

Mapping Tools to Support Environmental Justice Analysis
Thursday, 10:00-10:55 a.m.
Atrium Ballroom

Mary Williams, Moderator

Reico Robichaux, Presenter

Reico is a Creative Director at The Applied Visual, a design and marketing company working with the Deep South Center for Environmental Justice in New Orleans. He graduated college cum laude from American Intercontinental University, Buckhead campus, with a Bachelor of Fine Arts in graphic design, visual communications, with a minor in Photography. He served four years in the United States Marine Corps as a Data Network Systems Specialist and Defense Message System Operator. While in service, Reico assisted in developing the SharePoint web user interface design guide for over 400 active units globally. Since his service in the Marine Corps, Reico started a design and marketing company called The Applied Visual. Here, Reico provides graphic/web design, marketing, and consulting services to small to enterprise level companies.

Jacob Lesser, Presenter

Jacob recently graduated from Western Washington University with an M.S. in Geography where he also served as staff of the Huxley Spatial Institute. Jacob's thesis research was the development and analysis of a machine learning change detection tool that can be used to detect disturbances across the United States from standard Landsat imagery. Since graduating, he has started a Seattle based application and web mapping development firm, Prusik Mapping. Prusik Mapping has developed applications for the environment and mental health fields. Projects have included maps of North American oil train routes and potential blast zones, impacts of sea level rise in Micronesia, flooding potential due to levee failures in low-lying areas, as well as the Toxic Trends map displaying RSEI point source emission data across the United States. Many of the web maps Jacob has built through the Spatial Institute and Prusik Mapping have gained national attention and have been featured in hundreds of news articles across the country.

Vanessa Galaviz, Presenter

Dr. Galaviz is an Associate Public Health Scientist in the Office of the Secretary at the California Environmental Protection Agency (CalEPA). She currently works with the CalEPA Assistant Secretary for Environmental Justice and Tribal Affairs and the Deputy Secretary for Science and Health on various public health issues of concern for environmental justice communities to prioritize science-policy efforts. She is an exposure assessment scientist with ten years of experience in multiple aspects of the environmental public health field, including industrial hygiene/exposure assessment,

genetic and molecular susceptibility to environmental pollutants, cumulative impacts, community-based participatory research, environmental justice, and air pollution.

Yi Wang, Presenter