

Project Opportunity	Project Description	Cost Range	Partners	Timeline of Implementaiton	Potential Funding Source	Is this a linked action? Dependent on solutions	Outputs/Outcomes	Benefits to Community
1 FEMA Employment Opportunities	Disaster Declaration - local hire and reservist program	N/A	Individual Initiative and Outreach, USAJOBS, State, FS Urban Forest Strike Team, Greening Youth	Intermittant, Disaster Restoration	FEMA	Dependant on a Disaster	Jobs	Jobs
2 Pollinator Gardens	Bees, Policies against neonicotinoids	\$0-\$5000	City of Atlanta, COA Urban Agriculture Team, FWS, HUD		Grant Funding			
3 Green Infrastructure/ Water Efficiency Team	Training Community members to construct residential-based green infrastructure BMP's (Rain gardens, rain barrel installation, downspout redirection programs and to perform indoor water use assessments and to replace showerheads, faucet aerators, and toilets	\$40,000	Division of Watershed Management, Department of Resiliency, West Atlanta Watershed Alliance, WATER communities,FS, EPA Water Sense, FEMA, Southface, Care and conserve		American Rivers, Conservation Fund, COA, DWM		Training April 22-26, funding from Enterprise, Transformation Alliance working with SF and is ongoing.	Manage and mitigate stormwater flooding, outreach and education
4 Composting Education in Schools	outreach via DWM and Office of Resilience Recycling Team	\$5,000	Potentially Food Well Alliance, EPA TFW	check with APS on status	Grants, City funds	Education could be addressed via partnership with Office of Resilience, DWM Outreach arm, Food Well Alliance, local worm composters. Recommend worm compost bins for schools.		
5 EDA - Economic Development Intergration (EDI)	leveraging federal partnerships to accomplish multi-factor projects	depends on project needs	as many as needed	depends on project need	EDA, other federal partnerships	dependent on community indentifying need and potential project; dependent on communicating with EDA and utilizing the contacts EDA has established with other agencies; purpose of EDU - to streamline economic development process for communities (instead of independently applying to different agencies for economic development funding, utilize the connections of EDI and EDA for smoother, more collaborative effort)		
6 EDA - grant opportunities	grants to create jobs and bring in private investments	depends on project needs	the more collaboration, the better	90 - 120 days from application to award	EDA	local government or non-profit; identifying a need and potential project		
7 EDA - The Russell Center for Innovation and Entrepreneurship	business incubator to match assets with needs of entrepreneurs, resiliency	\$3 million from EDA	regionally collaborated	completed	EDA, others	action has been completed, but much more can be done still in the community utilizing the Russell Center and EDA experience and connections		
8 HUD Housing Counseling Agencies	provide counseling to residents on homeownership; provide counseling to residents on predatory loans/lending and safeguards to retaining property; provide counseling to renters on landlord-tenant issues	HUD providers	Neighborworks, Urban League, Metro Fair Housing, others	60 - 90 days	HUD	Agencies willingness to expand services to neighborhoods		
9 Legal Services - GA Heirs Property Center	Assist homeowners in developing wills and trusts	free or minimal	Bar Associations, Legal Aid	immediately	Volunteers - GA Home Property Center	Bar participation; identifying and cooperation of homeowners		
10 PC Heritage Trail (Long Term)	Acquisition and development of Cultural/Heritage Trail through culturally important places in watershed, Application from the City or Statefor Rivers, Trails, Conservation Assistance		US parks, community, Clark Atlanta University, TPL, (Chris Abbott), FEMA	future (near)	Park service, forest service	YCS Acquisition, mapping Interpretation Design; look for funding from a historic district from the State of GA	TPL closed on the purchase of the MLK home. Follow up with TPL on the land acquisition.	
11 Greenspace and State Hazard Mitigation Office	connect with SHMO as a resource for land acquisition		GEMA, FEMA, FS	future (longterm)	SHPO, NRHP or CLGS,Hazard Mitigation Grants	No GEMA/FEMA can do independently; city needs to get on disaster management plan; future greenspace/housing solution for the watershed; mitigation pots needs to become available; then on to Fulton County Emergency Management, local planning to determine repeditive flooding loss	Fulton County has to be in the County Emergency Response Plan and properties must be part of the plan.	
