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| **Adam Philip Eaton**3433 W. Dallas St., Apt. 927 Houston, TX 77019 ▪ 231 425 0174 ▪ eaton.ap@gmail.com ▪ [My LinkedIn Profile](https://www.linkedin.com/in/adampeaton/)  |
| **WORK EXPERIENCE** |
| November 2019 – Present | **Houston Public Works, City of Houston, Houston, Texas*****Engineer, Infrastructure Planning and Prioritization**** Review and evaluate proposed state and federal policy documents and plans to determine impacts to municipalities, and provide input on concerns or suggested modifications to proposed rules, processes, and administrative requirements
* Develop and produce documentation required to implement intergovernmental and interagency agreements
* Perform grant management tasks, from developing grant funding applications through award acceptance, including tasks necessary to maintain compliance with federal rules and requirements
* Serve as the project manager for major flood mitigation infrastructure projects funded under the Hazard Mitigation Grant Program
* Strategize implementation of flood mitigation and stormwater drainage infrastructure improvements projects
* Conduct research to incorporate and implement resiliency and sustainability strategies, including green infrastructure and Low Impact Development, into local flood mitigation and stormwater drainage infrastructure projects
* Collaborate with other Departments within Houston Public Works and the City of Houston government to perform comprehensive and multi-disciplinary analyses of local drainage projects
* Coordinate with external stakeholders, including other local agencies as well as state and federal agencies and the public, to evaluate impacts of local drainage projects on county-wide and river basin-wide flood control and mitigation strategies
* Participate in the Green Infrastructure Coordination initiative in cooperation with the Mayor’s Offices of Resilience and Recovery and other City departments to advance green infrastructure strategies and initiatives to meet the goals established in the *Resilient Houston* plan
* Represent Houston Public Works at public hearings, outreach and education meetings, and community forums
* Review and analyze existing processes and develop process improvements, including new process documents, for the scoping, design, and delivery of local drainage improvement projects
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| June 2019 – November 2019 | **A-1 Personnel, Inc., Houston, Texas*****Engineer****Temporary employee position with Houston Public Works; see position accomplishments above.* |
| May 2018 – July 2018 | **Renewable Energy and Energy Efficiency Partnership, Vienna, Austria*****Summer Intern**** Conducted research on improved cook stove (ICS) projects in Zambia to support project development and marketing for call for proposals
* Supported reporting of the Private Financing Advisory Network (PFAN) through population data collection and analysis for 60 developing countries
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| January 2014 – August 2017 | **CDM Smith Inc., Houston, Texas** ***Environmental Engineer*** * Developed construction plans and specifications for municipal and industrial wastewater treatment improvement projects, including primary treatment, secondary treatment, and disinfection
* Evaluated wastewater treatment plant facilities and processes to improve process performance and lower electricity and maintenance costs
* Analyzed potential routes for water transmission pipelines to determine the location that minimized both environmental impact and overall construction cost
* Coordinated with state and federal agencies for permitting of facility work and pipeline routing
* Performed project management tasks including personnel management, schedule and budget preparation and management, and client service
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| June 2013 – August 2013 | **Texas Commission on Environmental Quality, Austin, Texas*****Mickey Leland Environmental Intern*** * Conducted research on principles and issues relating to aquifer storage and recovery (ASR)
* Examined and analyzed current ASR regulatory structure in Texas as well as other states
* Evaluated current and historic ASR operations in Texas to assess the potential for future implementation consideration
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| May 2011 – August 2012 | **SAIC, Grand Rapids, Michigan** ***Field Engineer*** * Evaluated communication systems being incorporated into existing networks for safety and system integrity, in accordance with National Electrical Safety Code (NESC) and local utility standards
