



## Amy Kam, P.E.

Senior Project Manager / Marketing Manager

Amy Kam is a water resource engineer and project manager with specialized experience delivering infrastructure projects focused on flood resilience and sustainability in San Francisco. Prior to joining Lotus, she was a Project Manager at the SFPUC, where she oversaw project planning, conceptual design, and engineering design activities across multidisciplinary teams and agencies. In addition to her agency experience, Ms. Kam has extensive experience working on low impact development, sustainable stormwater strategies, community infrastructure, and development projects for a diverse range of private and public-sector clients in the Bay Area and abroad.



### Education

BS, Civil + Environmental  
Engineering  
*University of Illinois, Urbana-  
Champaign*

### Registrations

Professional Engineer (Civil)  
*California*

LEED AP  
*USGBC*

### Selected Project Experience

- **King County Long-Term Control Plan | Seattle, WA** – Ms. Kam is a technical consultant to Carollo Engineers as part of the County’s long-term control plan update for its combined sewer overflow program, performing drainage basin characterization and analysis, definition and evaluation of co-benefits, and project prioritization to support the County’s capital planning and selection of water quality improvement alternatives.
- **Port of San Francisco: AB 691 Sea Level Rise Assessment | San Francisco, CA** – As a Public Land Trustee, the Port of San Francisco was mandated by State Assembly Bill (AB) 691 to evaluate impacts and vulnerabilities to its assets due to future sea level rise, and provide findings and planned mitigation strategies. Ms. Kam developed a comprehensive inventory of completed and ongoing assessment efforts, including advances in climate change science, evolving sea level projections, vulnerability mapping, asset inventories, and the Port’s Waterfront Resilience Program.
- **Downtown Davis Specific Plan | City of Davis, CA** – Collaborated closely with community and agency stakeholders to establish a unique 2040 vision for Downtown Davis. Evaluated the long-term sustainability of stormwater, domestic water, and recycled water networks by developing an understanding of needs and current capacities of existing systems, available resources, conformance of existing systems with current or anticipated planning scenarios and regulations, and the completion of a water supply assessment.
- **San Francisco Public Utilities Commission: Flood Resilience | San Francisco, CA** – Served as project manager for fast-tracked drainage improvement capital projects and policies targeted at reducing flood risk as part of San Francisco’s citywide flood resilience strategy. Policy development included initiation of a “RainReady SF” public outreach campaign, a Floodwater Management Grant, and delineation of flood risk maps and point-of-sale disclosure requirements. Responsible for monitoring and managing project budgets and schedule across consultant and interagency staff, as well as coordinating contract preparation, advertisement, bid/award, construction, closeout activities, public workshops, management briefings, and press events. *[portfolio]*

- **San Francisco Public Utilities Commission: Sewer System Improvement Program (SSIP), Urban Watershed Assessments | San Francisco, CA** – Led the development of a GIS-based toolkit for analyzing and identifying citywide LID stormwater runoff reduction project opportunities. Consisting of a series of automated GIS geoprocessing models, the toolkit was based on a Triple Bottom Line-evaluation of project feasibility and performance that synthesized a comprehensive range of data, including hydrology, topography, land use, street characteristics, socioeconomic factors, as well as insights collected from community outreach workshops and surveys. *[portfolio]*
- **Santa Clara Square | Santa Clara, CA** – Developed water balance analyses using a Sustainable Systems Integration Model (SSIM™) to optimize programming scenarios for a mixed-use development consisting of 1.6M square-feet of LEED Gold certified office; 1,800 apartments; and 170,000 square-feet of specialty retail. Responsible for researching imminent regulatory restrictions on regional irrigation ordinances, devising strategies to comply with drought emergency mandates, and performing cost-benefit analyses across a spectrum of conservation measures. *[portfolio]*
- **Project Circuit Landscape + Stormwater Master Plan | Manila, Philippines** – Developed concept and schematic design for a new urban riverfront development on a 52-acre site that will include a business and retail district as well as a high-density residential neighborhood. The comprehensive plan includes an open space framework that will not only serve as the focus for the development but be a key functional component of the overall stormwater management strategy, bringing a high degree of flood protection and sustainability to the development. *[portfolio]*
- **Ocean Beach Master Plan | San Francisco, CA** – Performed GIS-based geospatial analysis and facilitated public outreach to support a comprehensive vision to address sea level rise, protect infrastructure, restore the coastal ecosystem, and improve public access along a 3.5-mile stretch of San Francisco's Pacific coast. *[portfolio]*
- **Kaiser Permanente Hospital Tower Replacement + Medical Office Building | Oakland, CA** - Analyzed and designed LID stormwater management options to meet Green Guide for Health Care (GGHC) and the Bay Area Municipal Regional Stormwater Permit Provision C.3 requirements. The five-floor, 165,000-square-foot facility, located at 3701 Broadway, contains offices for 50 providers and is adjacent to a new four-level parking garage. Landscaped areas and swales treat stormwater, which flows to the Glen Echo Creek restoration, and includes re-graded slopes to be more natural and sustainable. *[portfolio]*

## Selected Marketing Experience

- **Website Design + Management | Lotus Water** – Designed, launched, and managed new website consisting of over 60 pages, including new logo, blog, and social media integration.
- **Graphic Design | Lotus Water** – Developed brand identity, logo + strategy, and designed marketing collateral for digital marketing, office signage, event publicity, project proposals, business cards, meeting/lecture presentations, and promotional materials.
- **Graphic Design | Wish** – Designed product logos, infographics, and digital ad campaigns targeted to generate growth for software products and marketplace platforms for the third-largest e-commerce marketplace in the US by sales.

