

State News for NSPE Members

NSPE-NV Meeting Recap—Water Resource Challenges as a Community

NSPE-NV members gathered for a luncheon meeting on Tuesday, November 15, to learn about water resource challenges in the region and conservation efforts from **J.C. Davis**, manager of the Southern Nevada Water Authority's Enterprise Conservation division.

Meet the Presenter—J.C. Davis



J.C. Davis manages the Southern Nevada Water Authority's Enterprise Conservation division. Davis has more than 25 years of experience as an analyst and communications professional. During his tenure with Las Vegas' regional water agency, he has developed and implemented numerous engagement programs and policies related to water conservation, water resource development, environmental management, water quality protection, rate structures, and infrastructure reinvestment. Davis is a longtime member of the American Water Works Association and served on the organization's Public Affairs Council. He earned degrees in journalism and management from San Diego State University.

Thanks to Our Sponsor!



Call for Future City Competition Volunteers

NSPE-NV is looking for **25 volunteers** to assist with judging during the upcoming **Future City Competition** that will be held **Saturday, January 21, 2023**.

Please contact Brian Kalina (Brian.Kalina@swgas.com) or Anthony Fiti (anthony.fiti@snvfuturecity.org) if you are willing and able to assist. Thank you!

Licensing Board Meeting

The **Nevada Board of Professional Engineers & Land Surveyors** has scheduled a meeting on **Thursday, November 17**.

Access the meeting and virtual attendance information [here](#).

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 Trisha Sakaguchi (Trisha.Sakaguchi@atkinsglobal.com), Christian Herrera (Christian.Herrera@swgas.com), Martin Jensen (MJensen@UniversalEngineering.com) or Bob Thomsen (Bob.Thomsen@gesnevada.com) if you are interested.

NV Lithium Extraction and Battery Manufacturing Facilities Get \$107M Federal Boost

New battery manufacturing facilities are coming to Nevada and will receive more than \$100 million dollars of federal funding, a move meant to fulfill the Biden Administration's commitment to ensure that half of all new vehicle sales by 2030 are electric and to transition to a net-zero emissions economy by 2050.

Two Nevada companies specializing in mineral processing and extraction were awarded the funds as part of \$2.8 billion in grants distributed by the US Department of Energy, the [Nevada Current reports](#). A total of 20 manufacturing

and processing companies were funded across 12 states.

One company, the American Battery Technology Company, plans to use the funding to construct a large-scale facility in Tonopah that would demonstrate a novel process for manufacturing battery grade lithium from unconventional landscapes. The company said the facility will show that their technique has a "low-cost and low-environmental impact process for manufacturing lithium products."

The second company that will receive funding is a project in Fernley by Lilac Solutions, which plans to demonstrate a new extraction technique that could make it more commercially viable to pull lithium from domestic underground deposits of brine water and ore. [Read more.](#)

BLM Seeks Public Input on Copper Rays Solar Project

The Bureau of Land Management Pahrump Field Office is seeking public comments on the proposed Copper Rays Solar Project in Nye County, Nevada, according to a [news release](#).

The 45-day scoping comment period opened on November 14 and will close on December 29.

The Copper Rays Solar Project would consist of the construction, operation, and eventual decommissioning of photovoltaic solar modules and associated facilities necessary to generate up to 700 megawatts of electricity on 5,127 acres of public land southeast of Pahrump, Nevada. The expected life of the project is 30 years. The public land for the proposed project area is southeast of Pahrump, approximately 40 miles west of Las Vegas, Nevada, and located adjacent and to the south of State Route 160. Project construction would take six years over multiple phases.

The BLM will hold two virtual scoping meetings for the Copper Rays Solar Project on December 6 and December 7 from 6:00 p.m. to 8:00 p.m. (PT). Access more information on the project and the meetings registration [here](#).



NSPE's **Job Board** is your one-stop resource for professional engineering employment. Whether you are on the hunt for your next career move or looking for

today's top engineering leaders and talent, you will find it here.

NSPE provides the tools PEs need to keep current in the profession and advance their careers.

Featured Jobs

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Sparks, NV

[Welding Process Engineer](#)

Carson City, NV

[Find more job openings or reach the right employees on the NSPE Job Board.](#)

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

NSPE Stays Focused on Sustainability and Resilience

The United Nations Climate Change Conference ([COP27](#)) kicked off in Sharm El-Sheikh, Egypt last week. As the conference takes place, NSPE will [provide conference highlights](#) of interest to professional engineers.



NSPE believes licensed PEs should be good stewards of the environment to preserve and protect our world for future generations. The Society recognizes that attention to sustainable and resilient design practices is critical to the health of the planet and is an integral part of the practice of engineering. PEs are uniquely positioned to be a positive and driving influence in creating, maintaining, and renewing sustainable communities.

In early 2022, the NSPE Board of Directors endorsed “The Role of the Engineering Community in Addressing Climate Change.” The statement was prepared with input from a working group of 16 organizations, including NSPE, and facilitated by ECL-USA. It is intended to unite, energize, and motivate people within and across organizations, and to fulfill their desires for meaning and purpose in their professional lives.

The Role of the Engineering Community in Addressing Climate Change:

Climate change is real – the impacts are serious, and they are accelerating. There is an urgent imperative for the Engineering Community to take informed and intentional actions now to both reduce greenhouse gas emissions and adapt to the impacts of a changing climate. It is our duty and purpose to contribute our skills and knowledge of human-centered technologies and of the natural world to lead

humanity out of the climate crisis with a focus on sustainable, resilient, equitable, and innovative approaches. [Learn more](#) .

Honor Awards Open for Nominations

The [NSPE Honor Awards](#) promote the professional engineer's contributions to society and recognize the achievements of the profession's very best. The deadline for award submissions is **January 31, 2023**.

NSPE Award

The NSPE Award is the highest award given to an individual by the Society. It is presented to an engineer who has made outstanding contributions to the engineering profession, the public welfare, and humankind. **Howard (Skip) Harclerode II, P.E., F.NSPE, F.AIChE**, received the award in 2022. He is the founder and president of KBD Engineering Company Inc., based in Phoenix, Maryland, and has been a tireless advocate for the engineering profession.



New Professional of the Year Award

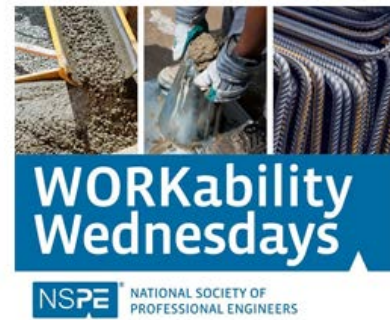
This award recognizes a young NSPE member who has made outstanding contributions to the Engineering Profession and the community during the early years of one's career. **Holly Ahumada, P.E., CFM**, and **Dylan Ward, P.E., MPA**, received the award in 2022. Holly Ahumada specializes in stormwater and floodplain management at Freese and Nichols in Fort Worth, Texas. Dylan Ward is a project manager for the City of Henderson in Kentucky.



Upcoming Webinar: Election Recap

Join your colleagues for the next Workability Wednesdays webinar: [Election Recap: How Can PEs Prepare for the 2023 Legislative Session](#) (November 30).

Register now for these FREE webinars for NSPE members and earn PDHs before the end of the year. If you missed any recent webinars? No problem.... [check out the recordings](#) .



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