Tech University Wind Science and Engineering Center
WMA	Watershed management area
WNV	West Nile virus
WUI	Wildland-Urban interface

Acronyms