13 Ecological Framework	Using public-domain software (i-Tree Eco and Hydro), USFS has estimated environmental services provided to the Proctor Creek Watershed by the urban forest including energy conservation, stormwater runoff avoidance, air quality benefits, carbon storage, sequestration, and avoidance, as well as replacement costs	\$0	USFS, USFW, EPA	Completed		CDE and USFW ; yes integrate carious studies EPA fish tissue; USACE and USFS to access current ecological health and develop restoration BMPs to create habitat	Spatially located environmental services data through i-Tree Eco; calibrated streamflow data based on tree canopy cover and impervious surface cover	data from these projects can help other partners formulate a comprehensive plan to assess current ecological health and develop restoration BMPs to create desirable habitat
14 Migratory Bird Corridor FWS	Acquisition of Contiguous Parcels for a Migratory Bird Corridor		FWS, 5 Star,Audubon Society, EPA	Completed				
19 Conservation Fund Parks with Purpose	Building GI Greenspaces		50 partners	Ongoing	COA, Foundations			
20 Educational Environmental Signage	Watershed, urban forest pollinator GI signs throughout tranportation corridors and neighborhoods		DOT, USDA, CF, HUD	no funder has committed...seeking funders		Yes, it is linked with funding sign design and prining coordination; then we need an installation plan		

21	Trash Free Waters inclusive of Composting and Recycling	EPA's TFW program provides for outreach, education, technical assistance, funding for litter and tire reduction in the water bodies; the Proctor Creek TFW's initiative is divided into 2 parts; tire dumping elimination and installing trash traps in Proctor Creek; includes litter trash education, partner collaboration, enforcement actions, plans and location specs for installation and maintenance of trash traps (bandalong technology); it is a Water Quality Initiative that would include flood management, stormwater management, non-profit source identification and reduction, SSO reduction. Composting and recycling programs being implemented	Trash Traps Programs - initial expense including maintenance, \$150,000; Tires Program - Training/Employment of Citizens Tire and Litter Pickups (includes Health/Safety assessments), \$300,000	EPA, COA, GA Aquarium, Coca Cola, Community, CIA, Groundworks Atlanta	Complete 12/2020. CoA DWM and	EPA, COA, GA Aquarium	No linked action	Water Quality Improvements due to increased trash collection. Reduction in illegal tire dumping, State regulation and CoA plan implementation and enforcement. Changed behaviors towards trash = less trash.	Improved water quality in the creek, reduction of trash in the neighborhoods, jobs, enforcement of tire dumping regulations
37	Mosquito and Vermin Identification and Warning; Emergency Management Plan for Mosquito/Pandemic Fine Hazard	Combined with the Trash Free Program and is an ongoing programs are less connected to federal mitigation and emergency planning support; have academic/CDC/HHS researchers collaborate on input into local emergency planning for mosquito and disease related risks; notification process and systems are the outcome along with locally funded management systems	\$1 million	GEMA, FEMA, HHS, EPA	2 years	HHS, Homeland Security	Yes - alignment among health and homeland security at local and federal levels		
22	Creation of CDFI (Community Development Finance Institution)	create a CDFI extension with CDFI's already in existence in the Atlanta Area to assist the Proctor Creek Community in accessing funding resources for resiliency activities and community development		Treasury, Rockefeller, EDA, COA, EPA (UWFP)	1 - 2 years	US Treasury, Rockefeller Foundation, FHWP	no linked action		
23	Individual Stakeholders Stormwater Mitigation Projects	Creation of Individual Stakeholder Stormwater Mitigation Projects for the Headwaters of Proctor Creek	\$100,000	Headwaters Stakeholders, GSA, EPA, Mercedes Benz Stadium, Turner (Rutherford Seydel), GWCC, GSA, Arthur Blank Foundation, COA, Community	1 year	EPA, individual stakeholders	linked to COA DWM projects, GSA Water Efficiency Study, buy in of other principals		
24	Develop Monitoring Plan for Proctor Creek Citizens and Community Science Initiative	Develop a monitoring plan for Proctor Creek to provide Water Quality Data to the COA and the State of GA by collecting baseline dry weather and wet weather data and fish tissue data; the information will be used to clean up the creek, while also providing advisory information for the residents about the fishlife in the creek; the plan will also show what bacteria, nutrient levels are so that the COA and teh State will have the information to determine how to clean up the creek and to remove it from the 303D List for Bacteria (E coli); create a Citizen Science Team to continue monitoring and sampling of the creek; provide outreach and education that can lead to employment opportunities; outreach through citizens science monitoring training, annual Rendezvous .	\$150,000	EPA, FWS, WAWA, CRK, COA, GAEPD, ACE, USGS, Ga Tech, University of Georgia, Community Improvement, American Rivers, Groundwork Atlanta, MAUVI	Complete	EPA, USGS	Citizens Science is linked to the Monitoring Plan Project for training, funding, coordination and outreach	Creation of a Monitoring Plan to be used by the State of Georgia and the City of Atlanta, to improve the water quality of Proctor Creek. Jobs created for residents trained via the Citizens Science projects to conduct sampling and assessment work, education and outreach opportunities.	