* Performed engineering analyses of existing system infrastructure for integrity and improvement
* Worked with engineers and project managers to develop new processes to adapt to customers’ emerging needs
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| **CERTIFICATIONS** |
| Licensed Professional Engineer, State of Texas. P.E. No. 127128 |
| Envision Sustainability Professional, Institute for Sustainable Infrastructure |
| **SOFTWARE SKILLS** |
| ArcGIS, AutoCAD, MathCAD, Microsoft Office Suite (Access, Excel, Project, PowerPoint, Word), Stata 15 |
| **PROFESSIONAL AFFILIATIONS, LEADERSHIP, VOLUNTEER AND PUBLIC SERVICE** |
| **American Society of Civil Engineers** |
| 2011 – 2015, 2017 – Present | *Member* |
| **American Society of Civil Engineers Infrastructure Resilience Division** |
| 2020 – present2020 – present | *Member, Disaster Response and Recovery Committee – Response Capabilities**Member, Social Science, Policy, Economics, Education and Decision Committee* |
| **Environmental Law Institute** |
| 2020 – Present | *Member, Emerging Leader Initiative* |
| **Water Environment Association of Texas Southeast Texas Section** |
| 2018 – 20192015 – 20182015 – 20162014 – 2019 | *Section Representative**Water For People Committee Chair* *Young Professionals Committee Co-Chair**Member*  |
| **Water Environment Federation** |
| 2014 – 2019  | *Member* |
| **Water For People Texas Chapter** |
| 2015 – 2018 | *Houston Champion* |
| **LANGUAGES** |
| English – Native language |
| German – Limited knowledge/beginner |
| Spanish – Limited knowledge/beginner |
| **EDUCATION** |
| May 2019 | **Bush School of Government and Public Service at Texas A&M University, College Station, Texas** Master of Public Service and AdministrationDean’s Leadership CertificateMedal of Excellence |
|  | **Capstone Project: Comprehensive U.S. Cyber Framework** An evaluation of current cyber response frameworks to identify capabilities and limitations of local, state and federal authorities and private industry in addressing cyberattacks, and to determine an appropriate comprehensive framework for cyber incident response, including defining the scope and limitations of Department of Defense capabilities for operating in U.S. internet protocol space. |
|  | **Leadership, Volunteer and Public Service:*** Graduate and Professional Student Council,MPSA Representative
* Public Service Organization, Relay for Life Team – Team Lead
* Student Government Association, MPSA Class of 2019 Representative
* Student Affairs Fee Advisory Board, Member
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|  | **Highlighted Coursework:**Environmental Law and Policy, Grant and Project Management, International Energy and Security Policy, Law and Policy in Cybersecurity, Policy Analysis, Public Finance, Quantitative Methods, Science and Technology Policy, Water Policy and Management  |
| December 2013 | **Texas A&M University, College Station, Texas** Master of Engineering in Civil (Environmental) EngineeringTexas A&M/NSF WATER Scholar |
|  | **Highlighted Coursework:**Civil Engineering Applications of GIS, Ecological Restoration of Wetland and Riparian Systems, Environmental Impact Analysis for Renewable Natural Resources, Groundwater Engineering, Water Resources Engineering Planning and Management |
| December 2010 | **The Lee Honors College at Western Michigan University, Kalamazoo, Michigan** Bachelor of Science in Civil Engineering WMU Honors ScholarDean’s List: Fall 2009, Spring 2010, Fall 2010 |
|  | **Leadership, Volunteer and Public Service:*** American Society of Civil Engineers Student Chapter, Public Relations & Outreach Chair
* American Society of Civil Engineers Student Chapter, Member
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| **SELECTED PUBLICATIONS AND PRESENTATIONS** |
| Eaton, A., S. Stewart, L. Levine, C. Hennagir. “Peracetic Acid Disinfection for Industrial Wastewater Treatment – Washburn Tunnel Case Study” *Proceedings of WEFTEC 2017.* Chicago, Illinois September 2017. Coauthor. |
| Eaton, A., S. Stewart, L. Levine, C. Hennagir. “The First Peracetic Acid Disinfection System in Texas – Up and Running!” *Proceedings of Texas Water 2017.* Austin, Texas April 2017. Coauthor. |
| Eaton, A., S. Stewart, J. Rife, G. Lushbaugh, J. Williams. “Utilizing Alternating Aeration to Achieve Denitrification: Process Simulation and Field Demonstration.” *Proceedings of Texas Water 2015.* Corpus Christi, Texas April 2015. Main author and presenter. |