



Tool Abstracts and Presenter Bios

NJTPA Equity Resources

Abstract: For the last year and a half, the NJTPA has been evaluating and exploring a new Esri platform called ArcGIS Hub. ArcGIS Hub is an easy-to-configure community engagement platform that organizes people, data, and tools through information-driven initiatives. Recently, the NJTPA staff developed an initiative site supporting the agency's work in equity. The site offers guidance and a tool to help NJTPA staff, subregions and partner agencies gain a better understanding of the impacts that plans, programs, and projects may have on underserved residents and communities.

Presenter: Gabrielle Fausel, NJTPA

Bio: Gabrielle Fausel has been working as a Principal Planner in GIS and Planning Tools at the NJTPA for the last ten years. Her work at the NJTPA is primarily on GIS projects ranging from data management to web mapping. She has a bachelor's degree in environmental studies, master's in community planning and certificate in GIS.

NJDEP Potential Lead Exposure Map (PLEM)

Abstract: As a deliverable of its joint Environmental Public Health Tracking (EPHT) CDC grant with the NJ Department of Health, the Department of Environmental Protection's Office of Environmental Public Health and Safety publicly released Phase I of [NJ's Potential Lead Exposure Mapping \(PLEM\) tool](#) during National Lead Poisoning Prevention Week (October 24 – 30, 2021). Since lead-based paint and lead-contaminated dust in older homes are the most common sources of lead exposure in children, PLEM Phase I uses lead paint in NJ's housing as an indicator of child lead exposure. Specifically, the tool allows users to visualize residential parcels categorized by the year of construction (pre-1950, 1951-1978, post-1978), which align to the decreasing probability of the residence to contain lead paint. The tool supports implementation of [P.L. 2021, c.182](#) which requires lead paint inspection on certain NJ residential rental property, including upon tenant turnover, and establishes a lead-based paint hazard education program. Future additions to the tool will look at other common sources of lead exposure such as leaded gasoline or pesticide-contaminated soil.



Presenter: Christine Schell, NJDEP

Bio: Christine Schell manages the New Jersey Department of Environmental Protection's Office of Environmental Public Health and Safety. In partnership with the New Jersey Department of Health, Christine's Office coordinates New Jersey's Environmental Public Health Tracking Program and spearheads the development, implementation, and dissemination of data and outreach tools designed to help integrate public health considerations into local and state decision making, planning, and the implementation of meaningful actions. In addition, Christine's team is actively involved in the development of rules to implement the State's first Environmental Justice Law and in efforts to link public health considerations into climate resilience planning.

A 30-year veteran of the Department of Environmental Protection, Christine previously worked in varying capacities for the Department's Air and Climate Programs, including management, program development, rule writing, planning, and outreach. Christine has a bachelor's degree in environmental science and a master's in public administration, both from Rutgers University, and is a Certified Public Manager and member of the Pi Alpha Alpha National Honor Society for Public Administration.

City of Tacoma's Equity Index

Abstract: The Equity Index is an interactive tool that visually highlights disparities in Tacoma, Washington. It uses 29 data points sorted into five determinant categories to determine where community members are not able to access services or where services do not meet community needs.

Presenters: Jacques Colon and Bucoda Warren, City of Tacoma

Bios: Jacques Colon, Strategic Manager

After teaching Middle School science in Miami, Florida, Jacques went on to get his master's in environmental sciences and policy in Washington, DC. He then worked in Washington, DC as a climate change policy analyst with a focus on health inequities for the National Association of County and City Health Officials.



Since moving to the Northwest, Jacques has consulted for Front and Centered on the impacts of climate change on communities of color, worked for the Tacoma-Pierce County Health Department as Health Equity Coordinator, and now serves as the 2025 Strategic Manager for the City of Tacoma. Jacques currently manages initiatives including the Tacoma Anchor Network, the Tacoma Equity Index, Tacoma’s Affordable Housing Action Strategy, and is facilitating the development of biannual City Council Priorities.

Bucoda Warren, Chief Policy Analyst to the Mayor

Bucoda Warren is the Chief Policy Analyst to the Mayor for the City of Tacoma, Washington. He is responsible for providing direct executive level support to the mayor, advising the mayor of current issues, and providing responsive research and analysis in support of decision making. He brings a strategic outlook and equitable analysis to his support to ensure the office is empowered to do all it can. Prior to this role, he served as Strategic Initiatives Coordinator at Tacoma where he managed the day-to-day implementation of the city’s Equity Index including the expansion to the local county, improvement and refinement of data, and increasing staff and community usage of the tool.