26	Proctor Creek/Urban Pollinators	develop a butterfly/bee garden; tie to school for an educational purpose, work with the Conservation Fund and The Atlanta Botanical Gardend , tie work waling the Creek to strengthen the local ecology (animals and plants), could also tie to Brown Bat habitat development	unknown	EDA,EPA, Conservation Fund, Botanical Gardens, Forestry Service	1 year	working with Park Pride and Conservation Fund	develop a butterfly/bee garden; tie to school for an educational purpose, work with the Conservation Fund and The Atlanta Botanical Gardend , tie work waling the Creek to strengthen the local ecology (animals and plants), could also tie to Brown Bat habitat development	Environmental (designating a location and regular maintenance)	
28	Riverwalk	Parks with purpose projects/greenspaces; a separate project along the Chattahoochee River, a connection to the Proctor Creek Corridor, a development of trails and greenspace along the river, increases an awareness of the connection of Proctor Creek to the Chattahoochee	unknown	City of Atlanta, Groundwork Atlanta, EPA, Trust for Public Land, Conservation Fund	1, 3, and 5 years	unknown			

30	i-Tree Suite/Economic Development Incentives for Sustainable Development	Urban forestry analysis and Ecosystem benefits assessment tools; improve forest management and advocacy effects; Tools: i-tree Eco - provide broad picture of the entire forest, i-Tree Landscape - allows to explore geospatial data from an area, i-Tree Hydro - simulate the effects of changed in the tree cover characteristics with the watershed on streamflow and water quality, i-Tree Canopy - provide quick and wasy way to provide a statistically valid estimate of the canopy/land cover types, i-Tree Species - help urban forests select teh most appropriate tree species base on environmental functions and geographic area	\$20K ATL Brwnflds Grant and EPA tech assistanc	USFS	Complete	FS	none	Written report outlining estimated economic and environmental benefits to the watershed. On-line data availability through Georgia Tech's Civic Data web portal (http://civicdata.lmc.gatech.edu/), Calibrated watershed using i-Tree Hydro ready for change scenarios to estimate hydrological benefits of the urban forest in Proctor Creek. Recommendations for collaboration with other federal partners will be included	Provides information to community and developers regarding the benefits that the urban forest is providing to the residents. Allows community to make informed decisions about future development and trade-offs that come with it.
33	Cultural Resource and Historic Landscape Protections	GA State Historic Preservation Office grants; Historic Preservation Fund, Georgia Heritage grant	DOI, NPS, State of Georgia, FEMA-Listing on the National Register	Community and SHPO DOI, NPS, FEMA	ongoing	GA SHPO	Environment and Social Equity		
34	Hazard Mitigation Plan	Watershed planning would identify flood impacts/assessments and would be coordinated with City, County, and State Hazard Mitigation plans and the State Hazard Mitigation Officer for potential Hazard Mitigation Grant Program funding. There could also be potential educational opportunities with local and state outreach for flood risk reduction, including mitigating repetitive flood losses	unknown	Community, City of Atlanta, Fulton County Emergency Management, Georgia Emergency Management, FEMA	Complete	FEMA Mitigation	Environment, communication		
35	Urban Ecology Study Update Biotics (T&E) Study	Update baseline data for wildlife resources within Proctor Creek watershed; connect local community to backyard wildlife through active (community events) and passive (signage) means; form partnerships and employment opportunities with PC's neighboring universities (Georgia Tech, Atlanta University Center,) Recruit species study data on instream and terrestrial	ACE-\$25,000	USACE, FWS, GT, AUC, WAWA, USFS (mapping i-Tree)); follow school calendar, work within volunteer and safety guidelines, IBI State guidelines	Summer/Fall 2018 complete	FWCA, FWS, GT-secured grant (potential)	potential connection to FWS Urban refuge initiative	Spatially located environmental services data through i-Tree Eco; On-line data availability through Georgia Tech's Civic Data web portal (http://civicdata.lmc.gatech.edu/); urban forest structure analysis for wildlife resources	GT serve-learn-sustain program provides information regarding basic wildlife resources for food and shelter
