

THOMAS C. LONG



Mr. Long is a Senior Executive Consultant with 28 years of experience as a forensic schedule analyst. He has worked on mega construction projects in the Middle East, Europe, and the Americas. Mr. Long is the creator and developer of Time-Logic, a delay analysis software, which won the Royal Institute of Chartered Surveyors (RICS) Innovation Award in 2022. In addition, he was granted a U.S. Utility Patent based on recent insights in delay analysis methodology (Advanced Delay Analysis Mechanism, Patent US 11417044).

Mr. Long has provided expert witness and claims support on large infrastructure programs and imparted strategic advice on claims and dispute avoidance and best project control practices. He has published various articles for the Association for the Advancement of Cost Engineering (AACE) International, the Society of Construction Law (SCL), and the International Bar Association. He has also been a guest speaker for SCL and AACE International conferences.

EDUCATION

Bachelor of Arts, Physics, Wabash College 1988–1992

PROFESSIONAL AFFILIATIONS

International Bar Association, Construction Law Division
Society of Construction Law
AACE International

TECHNICAL EXPERIENCE

- Conducted training courses in migrating Primavera Xer files into comprehensive daily windows analysis. Training sessions occurred in Istanbul, Toronto, Muscat, and Florida.
- Conducted seminars for MetroLinx schedulers on proper methods to document delays, accelerations and disruption and review of plan changes within monthly updates.
- Created software applications in various computer languages, including C++ and Delphi, to analyze schedules and accurately break down monthly submissions into windows analysis for presentations in various claims, dispute reviews, workshops, arbitrations, mediations, and litigation.
- Authorized Primavera trainer for training courses in scheduling throughout Florida, primarily for the Florida Department of Transportation.
- Author and presenter on project management topics about planning and scheduling, project schedule, change management, CPM schedule delay analysis, and construction claims.

PROJECT EXPERIENCE

Transportation

- Airport – Binding mediation expert witness for the Hammad Doha International Airport Project. Delivered expert testimony and delay analysis. (Doha, Qatar)
- Airport – Delay Analyst for Terminal 4, Dubai Airport. Conducted forensic delay analysis and supported claims preparation. (Dubai, UAE)

- Highway & Bridge – Expert witness in litigation for the 17th St. Causeway Bridge Project. Provided forensic delay analysis and legal testimony. (Florida, USA)
- Highway & Bridge – Delay Analyst for the John’s Pass Bridge Project. Delivered schedule reviews and disruption assessments. (Florida, USA)
- Highway & Bridge – Delay Analyst for the I-4 & I-275 Interchange in Ybor City. Conducted forensic schedule analysis and supported project controls. (Florida, USA)
- Highway & Bridge – Expert witness in litigation for the US-1 project in West Palm Beach. Provided delay analysis and supported legal proceedings. (Florida, USA)
- Railway – Expert witness in mediation, tandem expert process (concurrent expert evidence), and claims disputes of various multibillion-dollar railway projects on behalf of MetroLinx of Ontario. (2020 to 2025)
- Railway – Expert witness in Concurrent Expert Evidence Workshop, leading to the negotiated settlement of the delay and disruption claim against the City of Waterloo for its Waterloo Light Rail Project. Work included analysis of contractor’s claim and development of the counterclaim. (Ontario, Canada, 2020)

Energy, Power and Utilities

- Oil and Gas - Expert witness before the arbitral tribunal in binding arbitration on behalf of Farnas India in the dispute between ONGC Petro Additions Limited and Farnas Construction, New Delhi, India. Work included the preparation of Expert FCCI Evidence Affidavit, cross examination, presentation, and questioning by the tribunal. (2024)
- Power Station – Delay Analyst for the Al Aweer Gas Turbine Power Plant. Provided forensic schedule reviews and disruption assessments. (Dubai, UAE)
- Power Station – Delay Analyst for the Fujairah Gas Turbine Power Plant. Delivered schedule analysis and contractor performance evaluations. (Fujairah, UAE)
- Power Station – Delay Analyst for the Al Koraya Gas Turbine Power Plant. Conducted delay analysis and supported dispute resolution. (Koraya, Saudi Arabia)
- Utility – Delay Analyst for the Musafa Water Transmission Line. Delivered schedule analysis and delay reporting. (Abu Dhabi, UAE)

Residential and Commercial Buildings

- Building Complex – Delay Analyst for Msheireb Downtown City. Provided forensic schedule reviews and contractor performance assessments. (Doha, Qatar)
- Building Complex – Delay Analyst for the Qatar National Library. Conducted schedule impact analysis and supported project controls. (Doha, Qatar)
- Highrise Tower Complex – Delay Analyst for Business Bay Executive Towers. Delivered schedule impact assessments and project controls support. (Dubai, UAE)
- Highrise Tower Complex – Delay Analyst for The Lofts Project. Conducted delay analysis and supported claims preparation. (Dubai, UAE)
- Highrise Construction – Expert witness in arbitration on behalf of the Dubai Contracting Company for the Sama Tower, in downtown Dubai. Work included delay analysis and subsequent development of Expert Evidence Affidavit. Settled prior to formal arbitration proceedings. (2018)
- Hotel – Delay Analyst for the St. Regis Hotel Project. Conducted schedule reviews and disruption assessments. (Amman, Jordan)

