

State News for NSPE Members

NSPE-NV Member Offers Insight on Generative AI



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In the [latest issue of PE magazine](#), NSPE-NV member and UNLV educator **David James, Ph.D., P.E.**, provides insight on generative AI and its current use in engineering education and perhaps in professional practice. He has tested out ChatGPT and Google's Bard, but is this new tech ready for primetime? Find out by accessing the full article [here](#).

Las Vegas Water Use Down 25% This Year

A wet and cool start to 2023 helped Southern Nevada consume 25% less water from the drought-stricken Colorado River through the first five months of the year, the [Las Vegas Review-Journal reports](#).

From January through May, the region's consumptive use from the river was just under 61,000 acre-feet of water, Warren Turkett, a natural resource analyst for the

Colorado River Commission of Nevada, recently told commissioners.

That's down from nearly 82,000 acre-feet of water consumed during the same period last year, which was near the same amount the valley consumed in 2021 (84,489 acre-feet) and 2020 (80,885 acre-feet).

Turkett said that reduction is due to continued conservation efforts coupled with weather that was cooler and far wetter than usual. But whether the region can keep that pace up for the entire year remains to be seen, especially with the latest seasonal forecast showing conditions that are likely to be warmer and drier than normal through September.

"It will be telling to see what happens over the summer months because those are the biggest water use months," Turkett told commissioners. "The next few months ... hopefully will be consistent with keeping that reduction." [Read more.](#)

Nevada Named a Top 10 State for Infrastructure

Nevada was recently named as one of the 10 best states in the country for infrastructure, [2news.com reports](#). The Silver State placed ninth in the CNBC rankings, ahead of a three-way tie between Colorado, Kansas, and Virginia.

The main reason for Nevada's ranking is the state's reliable power grid, according to CNBC, which says the average customer is without power for just 102 minutes per year. In discussing the ranking, CNBC said that 1% of bridges in the state are in poor condition, and 5% of roads. They also said that 92% of the state has broadband internet access.

States that ranked ahead of Nevada in infrastructure included South Carolina, Arizona, Ohio, Indiana, Tennessee, Minnesota, Illinois, and Georgia.

NSPE-NV July Luncheon Meeting Recap

NSPE-NV and ASCE cohosted a luncheon on July 13, featuring a Clark County Public Works update. The presentation was conducted by Jimmy Floyd, P.E., manager of construction management.

Meet the Speaker



Jimmy Floyd, P.E., manages Clark County Public Works Construction Management Division. The division oversaw \$690 million in current CIP projects and performs over 14,000 inspections on an annual basis on developer projects. He has worked in the construction industry for that past 27 years with experience as a contractor, inspector, structural engineer, designer, materials testing technician/project manager, materials lab manager, and construction manager at different times in his career. He has made it his career goal to provide quality service to industry partners, while at the same time ensuring quality materials are delivered on public projects.

Floyd holds two degrees from UNLV, one in construction management and the other in civil engineering. He is a license professional engineer, ACI Executive committee member, Nevada APWA president-elect, and volunteers with the Nevada Department of Wildlife.

Job Opportunities in Las Vegas

City of North Las Vegas

The City of North Las Vegas is looking for qualified candidates to serve in Senior Engineer and Engineering Technician positions.

- [Senior Engineer](#) (Utilities Administration)
- [Senior Engineer](#) (Public Works Dev Flood Control)
- [Engineering Technician III](#) (Engineering & Construction Services)
- [Engineering Technician III](#) (Public Works Dev Flood Control)

Las Vegas Valley Water District

The Las Vegas Valley Water District is looking for qualified candidates to serve in Engineering Technician I and Civil Engineer, P.E., positions.

- [Engineering Technician I](#) (Closes on 7/30/23)
 - [Civil Engineer, P.E.](#) (Closes on 8/9/23)
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Are You Ready to Lead Within NSPE-NV?

NSPE-NV is seeking individuals to serve as vice president at the Southern Nevada chapter level and secretary for the state society/foundation boards.

Please contact Martin Jensen (MJensen@UniversalEngineering.com) or Bob Thomsen (Bob.Thomsen@gesnevada.com) if you are interested.

Stay up to date on legislative issues through the [NSPE Advocacy Center](#).

Meet the 2023 NSPE Emerging Leaders



NSPE is pleased to recognize 15 talented professionals who recently completed the Society's [Emerging Leaders Program](#). This diverse group of young professionals was selected from around the country to take part in an intensive, unique enterprise designed to equip them as leaders in the engineering field.

- **Nicholas J. Bailey, P.E.** (Cincinnati, Ohio)
- **Frank Block III, Ph.D., P.E.** (Silver Spring, Maryland)
- **Timothy Choma, P.E.** (Iselin, New Jersey)
- **Courtney Cunningham, P.E.** (Houston, Texas)
- **Steven T. Fox, P.E.** (Nashville, Tennessee)
- **Blane Gee, P.E.** (Oklahoma City, Oklahoma)
- **Holly Hartley Guillaume, P.E.** (Katy, Texas)
- **Lingbee Chyna Lim, P.E.** (Charleston, South Carolina)
- **Brianne R. Jole, P.E.** (Lubbock, Texas)
- **Corey Kingsland, P.E.** (Kansas City, Missouri)
- **Carter Lytal, P.E.** (Lubbock, Texas)
- **Rebecca Martinez, P.E.** (Cherry Hill, New Jersey)

- **Alissa Neuhausen, P.E.** (Rockville, Maryland)
- **Victor Odili, P.E.** (Conroe, Texas)
- **Skylar Wierzbicki, P.E.** (Grapevine, Texas)

The program is [accepting applications](#) for the next class of rising leaders until August 31.



The upcoming [Professional Engineers Day](#) (Wednesday, August 2) is an incredible opportunity to showcase the value of NSPE and your PE license. We encourage you to post on your social media accounts a highlight from your community, your work, your impact, your story and include the #IAMNSPE, #WeareNSPE, #ProudPE.

NSPE's [apparel shop](#) features the PE Day logo on a variety of items including many styles of t-shirts and other apparel for men, women, and kids, as well as accessories like mugs, notebooks, tote bags, wall prints, and even phone cases. [Shop now.](#)

Check Out the Latest Issue of *PE*

[The Chatter About AI](#)

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[Reaching Tomorrow's Innovators](#)

DiscoverE has released its latest research on the views of high school students and parents on engineering and



engineering careers. The Messages Matter results were encouraging as they reveal that targeted messages and profiles of engineers can spur interest in engineering among the very groups that will ensure a more diverse future for the field.

Members who subscribe to the [digital edition of *PE*](#) can access the current and back issues.

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