

**ANDRES ALVA, PE PSP**  
BERKELEY RESEARCH GROUP, LLC  
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## SUMMARY

Andres Alva, PE, PSP is a Managing Director with Berkeley Research Group, he has over twenty years of experience in the construction industry. He is bilingual in Spanish and English. He has worked with owners, contractors, construction managers, program managers, and other professionals on major construction projects in the United States and South America. He specializes in analyzing construction claims involving excessive changes, interference, and schedule delays. His work involves analyzing schedules and labor productivity, assessing entitlement to damages, and quantifying damages using the measured mile.

Mr. Alva analyzes and quantifies schedule delays, disruptions, and acceleration issues and performs various types of schedule analysis, including as-planned vs. as-built, time impact analysis, and windows schedule delay analysis. He also quantifies damages associated with productivity, construction defects, changes in work, and other loss issues. Mr. Alva has provided written and oral testimony or expert advice in several cases before the ICSID, ICC and different chamber of commerce.

Before joining BRG, Mr. Alva was a Project Controls manager with Parsons Transportation Group, where he implemented project controls systems for large US airports, focusing on scheduling, cost, change orders, and risk management. He received an MEng in industrial engineering from Rensselaer Polytechnic Institute. He is a certified Professional Engineer from the state of Florida. He also holds a Certified General Contractor license from Florida and a Planning Scheduling Professional certificate from the Association for the Advancement of Cost Engineering International (AACEI).

## EDUCATION

M.Eng.	Rensselaer Polytechnic Institute, 2003
B.S.	University of Lima, 1998

## PRESENT EMPLOYMENT

Berkeley Research Group  
2019 – Present: Managing Director  
2017 – 2019: Director  
2015 – 2017: Associate Director

## **PREVIOUS POSITIONS**

FTI Consulting

2015 – 2015: Senior Director

Parsons Corporation

2008 – 2015: Project Controls Manager

TDF, LLC

2006 – 2008: Scheduling Manager

## **PROJECT EXPERIENCE AND EXPERT APPOINTMENTS**

- Currently working on project controls supporting consulting services for the construction of the new Airport and runway in Lima, Peru.
- Currently working as an Expert Witness for an airport project construction in Trinidad & Tobago.
- Currently working as an Expert witness for an international arbitration for LNG Project located in Bahrain.
- Currently working as an Expert Witness in an ICC Arbitration for major oil Refinery Modernization in Peru.
- Testified as an Expert Witness in an ICC Arbitration for a major claim related to the construction of a metro Rail in Ecuador.
- Testified as an Expert Witness in a dispute board Arbitration to the construction of Water treatment Plant in Colombia.
- Testified as an Expert Witness appointed for an Arbitration in the Chamber of Commerce of Lima related to Copper Mine Plant.
- Testified as an Expert Witness appointed for the construction of a geothermal plant in Mexico.
- Testified as Expert Witness for delay, quantum and changes in an ICSID Arbitration for a major claim related to the construction of a Metro line Program in Lima, Peru.
- Prepared a report for the analysis of the actual cost of the construction of a Shopping Center in Panama.
- Currently working in an advisory report for Insurance Company related to construction delays for major PPP Infrastructure program in Colombia.