- Hotel – Delay Analyst for the W-Hotel & Residences Development. Reviewed contractor schedules and identified delay sources. (Dubai, UAE)
- Municipal – Delay Analyst for the Qatar National Library Project. Assessed schedule performance and disruption impacts. (Doha, Qatar)
- Residential – Delay Analyst for the Al Bararie Development. Assessed schedule delays and contractor performance. (Dubai, UAE)
- Resort Complex – Delay Analyst for the Saraya Resort Development. Assessed schedule impacts and contractor performance. (Acaba, Jordan)
- Resort Complex – Arbitration expert witness for the Dahlak Island Resort Project. Provided forensic delay analysis and supported legal proceedings. (Dahlak, Eritrea)
- Tower Complex – Delay Analyst for Emaar Downtown Dubai Developments. Provided schedule impact assessments and project controls support. (Dubai, UAE)

Infrastructure

- Infrastructure – Development of counterclaims and delay and disruption analysis on behalf of ANS, a joint venture primary contractor, against the design subcontractor on the multibillion-dollar Fargo-Moorhead Diversion Channel Project in Fargo, North Dakota. (2025)
- Various – Training and implementation of delay analysis techniques using Time-Logic on Primavera schedule for all worldwide Tekfen International Projects. Projects included the FIFA World Cup Stadium in Qatar and the TANAP Line, which is one of the largest gas pipelines ever built from Azerbaijan to Greece. (Istanbul, Turkey, 2017 to 2020)

PROFESSIONAL EXPERIENCE**Long International, Inc.***Littleton, Colorado (August 2025 to Present)*

As a Senior Executive Consultant with Long International, Mr. Long provides construction claims analyses related to construction means and methods, technical issues, schedule delays, productivity losses, and damages quantification. Other duties include proactive CPM scheduling and schedule assurance services, cost control and monitoring services, and property damage and business interruption claim analyses.

Systech International*Atlanta, Georgia (July 2019 to August 2025)*

As a Senior Delay Analyst, Mr. Long oversaw the development and analysis of various complex delay claims. In addition, he served as an expert witness in mediation and arbitration and for expert evidence workshops. Mr. Long's duties also included training analysts and schedulers in the use of Time-Logic and Primavera for claims and counterclaims development.

Reticulum DMCC*Dubai, UAE (January 2016 to July 2019)*

Mr. Long was Director of Operations and Principal in charge of dispute resolution and delay analysis. In addition, he served as the lead expert in the analysis and resolution of multiple large and high-profile claims projects. He also frequently represented clients in settlement negotiations.

Hill International, Inc.*Muscat, Oman (June 1011 to December 2015)*

Mr. Long was a Senior Delay Analyst responsible for responding to all delays, acceleration, and disruption claims submitted during the New Muscat Airport Project. At the time, the New Muscat Airport Project was the largest dispute management project in Hill International's history.

Freelance Consultant in Dubai*Dubai, UAE (July 2008 to June 2011)*

Mr. Long was a freelance delay analyst working simultaneously for Schema Management, Driver Tret, Omnium Ltd, and DMCC Ltd. He developed delay claims and responded to various delay and disruption claims being handled by these companies, who were without in-house expertise but functioned primarily as quantum experts.

Transpath Inc*Jupiter, Florida (March 2000 to July 2008)*

As Director and Principal, Mr. Long oversaw monitoring delays and representing the Florida Department of Transportation (FDOT) in various delay claims in Districts 4, 5, 7, and the turnpike. He served as an expert witness in several cases that proceeded to litigation, including the US-1 in Lake Worth, and the 17th St. Causeway Project.

Greenhorne & O'Mara, Inc.*Greenbelt, Maryland (May 1985 to March 2000)*

Mr. Long was a Bridge Inspector, Surveyor, and CPM Scheduler. As a CPM Scheduler, most of his duties involved learning and following progress primarily on state highway and interstate highway projects. His last role with the company was as lead scheduler for the FDOT District 4. In this role, Mr. Long's duties were primarily to track progress of all projects and report delays and potential claims to the district and resident engineers.

PUBLICATIONS AND SPEAKING ENGAGEMENTS

"Schedule Updates Using Remaining Original Duration vs. Remaining Work Duration," AACE International, Technical Paper CDR-408230, 2023.

"Daily Windows Analysis Revisited," Society of Construction Law, International Conference, Istanbul, Turkey, 2023.

Guest Speaker, Annual SCL International Convention, Istanbul, Turkey, 2023.

"Advanced Delay Analysis Mechanism," United States Patent U.S. 11417044, August 2022.

Guest Speaker, Annual AACE International Convention, Chicago, USA, 2022.

Guest Speaker, Symposium for International Bar Association, Construction Law, Edinburgh, Scotland, 2019.

"Continuity in Analysing Delay," *Construction Law International*, Volume 13, Issue 3, 2018.