

AACE Atlanta Section Update

Dear Atlanta Section Members,

We wanted to use this newsletter to announce the selected Atlanta Section Volunteer Leadership Committee for the 2024-2025 period. Thank you to everyone that participated in the voting period and congratulations to the selected members. Visit the Atlanta Section website to see their profile.

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|---------------------------|---------------------------------------|
| • Section President | Luis A. Terry, PSP, CEP |
| • Vice President | Javier Cristancho, EVP, PSP, CCT, CCM |
| • Communications Director | Coralys Rodriguez |
| • Website Manager | Nick Adair, CCP |

The committee would like to hear how to improve participation.

[Member Survey Here](#)

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Construction Market News

On the news this month, expectations from the industry related to cost stabilization and interest rate cuts.

[Construction input costs stabilize as contractors eye relief](#)

[Construction pros expect interest rate cut to spur new work](#)

Upcoming Member Event



Join Us: Virtual Technical Meeting on **October 16, 2024**, at **noon ET**, as Michelle Salvador, Tina Le, Monica Salazar and David Frye present on **Predictive Analytics applied to Forecasting Completion for an Energy Mega Project**. [Join the Meeting Here](#)

Virtual Technical Meeting: [AtkinsRéalis](#) presents Predictive Analytics applied to Forecasting Completion for an Energy Mega Project.

Accurately predicting the completion date of a project can be daunting and have unintended bias, especially for complex and unique projects without historical data to gain experience from. Predictive Analytics is an automated process that takes Scheduling Software data and creates statistical analysis models to forecast the end of a project. It uses the power of machine learning to create these models, providing the user with a list of unbiased possible earliest completion dates and giving the user a prioritized list of the best options. This automation means the project controls team can easily focus on applying their knowledge of the project and professional intuition to selecting between the most useful predictive models in determining risks and planning of the project.

Michelle Salvador - Senior Systems Consultant

Michelle Salvador is a Senior Systems Consultant for AtkinsRéalis that develops systems and advanced analytics for project controls. Michelle provided mathematical and technical knowledge for the development of this Predictive Analytics tool. She holds a degree in electrical engineering from the University of Texas at El Paso and studied in the PhD Mechatronics program at the University of Denver. Her graduate work advanced humanoid robotics and emotion recognition through computer vision AI.



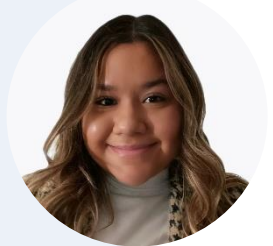
Tina Le - Construction Data Analyst II

Tina is an analyst within AtkinsRéalis Construction Data Intelligence® team with a degree in statistical practice from the University of Minnesota. Tina has worked on Power BI dashboard development, SQL database integration and using the tools to drive machine learning modelling and forecasting. In addition to her critical role on this predictive analysis project, Tina has also previously led a project including the development of a multiple linear regression model, auto regressive integrated moving average model (ARIMA), and neural network autoregressive (NnetAR) model that allows users to view forecasts of construction cost escalation, by quarter and regions in the United States.



Monica Salazar - Construction Data Analyst II

Monica Salazar is a data analyst on the Construction Data Intelligence® team at AtkinsRéalis. With a strong background in leveraging data to optimize construction costs and schedules, she builds dynamic Power BI dashboards that provide actionable insights, driving efficiency and cost savings in construction projects. In addition to data visualization, Monica has developed a data collection app for capturing site data, which is then used for field studies. She holds a bachelor's degree in applied mathematics from the University of California, Riverside.



David Frye - Chief Project Controls Manager

David Frye is a Senior Project Advisor for AtkinsRéalis supporting new Nuclear Power Projects in program/project management and project controls. David provided both application data sets and results validation during the development of the analysis tools on an active project for a client. He is certified as a PMI-PMP since 2003 and has graduate and post graduate degrees in engineering and business. David's experience spans a broad range of roles in large multi-billion dollar nuclear projects in both government and commercial arenas.

