

## CURRICULUM VITAE

# SEYRAN CELIK, PMP, EIT, LEED AP PARTNER



## QUALIFICATIONS

MSc Geotechnical Engineering, Virginia Polytechnic Institute and State University  
BSc Civil and Environmental Engineering, West Virginia University, Honors Distinction  
Project Management Professional (PMP)  
Engineering in Training (EIT)  
US Green Building Council Accredited Professional (LEED AP)

## MEMBERSHIPS

President, Association for the Advancement of Cost Engineers (AACE) Greater Miami Chapter  
Member, Miami International Arbitration Society (MIAS)  
Member, Society of Construction Law  
Member, Arbitral Women  
Member, ABA Forum on Construction Law

## PERSONAL DEVELOPMENT

HKA Equality, Diversity and Inclusion Committee Chair 2020 - 2023  
Graduate Research and Teaching Assistant, Virginia Tech, VA, USA  
Lachel Felice and Associates Internship, Pittsburgh, PA, USA  
Study Abroad: Bosphorus University Civil Engineering, Istanbul, Turkey  
West Virginia Department of Transportation Internship, Clarksburg, WV, USA

## PROFILE

Seyran is an appointed engineering expert, construction claims advisor and forensic schedule analyst providing expert services for international arbitration, litigation, and mediations. She has been retained as a delay and disruption professional by local and international contractors, owners, A/E firms and law firms, and

has assisted internationally acclaimed delay and quantum experts on multibillion dollar oil and gas, power, infrastructure and commercial projects across Australia, Europe, Africa, and the Americas.

Seyran is also a civil engineer with significant project management and design experience as a geotechnical engineer. Her expertise lies in analysis of shallow and deep foundations, slope stabilization, ground improvement, and roadways. She has also provided services relating to preconstruction phase feasibility studies, damage studies, remediation solutions, subsurface investigations, and environmental assessments. She has been involved in domestic and international work consisting of government contracts and embassy work, defense and military, transportation, infrastructure, healthcare, education, wastewater, and commercial highrises.

## EXPERIENCE

### NUCLEAR

#### **Nuclear Power Plant, Confidential – Active Engagement**

Assisting the expert on an assessment of claimant's and respondent's positions in connection with the surviving rights of the licensing agreement from the perspective of what would be considered normal and expected practice in the commercial nuclear power industry.

#### **Atomic Power Laboratory, Confidential – Active Engagement**

Evaluating contractor performance in connection with various technical and quantum issues including geotechnical instabilities, Covid delays, design changes, and soil and water contamination.

#### **Nuclear Power Plant, Confidential – Active Engagement**

Assisted the expert and led a team of subject matter experts on evaluation of change orders associated with the digital modernization and upgrade of existing analog systems.

#### **Alvin W. Vogtle Electric Generating Plant (Plant Vogtle) Units 3 and 4, Georgia, USA**

Assisted the expert and led a team of subject matter experts on evaluation of risks associated with construction and startup of two new Westinghouse AP1000 Units (Units 3 and 4). Specific responsibilities included a detailed technical review of discrete challenges associated with First of a Kind (FOAK) construction in preparation for the prudency hearing held by the Georgia Public Services Commission.

#### **Virgil C. (VC) Summer Nuclear Generating Station, South Carolina, USA**

The project consisted of an approximately \$10 billion construction of two new 1,100 MW Westinghouse AP1000 nuclear power plant units (Units 2 and 3) to supplement power production of the existing Unit 1. Retained by one of the partial Owners and assisted a team of 3 other delay professionals in preparation of an expert report consisting of detailed review of schedule related project shortcomings. Specific responsibilities included comparison of project documents with schedule data to determine lags and anomalies in project reporting as well as preparation of a high level As Planned vs As Built CPM schedule analysis for construction of one of the Units.