- Expert Witness appointed for an Arbitration for a Building in Lima, Peru.
- Prepared an expert report for the construction delays for the Marine contractor heavy works part of the US\$ 400M LNG regasification plant in Cartagena, Colombia.
- Prepared an expert report for the construction status at the time of termination for Marine contract heavy civil works in Cartagena, Colombia.
- Prepared a scheduling forensic report analysis for a Dispute Advisory Panel (DAP) related to the tunnel construction structures at Fort Lauderdale Hollywood International Airport. Served also as advisory to the Construction Manager.
- Prepared delay analysis and damages quantification for a Cellulose Plant in Uruguay to be used in an expert report.
- Provided advice and strategy to different rebuttal position papers for a Mine Project expert report.
- Expansion of the new Runway 9R-27L, Fort Lauderdale Hollywood International Airport. Project Controls Manager. Developed Program Mitigations when required in conjunction with Contractor Work Packages along with Risk Management assessments.
- WP302 Site Preparation and NAVAIDS Infrastructure, Fort Lauderdale Hollywood International Airport. Scheduler Manager.
- WP303 Design Build U.S1/FEC Structures, Fort Lauderdale Hollywood International Airport. Scheduler Manager. Reviewed and analyzed Contractors Claims and support reports to the Dispute Board Panel.
- WP304 Runway, Cross field Taxiway, and Hold Pad Paving, Lighting and Signage Fort Lauderdale Hollywood International Airport. Scheduler Manager. Reviewed, analyzed and approved Contractor Schedule by each Work Package.
- Prepared a loss of productivity study for the Paving Operations in order to open the Runway on time, Fort Lauderdale Hollywood International Airport.
- LaGuardia International Airport, Scheduler Claim Consultant. Reviewed contractor claims related to a time extension.
- National Security Agency (NSA), Scheduler Claim Consultant.
- Miami International Airport North Terminal Program. A-B Project Infill Schell and Interior. Project also includes renovation of the existing Terminal A-B and Concourse A space.
- Miami International Airport North Terminal Program. APM Stations Constructions. The project includes construction of two Automated People Mover (APM) Stations A and B and the elevated rail guideway between them, located on the roof level of the terminal expansion structure. Chief Scheduler.

- Miami International Airport North Terminal Program. Baggage Handling System (BHS) areas coordination. Scheduler.
- Miami International Airport North Terminal Program. Center Federal Inspection Services (CFIS). The facility is comprised of operating offices for Immigration and Naturalization, US Customs, Public Health Officials, US Department of Agriculture, Homeland Security, TSA, MDAD International Operations, and American Airlines International Operations. Chief Scheduler.
- Thurgood Marshall US Federal Courthouse Renovation, NY. Chief Scheduler. Prepared a cost-loaded and resource-loaded CPM baseline schedule and monthly schedule updates for a general contractor at a multi-phased U.S. Federal Courthouse under the GSA scheduling specification.
- WMATA Blue Largo Extension 3.1-mile project, Maryland. Project involved joint venture design-build construction of the Largo Extension, an extension of the Blue Line Metrorail (Heavy Rail System) near Washington, D.C. Scheduling Claim Consultant.
- Capitol Visit Center at the AOC, Washington, DC. Claims Consultant.
- Dulles Corridor Metrorail, Maryland. Scheduling Consultant.
- Bronx Courthouses, NY. Claim Consultant. Prepared a database with all the issues to support the as-built schedule.
- Holyday Inn Express, Miami. Project Manager.
- Hotel Strand, Miami Beach. Project Manager.
- Implemented a Production Control Software for a Stone fabrication company to integrate production activities using PCP techniques. Created and implemented new production procedures according to quality standards such as ISO 14000 series.
- SINCOR Downstream, Franja de Jose, Venezuela. Pre-fabrication Planning Engineer.
- SINCOR Downstream, Franja de Jose, Venezuela. Project Engineer. Developed an optimization model for the selection of the main pre-fabrication parameters (welding, painting, piping erection, EPC Analysis, supply chain, work cell analysis & lean manufacturing).
- Real Club Hotel Construction, Lima Peru. Planning and Cost Engineer.

## **PROFESSIONAL AFFILIATIONS**

### ***Present***

Florida Regional Director for Society Construction of Law North America, 2019–present

Professional Engineer registered. Florida Board of Engineers.  
Certified General Contractor. Florida Contractor Licensee  
Planning Scheduling Professional. AACEI

## ***PUBLICATIONS***

## **ARTICLES**

- (1) Employee Monitoring Could Make Business More Profitable – And Employees More Satisfied. ThinkSet. July 25, 2019.

## **CONFERENCES & SPEAKING ENGAGEMENTS**

To What Extent Can Technology Reduce Risks in Construction Projects in US and LatAm?.  
September 12, 2019

Construction Super Conference  
December 12, 2018

Eighth International Society of Construction Law Conference  
September 26-28, 2018

CONDEC 2017: Second National Congress on Construction  
November 14, 2017

The Future of Construction Law  
November 8-9, 2016

21 Years of Building Specialty: Six Lessons Learned  
August 5, 2016