

MICHAEL ANDERSON

Senior Water Asset Manager

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Strategic and results-driven Water Asset Manager with over 10 years of experience in the sustainable management of water resources. Demonstrates a profound understanding of hydrological principles and asset optimization methodologies. Adept at leveraging advanced analytical techniques to assess water asset performance and implement innovative solutions that enhance operational efficiency.

WORK EXPERIENCE

Senior Water Asset Manager | HydroTech Solutions

Jan 2022 – Present

- Led a team in the strategic assessment of water assets across multiple regions, improving resource allocation by 30%.
- Implemented a state-of-the-art asset management system to monitor real-time water quality and usage metrics.
- Developed and executed comprehensive risk management plans, mitigating potential environmental impacts.
- Collaborated with local governments to align water asset strategies with community needs and regulatory requirements.
- Conducted financial analyses to optimize capital expenditure on water infrastructure projects.
- Presented findings and recommendations to executive leadership, influencing policy decisions and investment strategies.

Water Resources Analyst | GreenWater Initiative

Jul 2019 – Dec 2021

- Analyzed hydrological data to assess water resource availability and demand trends.
- Participated in the design and implementation of water conservation programs that reduced usage by 25% in targeted areas.
- Engaged with stakeholders to promote awareness and education on sustainable water practices.
- Utilized GIS software to map and evaluate water asset locations and conditions.
- Supported grant applications for funding of water infrastructure projects, securing over \$2 million in funding.
- Conducted regular assessments of water quality, ensuring compliance with safety standards.

SKILLS

water management

asset optimization

risk assessment

hydrology

stakeholder engagement

project management

EDUCATION

Master of Science in Environmental Engineering

Berkeley

University of California

ACHIEVEMENTS

- Successfully reduced operational costs by 15% through improved asset management practices.
- Received the Outstanding Water Resource Management Award in 2020 for innovative project implementations.
- Authored a research paper on sustainable water practices published in a leading environmental journal.

LANGUAGES

English

Spanish

French