## **Mixed Oxide (MOX) Fuel Fabrication Facility, Savannah River Site, South Carolina, USA**

Retained by the National Nuclear Security Administration (NNSA) in support of the Department of Justice (DOJ) to inspect, inventory, and review status of project work upon contractor's termination. The project was the construction of a 500,000 square foot fabrication facility in South Carolina including 660 rooms at a cost of \$11 billion. A detailed field assignment consisting of all assessment of all structural, MEP, equipment, and interior finishes was carried out over a period of eight weeks. Site findings were correlated to both schedule and quantum project documents to provide expert opinion on contractor-claimed reimbursements.

## **PROCESSING**

### **Pea Protein Plant, Confidential - Active Engagement**

Evaluating the functions of the EPCM contractor with regard to technical issues, cost and schedule overruns and the supply and function of equipment for a large-scale commercial pea protein plant being constructed in Canada.

### **Pea Protein Isolate Plant, Confidential - Active Engagement**

Evaluating the functions of the EPC contractor with regard to technical issues, schedule overruns and the supply and function of equipment for a large-scale commercial pea protein plant being constructed in the United States.

### **Manufacturing Facility, West Virginia, USA - Active Engagement**

Appointed as one of two engineering experts in an ongoing dispute in West Virginia. The project consists of construction of a manufacturing facility. Retained by client-side counsel to provide evaluation of cost damages associated with defects to highly specialized equipment, and failures associated with systems and safety engineering.

## **POWER, MINING & INDUSTRIAL**

### **Pascua – Lama Open Pit Gold Mine, Chile – Argentina**

Project consisted of development of an open pit mineral mine, associated process plants, overland conveyor, and ancillary structures for remote site in Argentina. Assisted the Standard of Care expert on evaluation of good industry practices, construction management methodologies, and performance measurement on the project. Also provided review and rebuttal of opposing productivity assessment as well as detailed comparison of contributing site issues and their impacts to productivity against expected industry ranges.

### **Interior to Lower Mainland, 500kv Transmission Line, British Columbia, Canada – Active Engagement**

Provided consulting and expert services for the construction of a 250KM, 500kv transmission line with 660 towers. The analysis centered around the increased cost of the Project due to delay and disruption on the project which caused losses to the contractor. The delay and disruption were analyzed to be as a result of environmental, aboriginal, private land and Crown land issues.

### **Transmission Line, Charleston, West Virginia, USA**

Assisted the expert on analysis of the damages summary between the parties, CW Wright Construction and Transource West Virginia, Inc. Transource had terminated CW Wright and claimed added cost for completion as opposed to CW Wright's claim for unpaid contract amounts. The case was set for State court and settled in mediation.

### **Bipole III 500kv Riel Conversion Station, Manitoba, Canada**

Retained by partial consortium partner Voith Hydro to provide claim review for design, supply, installation, and commissioning of the Riel Station's four 250MVAR synchronous condenser units in southern Manitoba. Specific responsibilities included review of Voith's claim and preliminary assessment of variation requests. Additionally, prepared detailed drawing review with respect to Project materials and specifications to determine planned vs actual changes to cabling.

### **Cobre Copper Mine, Minera, Panama**

The project consisted of development of a copper and gold mine in Panama. Assisted the senior lead on delay and quantum services for the execution of JV contractor's scope for three out of twenty work packages. Provided following preliminary analysis for all packages: subcontractor claim review, analysis of delay and causation, cost and quantum review as it related to delay events. Assisted in presentation of findings to the client.

### **CNRL Horizon 2 Hydrogen Plant, Alberta, Canada**

The project consisted of Canadian Natural Resource Ltd.'s construction of Horizon Oil Sands Phase 2 Hydrogen Power plant and the subcontractor's role in the manufacture, shipping and erection of 75 steel modules. Prepared an As Planned vs As Built forensic schedule delay analysis to supplement an existing expert report. Additionally responsible for preparation of specific portions of the report relating to causation of the delay specifically during material handling, structural steel erection, fabrication of pipe spools, E&I and module shipments. Challenges addressed were lack of proper schedule updates and reliability of as-built data.

