BRIC and FMA SUBAPPLICANT
TOOLS AND INFORMATION

General Information

MARYLAND EMERGENCY MANAGEMENT AGENCY (MEMA)
https://mema.maryland.gov/community/Pages/Mitigation.aspx

FEMA BRIC GRANT TECHNICAL INFORMATION

BRIC program information
https://www.fema.gov/grants/mitigation/building-resilient-infrastructure-communities

BENEFIT COST ANALYSIS (BCA) TOOLKIT AND TECHNICAL INFORMATION

Pre-calculated analyses for eligible project types *(Source: FEMA)*
https://www.fema.gov/grants/guidance-tools/benefit-cost-analysis

FEMA GO reference tools *(Source: FEMA)*
https://www.fema.gov/grants/guidance-tools/fema-go/hazard-mitigation-assistance-grants

Community Information

NFIP CID#
https://www.fema.gov/cis/MD.pdf

LEGISLATIVE DISTRICT
https://mdpgis.mdp.state.md.us/Legis_District/index.html

CONGRESSIONAL DISTRICT
https://planning.maryland.gov/Redistricting/Pages/2010/congDist.aspx

FIREWISE
https://www.nfpa.org/Public-Education/Fire-causes-and-risks/Wildfire/Firewise-USA/Firewise-USA-Resources/Firewise-USA-sites/State-listing-of-participants

Mitigation Plan Information

HAZARD MITIGATION PLAN RESOURCES AND CONSIDERATIONS FOR GRANT SUBAPPLICANTS (FEMA)
https://www.fema.gov/emergency-managers/risk-management/hazard-mitigation-planning/create-hazard-plan

HAZARD MITIGATION PLAN STATUS (FEMA)
https://www.fema.gov/emergency-managers/risk-management/hazard-mitigation-planning/status
https://www.arcgis.com/apps/webappviewer/index.html?id=ec2fb023df744cf480da89539338c386

Maryland
EMERGENCY MANAGEMENT AGENCY

Scope of Work Development Tools

INFORMATION AND DIGITAL TOOLS TO HELP IDENTIFY AND ADDRESS CLIMATE RISKS *(Source: National Oceanic and Atmospheric Administration)*
https://toolkit.climate.gov/

GUIDANCE FOR DETERMINING CURRENT AND FUTURE FLOOD RISK based on preliminary Digital Flood Insurance Rate Maps (DFIRMs)
https://mdfloodmaps.net/
Direct link to DFRIMS: https://mdfloodmaps.net/map/

FEMA FLOOD MAP SERVICE CENTER
https://msc.fema.gov/portal/home

COMMUNITY LIFELINES (FEMA)
https://www.fema.gov/emergency-managers/practitioners/lifelines

MAPPING INFORMATION PLATFORM (MIP) STUDIES TRACKER: The MIP Studies Tracker includes footprints of all Study projects and project-relevant information from FEMA's Mapping Information Platform *(Source: FEMA)*
https://tinyurl.com/y3f4c7t2

Hazard Identification

FLOOD INUNDATION MAPPING (FIM) PROGRAM: Online flood inundation map library includes maps that show where flooding may occur over a range of water levels in the community's local stream or river. The site also provides online access to flood inundation maps along with real-time streamflow data, flood forecasts, and potential loss estimates. *(Source: USGS)*
https://www.usgs.gov/mission-areas/water-resources/science/flood-inundation-mapping-fim-program

NATIONAL WATER INFORMATION SYSTEM: This interface provides a map view of the locations of sites with USGS water data
https://maps.waterdata.usgs.gov/mapper/index.html

COASTAL CHANGE HAZARDS PORTAL: Interactive access to coastal change science and data for the nation's coasts
https://marine.usgs.gov/coastalchangehazardsportal

Environmental / Historic Preservation (EHP) Review Information

HISTORIC PRESERVATION-SPECIFIC RESOURCES *(Source: State of Maryland)*

Maryland Department of Assessments & Taxation: Verify location, ownership construction date, tax map, and tax parcel
https://sdat.dat.maryland.gov/RealProperty/Pages/default.aspx

Maryland Historic Preservation Information: Designations, existing surveys, prior Determinations of Eligibility determinations (MEDUSA)
https://mht.maryland.gov/secure/medusa/

