

Video: Changing the way we manage urban water

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The Mines Park apartment complex may look like typical student housing but these apartments are pioneering new water treatment methods for a cleaner future. Wastewater from this complex isn't actually wasted.

This is one of the pilot projects of the National Science Foundation's (NSF) Engineering Research Center (ERC) for Re-Inventing the Nation's Urban Water Infrastructure, or [ReNUWIt](#). Researchers and students here combine engineering innovations with expanded use of smart natural systems to help address growing water needs in cities and towns.

ReNUWIt is a collaborative group of [urban water](#) researchers from the Colorado School of Mines, New Mexico State University, Stanford University and University of California, Berkeley. Infrastructure upgrades are part of the researchers' focus because decentralized water treatment at the neighborhood scale can be more efficient than transporting water miles away to one large facility.

Through the NSF Research Experiences for Undergraduates (REU) program, students from across the country are able to participate and contribute to the research.

Provided by National Science Foundation

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