



**Maryland**  
Department of  
the Environment

# Environmental Justice and MDE

Maryland Brownfields Conference  
November 16, 2022



## EPA Definition of EJ

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The fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies.

Fair treatment means that no group of people, including a racial, ethnic, or socio-economic group, should bear a disproportionate share of the negative environmental consequences resulting from industrial, municipal, and commercial operations of the execution of federal, state, local, and tribal programs and policies.



## Maryland Definition of EJ

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MD builds on the EPA definition to add that citizens should expect to be protected from public health hazards and to have access to socio-economic resources necessary to address concerns about their livelihood and health.



# MDE's Internal EJ Policy

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- Released late 2020
- Living document – currently being updated
- Creates the role of an EJ Officer to be responsible for coordinating MDE EJ practices and to serve as a liaison between communities and the Department
- Enhanced inspections, compliance, enforcement and infrastructure investments in communities with EJ concerns
- Developed an Internal MDE EJ Workgroup
- Development of the MDE EJScreen Tool



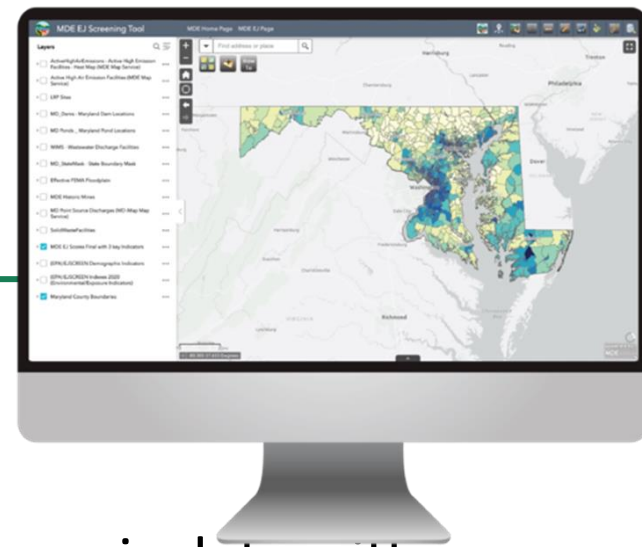
## Commission on Environmental Justice & Sustainable Communities

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- Focus on examining EJ issues and ensuring sustainable communities
- Review and analyze the impact of current State law and policy to address issues of EJ
- Address the adequacy of State and local government laws to address issues of EJ and sustainable communities, as well as Title VI of the Civil Rights Act
- Recommend options to address EJ issues to the Governor and the General Assembly



# MDE EJScreen



- Live – Still welcome comments
- For external and internal use
- Incorporates demographic and socioeconomic data with MDE elements like industrial facilities, wastewater treatment plants and proximity to dams
- Users can identify potential overburdened communities
- Allows for enhanced agency compliance, oversight, and monitoring, as well as enhanced communication and outreach in areas with permitting activities in overburdened or underserved communities.
- <https://mdewin64.mde.state.md.us/EJ/>

