

2014 AACE INTERNATIONAL TRANSACTIONS

FOREWORD

BUILDING INFORMATION MODELING (BIM)

BIM.1591	<i>Environmental Performance of Buildings: Linking Practical BIM/ICT to Practical Policymaking</i>	Dr. Alan M. Redmond; Dr. Bob Smith; Dana Kennish Smith
----------	--	--

CLAIMS AND DISPUTE RESOLUTION (CDR)

CDR.1510	<i>Trends in Construction Claims & Disputes</i>	James G. Zack Jr., CFCC
CDR.1526	<i>Ranking AACE International's Forensic Schedule Analysis Methodologies</i>	Robert M. D'Onofrio, PE
CDR.1554	<i>A Method of Improving Delay Costs Calculations</i>	Barry Allan Tozer
CDR.1593	<i>Forensic Schedule Analysis Methods: Reconciliation of Different Results</i>	John C. Livengood, CFCC PSP; Patrick M. Kelly, PE PSP
CDR.1632	<i>Great Debate: Is Cumulative Impact a Provable Reality?</i>	Pat Kelly, PSP; Robert Kelly Jr., CFCC PSP; Mark Nagata, PSP; Dr. Anamaria Popescu, PE PSP
CDR.1659	<i>Lost Productivity – Finding the Missing Puzzle Pieces and Contract Bars</i>	Dr. Tong Zhao, PE PSP; J. Mark Dungan
CDR.1669	<i>Performing Forensic Analysis on Complex EPC Schedules</i>	Michael Dennis, CCP
CDR.1683	<i>Untangling Concurrent Delay on Pipeline Projects</i>	Greta Martin, PE PSP; Jeffery L. Ottesen, PE PSP CFCC
CDR.1696	<i>Implementing Complex Time Impact Analyses on Oil & Gas Projects</i>	Ronald J. Rider; Rod C. Carter, CCP PSP
CDR.1700	<i>Quantifying Disruption in Power Projects Using the Measured Mile Analysis</i>	Anthony Gonzales; Jesus Schuldes; Adrian G. Saldanha
CDR.1713	<i>Macro-economic Impact of Payment-related Construction Delays in Nine Emerging Markets</i>	Dr. Jay Palmos, CFCC PSP
CDR.1730	<i>Why Collaboration is the Key to Successful Projects</i>	Christopher M. Anzidei; Christopher J. Brasco; Adam M. Tuckman; Robert Fraga; Ralph Kreider
CDR.1757	<i>Pricing and Proving Delay Claims</i>	Michael Berta; Joshua Ritti

COST AND SCHEDULE CONTROL (CSC)

CSC.1494	<i>Proposal Review and Negotiation</i>	Dean G. Stracuzza
CSC.1533	<i>The Cost Modeling Process from a Lean Manufacturing Perspective</i>	Dr. Ysolina Delgado Arvelo
CSC.1577	<i>CIS Methodology for Integrated Project Controls Reporting</i>	Elena Rybina; Dmitriy Skorobogatov; Sean T. Regan, CCP CEP; Julie Owen, CCP PSP
CSC.1582	<i>The Project Controls Manager's Survival Guidebook</i>	Leslie E. McMullan
CSC.1609	<i>Contributions of Engineering Productivity to Utility Sector Projects</i>	Mark von Leffern
CSC.1690	<i>Cost Benefits of Entity-Controlled Insurance Programs</i>	Neil D. Opfer, CCP CEP PSP; Dr. David R. Shields, PE
CSC.1710	<i>Analytical Program Management: A Case Study in Large-Scale Program Integration</i>	Graham Gilmer; Eric Druker
CSC.1711	<i>Project Cost Management in Multiple Currencies: A Case Study</i>	Natalia Wenger, CCP; Jochun W. Lai, CCP
CSC.1742	<i>Simplifying Cash Flow Analysis to Be An Effective and Manageable Tool</i>	Jake Ortego, PE; Antonio Fratangelo, CCP
CSC.1758	<i>Successful Project Controls in an Accounting Structured Organization</i>	Michelle Lawrence

2014 AACE INTERNATIONAL TRANSACTIONS

PROFESSIONAL DEVELOPMENT (DEV)

DEV.1628	<i>A Recent College Graduate's Experience in the Estimating Profession</i>	Jim Cain
DEV.1634	<i>Benchmarking and a Methodology for Finding Causality</i>	Dr. Sang-Hoon Lee; Matthew T. Reiland; James D. Whiteside II, PE
DEV.1689	<i>Times of Change: The Future of Professional Institutions in the Built Environment</i>	Dr. Alexia A Nalewaik, CCP; Dr. Anthony J. Mills
DEV.1693	<i>How Effective Are Your Project Communications?</i>	Joseph A. Lukas, PE CCP
DEV.1760	<i>Soft Skills are Vital for Effective Project Controls</i>	Christopher W. Carson, CEP DRMP PSP; Patrick C. Kelly, PSP

