

Appendix A Project Resources



Mechanical Mission
Photo by Air Force Senior Airman Emily Batchelor

A. PROJECT RESOURCES

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Appendix A

Project Resources

As representation of the significant amount of ongoing resilience planning and mitigation projects within the region, the U.S. Department of Defense, and the federal government more broadly, resources that were acknowledged during the stakeholder workshops are provided below.

Federal

- 2020 Department of Defense, Resilient Defense Infrastructure and Military Installations Resiliency, Report to Congress
- 2022 United States Army Climate Strategy
- Advancing Resilience for Defense Communities a Planning Framework by Association of Defense Communities and Stantec
- Air Force Civil Engineer Severe Weather/Climate Hazard Screening and Risk Assessment Playbook
- Air Force Reserve Command Air Installation Compatible Use Zone (AICUZ) Study for the Homestead Air Reserve Base, Florida
- Department of Defense Climate Risk Analysis
- Department of Defense Climate-Related Risk to DoD Infrastructure Initial Vulnerability Assessment Survey (SLVAS) Report
- Department of Defense Commander's Guide to Climate Adaptation for DoD Natural Resource Manager
- Department of Defense Draft Climate Adaptation Plan
- Department of Defense Draft Climate Assessment Tool
- Department of the Navy Climate Action 2030
- Department of the Navy Installation Energy Resilience Strategy
- Executive Order 13690 Federal Flood Risk Management Standard
- FEMA Flood Insurance Studies and Flood Insurance Rate Maps
- Grounded: An Enterprise-Wide Look at Department of the Air Force Installation Exposure to Natural Hazards. Rand Corporation Research Report by Narayanan, Lostumbo, Van Abel, Wilson, Wirth, and Ali.
- Homestead Air Reserve Base (ARB) Minimum Design Elevation
- Homestead ARB Installation Development Plan
- Homestead ARB Design Wind Speeds and Building Envelope Protection
- Infrastructure Investment and Jobs Act and Inflation Reduction Act
- Lowcountry Military Installation Resilience Review of MCAS Beaufort, MCRD Parris Island, and the Surrounding Areas
- Meeting The Climate Challenge Department of Defense Budget Fiscal Year (FY) 2023
- National Emission Standards for Hazardous Air Pollutants (relevant to fuel transport decisions and energy redundancy)
- National Flood Insurance Program (NFIP) Community Rating System (CRS)
- National Infrastructure Protection Plan and Presidential Policy Directive 21: Critical Infrastructure and Resilience
- Naval Facilities Engineering Command Climate Change Installation Adaptation and Resilience Planning Handbook
- Presidential Policy Directive 8: National Preparedness
- Remedy Protectiveness and Climate Resilience in Site Cleanups: Policies, Guidance, and Implementation Tools by the Federal Remediation Technologies Roundtable
- Report on Effects of a Changing Climate to the Department of Defense

A. PROJECT RESOURCES

- Severe Weather/Climate Hazard Screening and Risk Assessment, Homestead Air Reserve Base, Air Reserve Command Resiliency Planning. Screening Report by Air Force Reserve Command/ Jacobs
- Stormwater Drainage Basin Identification Report FY15 Environmental Support Stormwater Survey for Homestead Air Reserve Base, Florida by 3E Consultants for U.S. Army Corps of Engineers
- Strategic Environmental Research and Development Program Regional Sea Level Rise Scenarios for Coastal Risk Management
- The Stafford Act and Post-Katrina Emergency Management Reform Act of 2006
- U.S. Department of Commerce NIST Special Publication 1190 Community Resilience Planning Guide for Buildings and Infrastructure Systems
- U.S. Department of Homeland Security's Cybersecurity and Infrastructure Security Agency Methodology for Assessing Regional Infrastructure Resilience Lessons Learned from the Regional Resiliency Assessment Program
- UFC 1-200-02 High Performance and Sustainable Building Requirements
- UFC 3-201-01 Civil Engineering
- UFC 4-711 Family Housing
- United States Government Accountability Office Report to Congressional Requesters on Climate Resilience DOD Needs to Assess Risk and Provide Guidance on Use of Climate Projections in Installation Master Plans and Facilities Designs
- United States Government Accountability Office Report to the Ranking Member, Committee on Armed Services, U.S Senate DOD Coordinates with Communities, but Needs to Assess the Performance of Related Grant Programs
- Florida Building Code (includes minimum Building Elevations and Design Wind Speed requirements)
- Florida Defense Community Resiliency, Sustainability and Mission Assurance Project Inventory
- Florida Department of Economic Opportunity Statewide Vulnerability Assessment
- Florida Department of Environmental Protection SLIP Tool
- Florida Department of Environmental Protection Standard Vulnerability Assessment: Scope of Work Guidance
- Florida Department of Transportation (FDOT) Florida Adaptation Planning Guidebook
- Florida's Military Installations Linkages Study conducted by the Principi Group and the SPECTRUM Group Team for the Florida Defense Support Task Force

