

Dr. Vivek Shandas is a Professor in the Toulan School of Urban Studies and Planning at Portland State University. He has a Bachelor's degree in Biology from the University of California, two Master's degrees in Economics and Environmental Policy from Rensselaer Polytechnic Institute, and Ph.D. in Urban Ecology from the University of Washington. Dr. Shandas is an interdisciplinary scholar whose expertise is in climate change, urban heat and health, environmental justice, air quality management, green infrastructure, and spatial mapping.

He brings a broad understanding of policy, planning, and environmental assessments along with deep knowledge about the intersection of race, class, and privilege in addressing systemic inequities. He has been principal or co-principal investigator for over 20 externally sponsored research projects totalling over \$20M, and has published over 70 peer-reviewed articles, 50 conference papers, technical reports, a dozen technical reports, and four books. Dr. Shandas' funding partners include the US Environmental Protection Agency, National Science Foundation, National Oceanic and Atmospheric Administration, Forest Service, Energy Trust of Oregon, Robert Wood Johnson Foundation, and the Bullitt Foundation.

All of his projects examine the relationship between the built environment, including open space, forests, and agricultural lands, and policies that mediate exposure to environmental insults. Dr. Shandas' focus on climate equity involves direct engagement with historically marginalized communities in describing local stressors, and effective approaches to improve accessibility to decision making systems (i.e. procedural, institutional, etc.).

Dr. Shandas' interest is in identifying the mechanisms for addressing the coping capacity of communities to environmental stressors. His research has received international acclaim by illustrating that historic planning policies are exacerbating present-day and future climate-induced stressors, including urban heat, air quality, and pluvial flooding.

He currently serves on State of Oregon's Health Authority's Environmental Health Tracking Committee, Department of Land Conservation and Development Climate Equity Planning (Governor's Executive Order), Regional Bond Oversight Committee (Metro), and as Chair for the City of Portland's Urban Forestry Commission, which provides a direct mechanism for informing policies and plans with the most relevant data, analytics, and evaluation of potential environmental justice impacts.