### **Hydroelectric Power Plant, Pervari, Turkey**

The project consists of a 400 MW concrete-face, rock-fill dam located southeastern Turkey. A comprehensive geologic and seismic analysis was performed prior to finalization of the design of the dam in order to mitigate potential damages to the proposed structure in the event of an earthquake. Retained as a project engineering geologist to carry out rock slope failure analyses.

## **TRANSPORTATION AND INFRASTRUCTURE**

### **Cabot Yard, Massachusetts, USA – Active Engagement**

Assisting the lead expert on evaluation of new construction and upgraded site services to the Cabot Yard and Rail Line. Expert services include evaluation of technical issues encountered during construction.

### **Sam Houston Tollway, Texas, USA**

Retained by Contractor to provide expert services for a differing site condition claim in Texas. The project involved geotechnical analysis of subsurface conditions encountered during expansion of a major corridor including construction of temporary soil nail and mechanically stabilized earth retention walls. Responsibilities included assisting the lead expert on the technical analysis of geotechnical differing site conditions, including evaluation of historic subsurface investigations, soil site review, cross sectional analysis, evaluation of the adequacy of soil nail wall design, and geotechnical standard of care. Assisted in preparation of two expert reports, one for each of the phased alignments.

### **Dodoma – Manyoni Transportation Corridor, Tanzania**

The project consisted of construction of a \$65 million USD highway project along one of Tanzania's most rural, but integral, transportation corridors. Assisted the delay expert on detailed document review, aspects of an As Planned vs As Built forensic schedule delay analysis and compilation of appendices for the expert report. Additionally, worked within a team of four other consultants to carry out a production analysis of Contractor's equipment, resources, fuel shortages, material logistics, and utilization during the claimed periods of contractor delay.

### **Port of Palm Beach, Florida, USA**

Retained by the Port of Palm Beach to provide claims consulting services for evaluation of the validity of an extension of time claim submitted by the Contractor, and to provide a rebuttal on the opposing expert schedule delay analysis and report. The \$10 Million contract was agreed upon for enhancement of Berth 17, consisting of replacement of portions of the existing aging seawall, construction of 3 additional dolphins, and extension of the berths capacity to accommodate large vessels.

### **96<sup>th</sup> Avenue NE Extension and Deerfoot Trail Interchange, Calgary, Canada**

The project consisted of an upgrade to the existing 96<sup>th</sup> Avenue and Deerfoot Trail interchange to relieve airport traffic. Assisted the delay expert on an initial review of Contractor's entitlement claim along with evaluation of strengths and weaknesses with respect to the extent and impact of the project delays. Emphasis was placed on the analysis of seasonal impacts to critical path activities.

### **Intercounty Connector MD200, Maryland, USA**

The ICC is a \$2.6 billion, three-phase transportation project, owned and operated by the Maryland Transportation Authority, and aimed at relieving congestion surrounding the greater Washington DC region. Retained as project engineer to carry out analyses for various retaining walls, culverts, and storm water management facilities along the western grading segment. Software such as Slope/W was used to determine stability of proposed structures based on the subsurface profile information.

### **Charlotte Douglas International Airport Elevated Roadway, North Carolina, USA**

Retained by the prime Contractor to provide a preliminary assessment of delays during the construction of a \$40 million, 8-lane elevated roadway for the existing departure terminal. Assisted on the review of project documents, analysis of the drilled shaft installation, and the effect of potential unforeseen ground conditions on the subsequent installation of piers and bents.

**District of Columbia Water and Sewer Authority LTCP, Washington DC, USA**

The LTCP is a \$300 million multiphase project aimed at controlling discharge from combined sewer overflow (CSO) mains into the regional waterways including the Potomac and Anacostia Rivers. Retained as a project engineer and field manager for subsurface investigation, test data analysis, engineering and design QA/QC of the new tunnel alignments.

