



Partnership for
Action Learning
in Sustainability

By the Numbers

19 Colleges and Schools
across the University of Maryland



"The final products were very impressive and well thought out. It's something we would have seen from a consultant."

Dawn Thomas
Director of Anne Arundel County
Parks and Recreation

2,796

Students

have participated in PALS
projects since 2014



402

Projects

developed around
partner challenges



70

Counties, cities and
community partnerships
throughout Maryland



- Maryland Department of Natural Resources
- Maryland Department of Planning
- Maryland Department of Housing and Community Development
- Maryland-National Capital Park and Planning Commission (M-NCPPC)

"The PALS program continues to be a great partnership for us."

Steve Carter
Deputy Director Facility Operations
Maryland-National Capital Park and
Planning Commission

\$
1,537,885

brought into the University

since 2014

Partnership for Action Learning in Sustainability

Our Mission

The Partnership for Action Learning in Sustainability (PALS) at the University of Maryland pairs faculty expertise with student ingenuity to tackle sustainability issues facing Maryland communities. Partnering with local, county, and statewide Maryland agencies and jurisdictions, PALS creates customized coursework to target specific economic, environmental and social sustainability challenges identified by the partner community. The collaborative university-community partnership delivers recommendations, strategies and tools to address a community's most pressing challenges, providing a road map for creating sustainable, thriving places to live, work and play.

Our Projects

Since 2014, PALS has directed over 402 customized courses towards site-specific projects across the state, addressing issues of capacity building, economic and community development, environmental sustainability, health and wellness, and social resilience. Sample projects include:

- Hydroponic aquaponic urban agriculture system for empty industrial and commercial space (Prince George's County)
- Online dashboard to pinpoint dangerous intersections and track vehicular fatalities (Prince George's County)
- Safe and Functional Outdoor Spaces for Suitland Schools (Prince George's County)
- Redlining history in Prince George's County (Prince George's County)
- Supporting Small-Scale Industrial Production (Prince George's County)
- 17-mile extension of the East Coast Greenway (Prince George's County)
- Strategies to end homelessness within the county (Howard County)
- Mapping emergency services hot spots (Anne Arundel County)
- Odenton Town Center Park Design (Anne Arundel County)
- Redesign of Lake Kittamaquundi (Columbia Association)
- Solutions for algae overgrowth in Carroll Creek (Frederick County)
- Waterfront designs that protect against storm surges (Annapolis)
- Improved safety, walkability and bike infrastructure along the Purple Line (Montgomery County)
- Stormwater management maintenance manual (M-NCPPC)
- Downtown flooding-walkability master plan (Salisbury)



For more information, contact:
www.umdsmartgrowth.org/PALS