

BIODIVERSITY IN OUR NEIGHBORHOOD — THE OAKWELL SERIES
CENTER FOR BIODIVERSITY AND ECOSYSTEM STEWARDSHIP
VILLANOVA UNIVERSITY

An Overview of Air Quality in the Greater Philadelphia Region
Wednesday, 16 August 2023, 7:00 PM via Zoom

Dr. Kabindra Shakya (website: <http://homepage.villanova.edu/kabindra.shakya>) is an environmental scientist whose main research interests are in environmental pollution and environmental justice issues. Since starting a faculty position at Villanova University in 2016, his research group has published several papers analyzing air pollution in the Philadelphia region and underground subways. Recently, his lab published work on soil contamination in community gardens across Philadelphia and Pittsburgh. Dr. Shakya received his Ph.D. from Rice University, Houston, Texas. Before joining Villanova, he completed his postdoctoral work in environmental health science department at the University of Massachusetts, Amherst. He has published 30 peer-reviewed scientific articles and has received funding from the National Science Foundation, National Institutes of Health, and Pennsylvania Department of Environmental Protection. He teaches air quality, environmental pollution, environmental chemistry courses in the department of Geography and the Environment, and a cross-college course on indoor air quality and human health at Villanova University. He has served as a reviewer of scientific manuscripts in 28 scientific journals and a reviewer of grants at the National Science Foundation and the National Institutes of Health. Interesting fact: Dr. Shakya published the work assessing the efficacy of cloth masks in 2016, prior to covid-19.