36	Ecological Framework Habitat Implementation for Healthy Habitat and Healthy Communities (Long Term)	utilize ecological framework and i-Tree to address habitat needs; an Ecological Framework Habitat Implementation for Healthy Habitat and Healthy Communities allows for additional habitat acquisition/flood mitigation acquisition in Proctor Creek Basin and Chattahoochee River; these acquisitions may be identified in the Proctor Creek North Ave Study or in other city/county/community plans; coordination of federal and state agencies may be led by Southwest Natural Resources Leadership Group (SNRLG); acquisitions are prioritized by habitat needs and flood mitigation opportunities; these properties/acquisitions may be used in the community citizen science and related projects		SNRLG, FHWA FWS	20 years	FHWA, F&W, USFS	identification of crititcal species, stream habitat improvement, involvement/identification of nationally significant flyway (birds) and fish species	Spatially located environmental services data through i-Tree Eco; On-line data availability through Georgia Tech's Civic Data web portal (http://civicdata.lmc.gatech.edu/); urban forest structure analysis for wildlife resources	
38	Health Impact Assessment (watershed level); Green infrastructure incentives for economic development Environmental Health	Invest Atlanta can design economic development incentives for installation of GI that supports flood mitigation; the installation plans becomes the incentives for development; GAPS that must be addressed included geographic sensitivity areas - where are parking lots a problem? where are tree canopy or other habitat needed? Incentives could be listed: parking lot removal/modification to permeable pavement; tree canopy preservation/tree planting; green roof or green cover; walkable development; expand elementary/high school campus with tree stants Emory University Assessments and Access to Healthcare	\$200,000 \$10,000	local economic development must link with federal partners to address Emory and Community Partners	scheduled to complete 12/31/2019 Short Term/Current	USEPA, USFS Hercules Funding	TBD Yes, linked to Proctor Creek HIA	Report on location of potential sights for GI installation that provides health benefits to the community. StoryMap that provides informational resources on GI installation, Health benefits, how to access resources and technical assistance, medical information, local and state resources, incentives for development creation of healthy community	enhanced physical, mental, and emotional well-being in human populations
39	Boone Park West	Green Infrastructure park that includes significant community enganement, citizen science opportunities, workforce training and employment for residents	\$3.5 million	30 partners	groundbreaking winter 2017 - complete Summer 2019	Multiple funders - National Parks and Recreation, Uhaul, SunTrust Bank, PNC Bank, City of Atlanta and EPA among others	currently moving forward		

40	Boone to Beltline Greenway	16 acre greenway to connect Boone Green Street to Atlanta Beltline; would reconstruct wetlands and include stream restoration	\$5 - 10 million	Same partners as Boone Park West which is Phase I of this larger greenway project	Implementation stage to complete	Funding Partners would include City and Federal partners, philanthropic and corporate partners	Boone Park West is Phase I of this Boone to Beltline project; successful completion of BPW will provide momentum to move Greenway forward		
41	Atlanta Watershed Learning Network	the goal of this is to create a green infrastructure advocacy training program that includes both Proctor and Intrenchment Creek residents	\$40,000	Partners include Conservation Fund, American Rivers, Eco-Action, West Atlanta Watershed Alliance and Park Pride, DWM, EPA, CoA	Implementation stage to complete 2020	Conservation Fund, Park Pride, American Rivers, EcoAction, WAWA, CoA Mayors Office of Resilience and Dept Watershed Management, EPA	None - moving forward		
42	Atlanta Urban Ecology Resource Center (AUERC) (Long Term)	Developing an Atlanta Urban Ecology Resource Center that would house educational programs related to urban ecology	\$5 - 20 million-ish	current partners - Community Improvement Association, WAWA, Conservation Fund, Park Pride, Eco-Action	5 - 10 year project; currently have funding for feasibility study; also working to develop programming such as the Atlanta Watershed Learning Network that could be housed at AUERC	current funding for feasibility study from Invest Atlanta. Looking for EPA Brownfields funding. Land clearance	devising a plan to see what programming can look like. Considering a Children in Nature Grant. In continuing conversations with Brownfield.		
