



City of Phoenix

*Employment Opportunity
Research and Planning Analyst
(Planner III)*

ABOUT THIS POSITION

The Water Services Department is seeking a highly motivated individual to assist in the econometric modeling of urban water use trends and management of associated data. Possible research projects that study water consumption patterns and study the various contributing factors that affect water consumption include demographics, climate impacts, conservation efforts, economic conditions, housing trends, and migration to/from the utility service territory. The successful candidate will assist in forecasting consumer water demands to inform water and wastewater infrastructure master planning, customer trends, capital improvement programs, finance, and additional development of databases used in support of monitoring and policy decision making.

The Research and Planning Analyst (Planner III) position requires specialized knowledge in research methods, statistical analysis, and statistical software such as JMP (SAS). The position will also work extensively with management of databases for both research purposes and the development of management tools such as dashboards that make use of research and existing customer data to develop key indicators that support management decisions. These efforts will involve use of both database and geospatial software in order to discover consumption trends, economic trends, payment trends, and other information that assists in the management of a water and wastewater utility. While the primary focus of this position is on modeling and quantitative analysis, this position will also contribute to studies involving infrastructure and water resource planning, rates and impact fees, customer use patterns, and special requests by management, other staff, and the general public. This position would be ideal for a person with strong quantitative and statistical skills, econometric modeling, strong written communications, experience in municipal finance, urban planning, or resource economics and familiarity with working with large datasets and/or geospatial programs (GIS) to address infrastructure and/or natural resource management issues.

Additional responsibilities include supervising and managing staff; supporting the future of water and wastewater infrastructure planning in the City of Phoenix; conducting analysis in water demand and revenue forecasting for use in rate setting and financial planning. This individual will work on a wide range of potential projects that could involve water and wastewater master plans, impact fee updates, water use studies, and wastewater generation studies.

IDEALCANDIDATE

- Proficient in Microsoft Office (Access, Excel, PowerPoint, Outlook, Word).
- Ability to undertake quantitative and qualitative research projects independently.
- Ability to write reports, technical papers, and correspondence.
- Ability to work in a multidisciplinary environment.
- Demonstrated skill in working with primary data sources for the purposes of problem solving, strategic thinking, and interpreting market and consumer information.

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- Demonstrated skill in coding/statistical software programs including (but not limited to) in JMP, SAS, STATA, SQL, Python, R or other coding/statistical software programs.

SALARY

\$64,168.00 - \$97,739.20 annually. Candidates may be hired up to \$97,739.20 depending upon qualifications.

BENEFITS

A comprehensive benefits package is offered which includes traditional pension with employer and employee contributions; choice of medical HMO, PPO, or HSA/HDHP plan; wellness incentive of up to \$720 annually; dental; vision; life insurance; long-term disability; 401(a) and 457 plans; medical enrollment includes a monthly \$150 City contribution to a Post-Employment Health Plan; bus/light rail pass; tuition reimbursement program; paid time off includes 12.5 paid holidays, 12 vacation days, and 15 sick days and personal leave days.

For more details, visit: [Unit 007 Benefits](#)

[Pension Information](#)

MINIMUM QUALIFICATIONS

- Five years of experience in urban planning, including three years at the level of Planner II.
- Bachelor's degree in urban or city planning, landscape architecture, engineering, architecture, political science, a related field, or a field related the specialty area.
- The City job description can be found [here](#).
- All finalists for positions are subject to a criminal background check applicable to the department or position.
- For information regarding pre-screening and driving positions, [click here](#).
- Some positions require the use of personal or City vehicles on City business. Individuals must be physically capable of operating the vehicles safely, possess a valid driver's license and have an acceptable driving record. Use of a personal vehicle for City business will be prohibited if the employee is not authorized to drive a City vehicle or if the employee does not have personal insurance coverage.

The City of Phoenix has paused plans to implement a federal mandate requiring all city employees be vaccinated against COVID-19. This decision comes after a series of legal challenges and a ruling from a federal judge which temporarily halts the COVID-19 vaccine mandate for federal contractors nationwide. If the requirement is reinstated, the City of Phoenix may require new hires to provide

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proof of full COVID-19 vaccination status as a condition of employment. After a conditional offer has been extended, candidates may request a reasonable accommodation based on a medical disability or for sincerely held religious beliefs.

PREFERRED QUALIFICATIONS

The minimum qualifications listed above, plus:

- Evidence of independent research and report-writing capability revealed through major report, thesis, or plan preparation.
 - **A Sample Report MUST be uploaded with resume and cover letter as one single document.**
- Experience working with data from demographic, economic, population, development, wastewater generation, supply/demand, vehicle, aviation, crime, traffic, finance, or revenues.
- Experience with natural resource management, budgeting, municipal infrastructure, land development, or other government planning.
- Experience with water and wastewater use trends, water demand modeling, and how to estimate them.
- Experience and knowledge of water or other utilities as a public good and types of data used to analyze supply and demand.
- Experience in quantitative analysis and research or Master's degree in economics, planning, natural resource management, business administration, statistics, computer science, engineering, or related field.
- Experience in quantitative analysis, research, and modeling that includes statistical coding/programs such as JMP, SAS, STATA, C+, SQL, Python, R, HTML, or similar experience.
- Experience with datasets, spreadsheets, and/or database management in areas such as demand, supply, policy planning, capital project planning, budgets, infrastructure, rates, population, economic, and assessment surveys and datasets.

RECRUITMENT DATES

Recruitment closes September 26, 2022. All materials must be received by 11:59 p.m. on this date.

This is a position-based recruitment **and generates a one time use only list**. Once interviews are conducted and candidates are selected, this job posting will be considered closed and candidates will no longer be in consideration for the position applied for. This posting will not result in any ongoing eligibility list.



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HOW TO APPLY

Apply online at <https://www.phoenix.gov/hr/current-jobs/> by completing the required information and attaching, **as one document**, your cover letter and resume. Please include your experience as it relates to the qualifications stated above. Only the highest qualified may be posted to the eligible to hire list. The results of the resume screening process will be sent to your primary email address.

WE ARE HERE TO HELP

- During the current health crisis, job interviews may be held by video or audio conference.
- Please be aware that you may be required to wear a face covering or use other personal protective equipment (PPE) related to the COVID-19 pandemic.
- If you are in need of computer resources, [click here](#) for free options.
- Arizona at Work has frequent classes to help with resume writing, interviewing skills, and general career guidance. Click [here](#) for more information.
- Explore other [Employment Opportunities](#) with the City of Phoenix.
- Subscribe to receive [e-mail notifications](#) about new employment opportunities.
- If you need assistance applying for this job, please contact our HR Connection Center at [\(602\) 495-5700](tel:6024955700).

REFERENCE

Planner III: Job Code 8230, ID # 46108

City of Phoenix employees commit to Work Smart, Spend Wisely, Be Kind.

City of Phoenix is an equal opportunity employer. AmeriCorps, Peace Corps, and other national service alumni who meet the required qualifications are encouraged to apply.