**Aquia Wastewater Treatment Facility, Virginia, USA**

The \$3 million project consisted of upgrading a 6.5 million gallon/day capacity wastewater treatment plant consisting of proposed aeration tanks, anoxic reactor, pump station, and support structures servicing the counties of northern Virginia. Retained as a project manager, engineer, and field representative for preparation of a proposal, exploration and subsurface development for portions of the facility. Weekly client meetings enabled risk and cost management opportunities.

**G-Link (Gold Coast Light Rail), Gold Coast, Australia**

The project consisted of a \$1.6 billion AUD light rail system in Queensland. Retained by the A/E firm to provide opinion on the project's design review process and its contractual framework. Collaborated with one other management consultant advisor to provide a preliminary assessments of design review delays and their impacts to the construction schedule. Assisted on the preparation of PowerPoint presentations for client meetings.

**Purple Line Light Rail, Maryland, USA**

Retained by the Maryland Transportation Authority to provide a preliminary assessment of the Concessionaire's claim for construction of a light rail line, and to provide an analysis of the opposing expert's TIA claim. The \$3.3 billion Public Private Partnership project consisted of linking New Carrollton, Bethesda, and Silver Spring suburbs of the Washington Metro region and to enable transfer of the existing WMATA Red, Green and Orange line passengers.

**Clara Barton National Historical Site, Maryland, USA**

Working alongside the National Park Service, engineer responsible for subsurface geothermal exploration and feasibility study for use in development of the Climate Management System for the property. A geothermal boring and thermal conductivity test was performed to a depth of 300 feet below the ground surface.

**Inova Hospital, Maryland, USA**

Inova Fairfax Medical Campus expansion project is an \$850 million multiphase upgrade to one of the most extensive healthcare units in the Washington DC region. Retained as a project manager for preparation of the proposal, contract administration, field exploration and supervision, and preparation of comprehensive geotechnical design recommendations. Upgrade and new construction consisted of an 11-story South Patient Tower (Phase I) and 12-Story Women's Hospital (Phase II) in addition to a cooling tower/electric generator facility, storm water management pond and site retaining walls. Local and global failure surfaces were analyzed for 100-year flood levels for all access roadways and embankments.

**Holy Cross Hospital, Maryland, USA**

Responsible for exploration and development of geotechnical engineering recommendations for the proposed 12-story Patient Tower and 4-level Parking Garage Expansion. The geotechnical study was provided to evaluate the subsurface conditions and provide recommendations regarding the design of deep foundation alternatives and subsequent L-Pile design calculations, handling groundwater in design, support of excavation, underpinning, earthwork, seismic site coefficient and comments regarding rock excavation for this project. An addendum study was prepared for recommendations regarding new roadways, parking lots, and relocation of existing support structures within the facility.

**Children's National Hospital, Washington, DC, USA**

Responsible for subsurface exploration and development of geotechnical engineering recommendations for the proposed generator pad and enclosure at the facility. Also responsible for construction phase services including observation of subdrainage system installation.

**OIL & GAS****Enefit280 Shale Oil Power Plant, Narva, Estonia**

The project consisted of delays arising on construction of Eesti Energia's new shale oil power plant with an annual operational goal of two-million barrels of various oil and gas products. Assisted the delay expert in carrying out a detailed forensic CPM schedule As Planned vs As Built Windows analysis and preparation of the expert report. Also assisted Owner on providing preliminary claims review arising from apportionment negotiations between the joint venture parties.

**Gorgon LNG Project, Western Australia, Australia**

The project consisted of construction of two LNG tanks, four condensate tanks, and 10 auxiliary tanks within Chevron's \$54 billion AUD Gorgon Gas Project. Assisted two Delay Experts on preparation of an expert report in response to the Contractor's Extension of Time Claim. Assisted both experts on an As Planned vs As Built Windows schedule delay analysis as well as preparation of supporting exhibits. Also assisted the testifying expert on preparation of a PowerPoint presentation for mock arbitration.