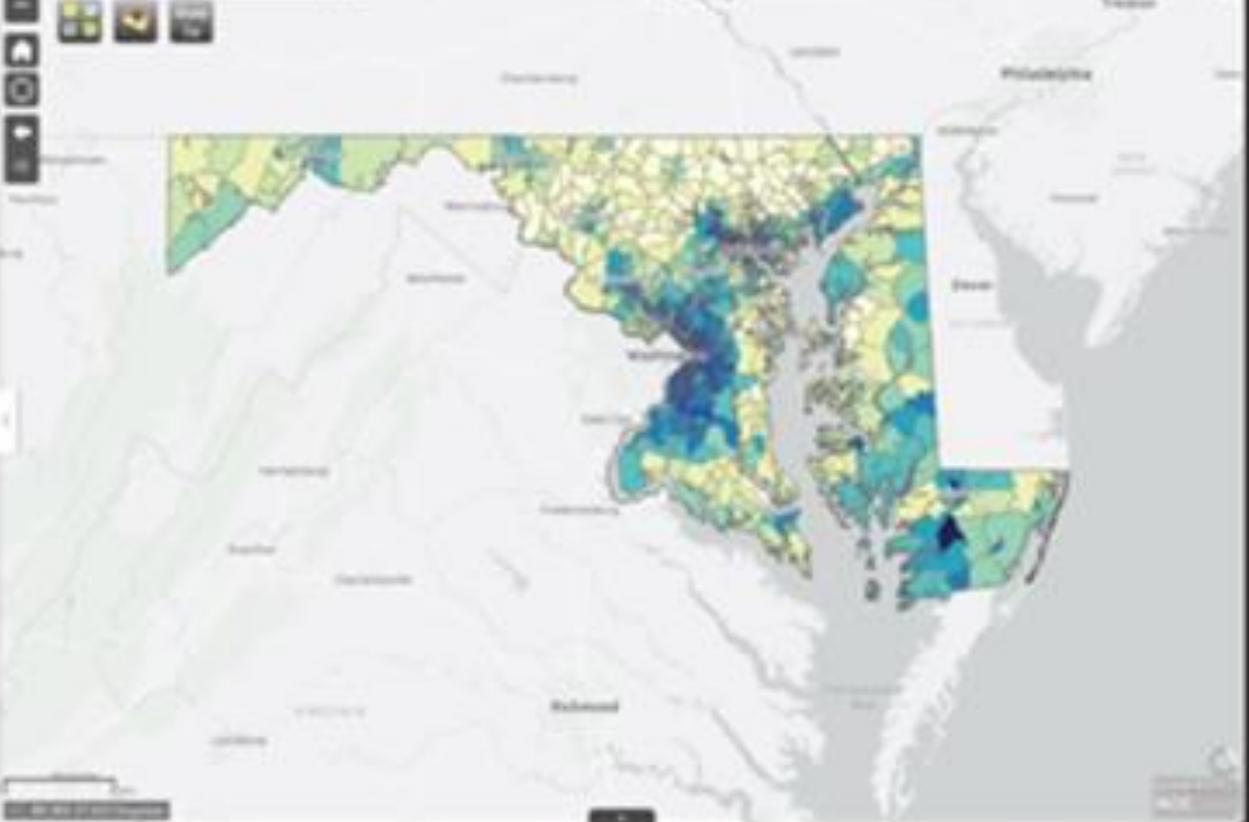


Layers

- AirQualityEmissions - Active High Emission Facilities - Heat Map (MDE Map Service)
- AirQualityEmissions - Active High Emission Facilities - MDE Map Service
- ZIP Code
- MD\_Cities - Maryland City Locations
- MD\_Counties - Maryland County Locations
- WWT - Wastewater Exchange Facilities
- MD\_StateBoundary - State Boundary Map
- Effective FPMs - Proximity
- MDE Home View
- MD\_SuperfundSites - Superfund Sites (MDE Map Service)
- SuperfundFacilities
- MDE EJ Screen/Tool with 7 Day Indicators
- EPA EJSCREEN Demographic Indicators
- EPA EJSCREEN 2012 Environmental Justice Indicators
- Maryland County Boundaries



Find address or place





## SB 0528- Climate Solutions Now Act of 2022

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- MDE is required to consult with the CEJSC on various issues including adopting a methodology for identifying communities disproportionately affected by climate impacts
- Defined Underserved Community
  - “Means any census tract in which, according to the most recent U.S. census bureau survey:
    - (I) at least 25% of the residents qualify as low-income;
    - (II) at least 50% of the residents identify as nonwhite; or
    - (III) at least 15% of the residents have limited English proficiency.”





# SB 0528- Climate Solutions Now Act of 2022

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- Defined Overburdened Community
  - “Means any census tract in which three or more of the following environmental health indicators are above the 75th percentile statewide:
    - (I) particulate matter (PM) 2.5;
    - (II) ozone;
    - (III) National Air Toxic Assessment (NATA) diesel PM;
    - (IV) NATA cancer risk;
    - (V) NATA respiratory hazard index;
    - (VI) traffic proximity;
    - (VII) lead paint indicator;
    - (VIII) national priorities list superfund site proximity;
    - (IX) risk management plan facility proximity;
    - (X) hazardous waste proximity;
    - (XI) wastewater discharge indicator;
    - (XII) proximity to a concentrated animal feeding operation (CAFO);
    - (XIII) percent of the population lacking broadband coverage;
    - (XIV) asthma emergency room discharges;
    - (XV) myocardial infarction discharges;
    - (XVI) low-birth-weight infants;
    - (XVII) proximity to emitting power plants;
    - (XVIII) proximity to a toxic release inventory (TRI) facility;
    - (XIX) proximity to a brownfields site;
    - (XX) proximity to mining operations; and
    - (XXI) proximity to a hazardous waste landfill”.



# HB 1200 - Environment Permit Applications Environmental Justice Screening

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- Requires applicants for MDE public notice and participation permits to use a Maryland EJ tool to develop a score in which their permit will be located and report the score in the application.
- Applicant provides score along with project application
- MDE will review the score and post in the public notice.
- Defined EJ Score
  - “Means an overall evaluation of an area's environment and existing environmental justice indicators, as defined by the department in regulation, including:
    - (1) pollution burden exposure;
    - (2) pollution burden environmental effects;
    - (3) sensitive populations; and
    - (4) socioeconomic factors.”
- Effective on October 1, 2022



## Other Relevant 2022 Legislation

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### SB 90 - Department of the Environment - Supplemental Environmental Projects Database

- MDE is required to maintain a database of SEPs to be considered as part of a settlement of an enforcement action
- MDE will prioritize SEPs located in the same geographic area as the alleged violation

### HB 53- Conservation Finance Act

- Requires the CEJSC to make recommendations to MDE to ensure that the Department is advancing the human right to safe, clean, affordable, and accessible water for consumption, cooking, sanitation, health, and recreation.



## Contact Information

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