Regional

- 2021 Comprehensive Economic Development Strategy Annual Report
- South Florida Water Management District Resilience Plan and Level of Service Studies
- Southeast Florida Regional Climate Action Plan 3.0
- Southeast Florida Regional Climate Change Compact Unified Sea Level Rise Projection (County and Municipal Adoption)
- United States Army Corps of Engineers (USACE) Coastal Storm Risk Management Feasibility Studies (Miami-Dade County and Monroe County)
- USACE Central & South Florida Flood Control Project
- USACE South Atlantic Coastal Study

State

- FDOT Technical Memorandum: Risk Assessment on SIS Facilities by CDM Smith In association with Cambridge Systematics, Inc.
- Florida Administrative Code 9J-2.0256 – Hurricane Preparedness Policy

Local

- 2021 US 1 Arterial Travel Time and Delay Study, Florida Department of Transportation
- Biscayne Bay and Southeastern Everglades Ecosystem Restoration Project Fact & Information (January 2023)

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- Broward County 100-Year Flood Elevations Map
 - Broward County Climate Action Plan
 - Broward County Comprehensive and Land Use Plan (includes Adaptation Action Areas, Priority Planning Areas for Sea Level Rise Map, Resilience Criteria for Redevelopment and Minimum Elevation for Tidal Flood Barriers)
 - Broward County Local Mitigation Strategy
 - Broward County Ordinances & Building Code
 - Broward County Recovery Plan
 - Broward County-Wide Risk Assessment and Resilience Plan (2024)
 - Broward Future Conditions Groundwater Elevation Map and Ordinance 2017-6
 - Broward MPO Commitment 2045 Metropolitan Transportation Plan & Resiliency Framework Project
 - City of Dania Beach Comprehensive Plan
 - City of Dania Beach Ordinances & Building Code
 - City of Doral Comprehensive Master Plan (references Future Land Use Map)
 - City of Doral Ordinances & Building Code
 - City of Doral Transportation Master Plan
 - City of Doral LID Master Plan
 - City of Doral Parks Master Plan
 - City of Homestead Comprehensive Plan
 - City of Key West Adopted Comprehensive Plan and Floodplain Management
 - City of Homestead Ordinances & Building Code
 - Construction of a Military Housing Development for U.S. Army Garrison-Miami, Doral, Florida (Final Environmental Assessment)
 - Doral Trolley Route Map
 - Florida Department of Transportation, Hollywood A1A Study
 - Green Keys Sustainability Action Plan & Five Year Workplan
 - Key West Forward
 - Miami-Dade 2035 Long Range Transportation Plan
 - Miami-Dade Comprehensive Development Master Plan (contains comprehensive policies and land use map)
 - Miami-Dade County Climate Action Strategy
 - Miami-Dade County Extreme Heat Action Plan
 - Miami-Dade County Local Mitigation Strategy
 - Miami-Dade County Sea Level Rise Strategy
 - Miami-Dade County Water and Sewer Division Stormwater Master Plan
 - Miami-Dade County Zoning and Floodplain Ordinances
 - Miami-Dade Emergency Management Recovery Plan
 - Miami-Dade Long Range Transportation Plan
 - Monroe County Climate Action Plan
 - Monroe County Comprehensive Plan and Land Development Code (Land Use District and Tier Maps)
 - Monroe County Flood Ordinance
 - Monroe County Local Mitigation Strategy
 - Monroe County Regional Resilience Plan
 - Monroe County Roadway Vulnerability Study
 - Monroe County US 1 Transportation Master Plan by AECOM
 - Resilient 305 Strategy, Miami-Dade Area
 - South Miami-Dade County Flood Protection Level of Service Assessment for Current and Future Sea Level Rise Conditions Task 6 – Final Report and Mitigation Recommendations by Kimley-Horn and Associates, Inc. and GIT Consulting, LLC
 - South Miami-Dade County Flood Protection Level of Service Assessment for Current Conditions and Future and Future SLR Scenarios for the C-1, C-100, C-102, and C-103 Watersheds by Kimley-Horn and Associates, Inc. and GIT Consulting, LLC

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