**Wheatstone LNG Project, Western Australia, Australia**

The project consisted of construction of workers' onshore accommodation camps for a \$28 billion AUD LNG project in Western Australia. Worked with Delay and Project Management Expert and a team of claim professionals for preparation of an expert report responding to the Contractor's Extension of Time claim. Responsibilities included compilation of construction data, document review and control, and preparation schematics and exhibits to the report. Performed a detailed P6 CPM review on Contractor's target programs to determine major impacts and shifts to the Project critical path.

**Gas Pipeline, Georgia, USA**

Provided production analyses and preliminary evaluation of remediation on contractor's scope of work. Assisted in the preparation of a high-level labor comparison, review of project documents to understand causation, and provision of resource recommendations for increased weld efficiencies.

### **Gas Processing Plant, Louisiana, USA**

Provided a preliminary claim and schedule review for execution of Contractor's scope of work on a gas processing plant in Louisiana.

## **COMMERCIAL DEVELOPMENTS**

### **Broward County Courthouse, Fort Lauderdale, USA – Active Engagement**

This is a multi-party dispute currently in litigation. Retained by Broward County to perform assessment of defects and evaluation of contractor's claims. Assisting the appointed experts on evaluation of matters related to defects, damages, and claim review. Assisted in the preparation of three expert reports.

### **Miami Beach Convention Center, Florida, USA**

The project consisted of a 1.5 million square foot renovation and expansion of the existing Miami Beach Convention Center. Retained by Client-side counsel to provide quantum services in support of litigation filed in Florida State Court. Assisted joint Expert evaluation of cost damages and lost profits quantification. Led a team of forensic technical experts during subject matter evaluation of technical defects in connection with curtain wall, roofing, fire protection, MEP and various architectural issues. Additionally, led team of claims consultants for the evaluation of multiple subcontractor claims in connection with concrete works, structural steel, electric, metalworks, mechanical and HVAC. Assisted in preparation of three joint expert reports, two testimony presentations, as well as extensive support during deposition and trial.

### **Jewel Condominium, Florida, USA**

The project consisted of a \$50 million new construction for an 18-story residential condominium and mixed-use development in Sarasota. Retained by Client-side counsel to provide an independent evaluation of project performance and an expert report on standard of care.

### **MechoShade Sytems, New York, USA**

This is a multi-project dispute currently in AAA arbitration. Retained by the Specialty Contractor to perform an evaluation of construction impacts arising from vendor failures in connection with scheduling and procurement issues. Assisted the appointed expert on evaluation of matters related to standard of care, good industry practice and general construction practice for multiple project sites. Detailed evaluation of one 32-story commercial highrise in Milwaukee, WI and one 58-story commercial highrise in Philadelphia, PA. Assisted in the preparation of one expert report, one testimony presentation and support during mediation and arbitration.

### **Raine Square, Perth, Australia**

The project consisted of a \$330 million AUD multi-story commercial high-rise building located in Perth. Retained as a forensic schedule delay analyst to assist the Delay Expert in determining the extent and underlying causes of delay during multiparty construction of the complex as well as preparation of the Expert Report. Opined specifically as to geotechnical issues and analysis of the subsurface ground conditions and whether the circumstances substantiated the contractor's delay claim.

### **Wisconsin Avenue Cathedral Commons, Washington DC, USA**

Cathedral Commons is a \$125 million mixed use development consisting of luxury apartments, office space and retail areas. Retained as a project manager and engineer, and stakeholder correspondence lead during subsurface explorations and design development for all site structures and roadways.

### **CityCenterDC, Washington DC, USA**

The \$950 million USD project goal intended to revitalize two urban city blocks in the center of Washington DC. Construction consisted of a 12-story commercial high-rise and 5 level, below-grade parking structure. Retained as a project manager and engineer for field exploration and preparation of design recommendations. Value engineering and cost management alternatives were recommended by way of additional field testing which resulted in a combination of lower-cost shallow foundations alongside deeper pile foundations.

### **Rehfuss v. Ryan, Minnesota, USA**

Retained by client-side counsel to render expert services in connection with a building health and safety incident between Ryan Companies and Plaintiff. Assisted the Defects Expert on an independent evaluation of a personal injury case concerning indoor air quality, mold, and building defects.

