

MICHAEL ANDERSON

Senior Water Resources Engineer

- San Francisco, CA
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Accomplished Water Resources Consultant with a robust background in hydrology and environmental engineering, possessing over a decade of expertise in sustainable water management practices. Demonstrated proficiency in evaluating complex water resource systems, implementing innovative solutions, and advising governmental and private sector clients on regulatory compliance and best practices. Adept at utilizing advanced modeling techniques to assess water availability and quality, ensuring strategic planning and resource allocation.

WORK EXPERIENCE

Senior Water Resources Engineer | EcoWater Solutions Inc.

Jan 2022 – Present

- Designed and implemented comprehensive water resource management plans for urban development projects.
- Conducted hydrological modeling and analysis using software such as HEC-RAS and SWMM.
- Collaborated with local governments to ensure compliance with environmental regulations.
- Led workshops and training sessions on water conservation techniques for community stakeholders.
- Developed cost-benefit analyses for proposed water infrastructure improvements.
- Performed field assessments to monitor water quality and quantity across various sites.

Water Resource Analyst | GreenFlow Consultants

Jul 2019 – Dec 2021

- Analyzed regional water availability and demand trends to inform policy recommendations.
- Assisted in the development of watershed management plans in collaboration with stakeholders.
- Utilized GIS tools for spatial analysis and data visualization of water resources.
- Performed statistical analysis to evaluate the impact of climate change on water supply.
- Prepared detailed reports and presentations for client briefings and public meetings.
- Engaged with community organizations to promote sustainable water practices.

SKILLS

hydrology environmental engineering water quality assessment GIS project management regulatory compliance

EDUCATION

Master of Science in Environmental Engineering

Berkeley; Bachelor of Science in Civil Engineering

University of California

ACHIEVEMENTS

- Successfully secured a \$500,000 grant for a watershed restoration project, enhancing local biodiversity.
- Published research on the effects of urbanization on groundwater recharge in a peer-reviewed journal.
- Recognized as Employee of the Year for outstanding contributions to project success and client satisfaction.

LANGUAGES

English Spanish French