**MULTI-USE INFORMATIONAL TOOLS
APPLICABLE TO THE FOLLOWING SECTIONS:**

- **Endangered Species Act**
- **Fish and Wildlife Coordination Act**
- **Clean Water Act**
- **Rivers and Harbors Act**
- **Executive Order 11990 (Protection of Wetlands)**
- **Executive Order 11988 (Floodplain Management)**
- **Coastal Zone Management Act**
- **Farmland Protection Policy Act**

*MERLIN: Maryland Environmental Resource & Land Information Network
(Source: State of Maryland)*
https://gisapps.dnr.state.md.us/MERLIN/index.html

National Wetlands Inventory (Source: U.S. Fish and Wildlife Service)
https://www.fws.gov/wetlands/data/mapper.html

Essential Fish Habitat (EFH) Mapper: Online mapping application is to provide the public and other resource managers an interactive platform for viewing a spatial representation of EFH or those habitats that NMFS and the regional fishery management councils have identified and described as necessary to fish for spawning, breeding, feeding, or growth to maturity
https://www.habitat.noaa.gov/protection/efh/efhmapper/index.html

Maps, GIS data, and metadata for designated Critical Habitat in each NOAA Fisheries Region
https://www.fisheries.noaa.gov/resources/maps?title=critical+habitat&field_management_area_value%5BNew+England%5D=New+England&field_management_area_value%5BMid-Atlantic%5D=Mid-Atlantic&field_species_vocab_target_id=&sort_by=created

Find Endangered Species: (Source: U.S. Fish and Wildlife Service)
https://www.fws.gov/endangered/

Coastal Change Hazards Portal: Interactive access to coastal change science and data for the nation's coasts
https://marine.usgs.gov/coastalchangehazardsportal/

Flood Inundation Mapping (FIM) Program: Online flood inundation map library includes maps that show where flooding may occur over a range of water levels in the community's local stream or river. The site also provides online access to flood inundation maps along with real-time streamflow data, flood forecasts, and potential loss estimates. *(Source: USGS)*
https://www.usgs.gov/mission-areas/water-resources/science/flood-inundation-mapping-fim-program

- **Resource Conservation and Recovery Act (RCRA)**
- **Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (for hazardous and toxic materials)**

Maryland's program for the regulatory oversight of hazardous waste, policies, and regulations (Source: Maryland Department of the Environment)
https://mde.maryland.gov/programs/LAND/Pages/index.aspx

Cleanups in My Community: Online tools that enable you to map and list hazardous waste cleanup locations and grant areas, and drill down to details about those cleanups and grants and other, related information *(Source: EPA)* https://www.epa.gov/cleanups/cleanups-my-community

- **Executive Order 12898, Environmental Justice for Low Income and Minority Populations**

Economic Characteristics for Maryland from the American Community Survey (Source: Maryland Department of Planning) http://mdpgis.mdp.state.md.us/ACS/multi-year/index.html

Neighborhoods at Risk: See where flooding, urban heat, and hurricanes impact the most vulnerable people. Map and explore information at the neighborhood level for every community in the U.S. Find climate projections for temperature and precipitation. *(Source Headwaters Economics via NOAA Climate Toolkit)* https://headwaterseconomics.org/apps/neighborhoods-at-risk/

Evaluation

NATIONAL FLOOD INSURANCE PROGRAM COMMUNITY RATING SYSTEM: Eligible communities list, effective October 1, 2020

https://www.fema.gov/flood-insurance/rules-legislation/community-rating-system

HAZARD MITIGATION ASSISTANCE GRANTS: Find Prior grant award application and status of recent awards *(Source: FEMA)*

https://www.fema.gov/grants/mitigation

COOPERATING TECHNICAL PARTNERS PROGRAM *(Source: FEMA)*

https://www.fema.gov/flood-maps/guidance-partners/cooperating-technical-partners

BUILDING CODE EFFECTIVENESS GRADING SCHEDULE (BCEGS) *(Source: ISO)*

https://www.isomitigation.com/bcegs/#:~:text=The%20Building%20Code%20Effectiveness%20Grading,of%20losses%20from%20natural%20hazards

Location Tools

MARYLAND FINDER ONLINE: Locate a property by address, ZIP code, or area of interest. Information can be accessed, attribute data extracted, and area maps generated in a variety of formats *(Source: Maryland Department of Planning)*

https://apps.planning.maryland.gov/finderonline/