## **FEDERAL & DEFENSE**

### **Job Corps Center, Atlanta, USA**

Retained as an independent expert by the Office of the Solicitor in a dispute between the Department of Labor and Contractor. Expert services include geotechnical evaluation of underground hydronics piping installation.

### **Food and Drug Administration (FDA) Campus, Maryland, USA**

Upgrades to the existing FDA campus consisted of new construction of a laboratory facility and office building, parking structure, and ancillary facilities. Retained as a geotechnical engineer to provide project management of all subsurface investigations and subgrade inspections in coordination with Government Services Administration (GSA).

### **Vietnam Veterans Memorial, Washington DC, USA**

The \$115 million planned project is to consist of a below-grade memorial and education center located adjacent to the existing Vietnam Veterans Remembrance Wall on the National Mall. Retained as project manager and stakeholder lead for field investigation and design development for feasibility planning. Ensuring strict adherence to federal regulations and negotiating with subcontractors to ensure timely, cost effective services and solutions was crucial to success of the project.

### **OBO New Embassy Compound, Vientiane, Laos**

Development of a new site for the US Embassy in Laos consisting of a main Chancery, support guardhouses, and living quarters. Retained as a project manager and engineer during planning and coordination of the overseas subsurface investigation. Responsible for all CAD schematics, portions of the geotechnical design analysis, and assisting on the preparation of a report.

### **Joint Base Andrews, Maryland, USA**

Joint Base Andrews is a United States Naval-Air facility consisting of construction of a new structure, parking, roadway, and stormwater retention facilities. Retained as a project manager and engineer for base permit acquisitions, field management, subsurface investigations and preparation of geotechnical design specifications for all pavement recommendations and underpinning of existing structures.

## **EMPLOYMENT RECORD**

2023-present

**HKA**

Miami, FL

Partner

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2021-2023

**HKA**

Miami, FL

Director

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2019-2021

**HKA**

Miami, FL

Associate Director

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2015-2017

**FTI Consulting**

Miami, FL

Director

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2012-2015

**Hill International**

Brisbane, Australia

Consultant

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2008-2012

**Schnabel Engineering**

Rockville, MD

Senior Staff Engineer

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## PRESENTATIONS & SPEAKER ENGAGEMENTS

**“Women in Arbitration”**, Miami International Arbitration Society in Miami. Panelist, April 2025

**“AI Applications and Risks in Construction”**, Florida Bar Construction Law Institute in Orlando. Panel Moderator, March 2024

**“Exploring the Intersection of Emerging Technologies and Alternative Dispute Resolution”**, The 2024 AAA Construction Conference in Miami. Panelist, March 2024

**“Future of Construction Disputes - Any Lessons to be Learned from the Past”**, Istanbul Arbitration Week in Turkey, Panel Moderator, October 2023

**“Working in Uncertain Times – How Women Leaders are Coping with New Levels of Risk”**, Groundbreaking Women in Construction Annual Conference in San Francisco, Panel Moderator, April 2023

**“In the Trenches with your Experts on Construction Disputes from Inception to Deposition”**, ABA Forum on Construction Law, Panelist, February 2023

**“Navigating Career Advancement and Performance Reviews in the Project Controls Industry”**, AACE Rising Professionals Committee, Panelist, November 2021

**“From a Demanding Day Job to a Sustainable Career”**, Women In Construction (WIC) Annual Conference in Washington DC. Panelist, October 22, 2021

**“Challenges and Opportunities Women Face within the Legal Profession: The Impact of Covid-19 on our Work – Life Balance”**, American Bar Association (ABA), Forum on Construction Law. Panel Moderator, June 8, 2021

**“The Impact of COVID-19 on the Florida Construction Industry: Lessons Learned and Future Considerations”**, Association for the Advancement of Cost Engineers International (AACEi), Greater Miami Chapter, Technical Series. Panel Moderator, April 27, 2021

## LANGUAGES

English (Native)

Turkish (Native)