44	STEW MAP ATLANTA	This project examines connections among environmental stewardship groups across the city to understand better how these community-based groups contribute to the creation and maintenance of urban green spaces and other ecosystem services in Atlanta. Very important to this effort is understanding how organic stewardship groups with no national affiliation are linked to mainstream environmental groups operating in the city.		USDA Forest Service, University of Georgia	2-5 years		social network analysis of linkages among stewardship groups in Atlanta		Much of the work could be accomplished by enlisting community members to identify urban stewardship programs. This would be a type of citizen science involvement. If funds are available, community members may be paid stipends. Also,
	Boone Blvd GI & Capacity Relief	Green Infrastructure will be constructed along Boone Blvd from Northside Dr. to Mayson Turner (1.2) miles. Project will improve street drainage, providing capacity relief and water quality improvements in the North avenue Combined Sewer Basin with linear stormwater infiltration planters, dedicated bike lanes will provide connectivity from downtown to the future westside beltline. Excess flows above what the GI can manage is directed to the Cook Park Pond. Collection of innovative stormwater practices designed to redirect surface runoff away from the combined sewer system	\$8M	Invest Atlanta Path Foundation City of Atlanta GAEPD, EPA	Substantially complete.	Invest Atl, EPA, Path Foundation, EPD, CoA	Project will improve street drainage, providing capacity relief		capacity relief and water quality improvements in the North and Health Impact Improvements and health impact improvements
	Upper Proctor Creek Capacity Relief Rodney cook, Sr. Park in Historic Vine City	The project is a multi-phased effort to reduce flooding and combined sewer flows in the surrounding area The components of the project will be a wet pond, GI bioention, stormwater planters, rainwater harvesting cisterns, and soil restoration. Aerating water features, separated storm drain, pipelines, new sidewalks, and roadway improvements	\$50.5M	CoA (DWM), Trust for Public Lands, National Monuments Foundation	groundbreaking winter 2017 - com	CoA, TPL, NMF,	Reduce Flooding, Green Infrastructure, Health, separated sewer systems, Beautiful Park,		Community Park, water features, concert area, quiet areas
	Proctor Creek Greenway PATH Project	Project includes 1200 IF of Proctor Creek buffer restoration/rovegetation adjacent to Bankhead Marta Station, \$3M in TSPLOST revenue will be used to build the first segment of trail to the Chattahoochee River and link to the Atlanta Beltline	\$3M	CoA, Proctor Creek Stewardship Council, Path Foundation, Atlanta Beltline, TPL, Emerald Corridor Foundation	Completion April 2018	TSPLOST	secondary funding; completed the first phase, current	Link Atlanta Beltline to the Chattahoochee River via trails	Access to the Chattahoochee, restoration, GI, greenspace fitted with chairs and benches and signage
	Army Corps of Engineers Proctor Creek Aquatic Ecosystem Restoration Plan	Includes restoration of sections of the lower and middle Proctor Creek And select sections on the Terrell Creek Tributary and the Grove Park Tributary. Includes bank stabilization, bank protection, daylighting the creek in select places, invasive species removal, riparians plantings of native species, detention feature to assist with reduced flashiness.	\$8.8M	WS, FS, DOI, EPA, WAWA, UWFP, PCSC, Invest Atlanta, Park Pride, Westside Communities Alliance	Spring 2018	ACE-Congressional Support and City of Atlanta. Approved for funding by Congress. Search for contractors who will hire from communities.	Integrated Water Resources Management Plan	Improved Water Quality, Reduced flooding in select neighborhoods, daylighting of the creek for aesthetic purposes..	
	ACE Flood Mitigation Study	Update Flood Plain Maps Determine if Flood zone is present	100,000	ACE, CoA, EPA PSCS, WAWA	planning and community engagement stages	Congressional Appropriation	Published ways to mitigate flooding		updated flood maps
	Gun Club Park.	Phase 1 and 2 Brownfield Cleanup	TBD	TPL, EPA, Groundwork Atlanta, PCSC	Planning 2019 Brownfield assessment	EPA Brownfields, CoA,	Clean up and revitalize landfill		Lands will be usable for revitalization efforts for the community.