ESTIMATING (EST)

EST.1497	<i>Factors Affecting Labor Productivity in Saudi Arabia</i>	Dr. Ali Ali Shash; Abdullah A. Alsagoub
EST.1559	<i>Software Project Cost Estimation Based on Quick Function Point Method</i>	Dr. Cao Ji; Cao Guangyi; Wen Li
EST.1579	<i>A DIY (Do It Yourself) Unit Cost Database</i>	William E. Kraus, PE FRICS CCP
EST.1619	<i>Benchmarking Mining and Minerals Processing Projects</i>	Frederick Biery; Margaret Stewart
EST.1622	<i>Schedule and Cost Advantages of Modularized Steel Plate Concrete Construction</i>	Jae Hang Lee; Jun Hee Lee; Donghoon Chung; Ki Ouk Kim; Sung Jin Kim
EST.1648	<i>Cost Estimating for Offshore Oil & Gas Facility Decommissioning</i>	Dr. Robert C. Byrd, PE; Donald J. Miller; Steven M. Wiese
EST.1754	<i>Forecasting Price Indices and Modeling Correlations with R</i>	Dr. Xiuzhan Guo

EARNED VALUE MANAGEMENT (EVM)

EVM.1552	<i>Planning for EVM within Basic Project Controls Deliverables</i>	Dr. Peerapong Aramvareekul, PSP EVP; Ronald D. Stephens
EVM.1556	<i>Why Earned Value Metrics Sometimes Deceive Management</i>	Thomas W. Jaeger, EVP
EVM.1636	<i>Earned Value in the Oil and Gas Industry</i>	Marlene Hyde, CCP EVP; Nick Kellar, CCP EVP PSP
EVM.1649	<i>Cost and Schedule Reserves in a Project Baseline, an Owners and Contactor's Perspective</i>	Dan Melamed, CCP EVP; Robert Loop, EVP PSP
EVM.1668	<i>It's All about Scope Management</i>	Robert Loop, EVP PSP
EVM.1679	<i>Using EV Everyday</i>	Sheri L. Crowe, EVP and Amy D. Basche
EVM.1747	<i>Effective Use of Earned Value for Controlling Construction Projects</i>	Laurie Bowman, CCP DRMP EVP PSP; Mina Sabouri, PSP

OWNER ISSUES (OWN)

OWN.1507	<i>Establishing Business Management System for Oil and Gas Projects</i>	Sean T. Regan, CCP CEP
OWN.1541	<i>Can "Project Management Contractors (PCM)" Fill Owners' Cost Engineering Needs for Major Capital Projects?</i>	Stephen L. Cabano; Paul G. Williams
OWN.1545	<i>Owner Cost Estimate Reviews</i>	Allen C. Hamilton, CCP
OWN.1547	<i>Improving Owner's Cost Estimating Processes and Practices – NOC Perspective</i>	Johnson Olugbenleke Awoyomi, CCP
OWN.1549	<i>Remote Site Camp Costs Optimization for Mega Oil/Gas Projects</i>	Yuhong (Tony) Wu, CCP; Ming Lu
OWN.1560	<i>Oil & Gas Reimbursable Construction Contracts Cost Management – An Owner's Perspective</i>	Moses Y. Nkuah, CCP

2014 AACE INTERNATIONAL TRANSACTIONS

OWN.1564	<i>Third Party Cold-eyed Estimate Reviews and Validations</i>	Douglas W. Leo, FRICS CCP CEP; Dr. Stephen Warhoe, PE CCP CFCC
OWN.1566	<i>Public Construction Projects – Failures in Forecasting: Honest Mistakes... and Otherwise</i>	William M. Hart, PE CFCC PSP
OWN.1592	<i>Owner’s Guidelines for Specifying Schedule Deliverables from EPC Contractors</i>	Himansu Bhaumik
OWN.1641	<i>Strategies to Reduce Risks for Utility Owners on Transportation Projects</i>	Maureen Wakeland; Charon Williams
OWN.1670	<i>Integrated Project Reporting Using Dashboards: Harnessing the Power of Primavera P6</i>	John W. Blodgett; Brian Criss, PSP
OWN.1680	<i>Owner Assurance Reviews: What to Consider?</i>	Christopher P. Caddell, CCP DRMP
OWN.1695	<i>Games Contractors Play</i>	Joseph A. Lukas, PE CCP

PROJECT MANAGEMENT (PM)

PM.1492	<i>Vital Signs of a Healthy Project Management Environment</i>	Dr. Vittal S. Anantatmula; Dr. Parviz F. Rad, PE CCP
PM.1525	<i>Systems Engineering Methods Applied to Megaprojects: A Critique</i>	Calvin Speight, Jr., CCP
PM.1671	<i>Megaprojects: Insights for Not Losing Billions of Dollars</i>	Rafael Gonçalves Monteiro; Thiago Henrique Rezende Medeiros
PM.1674	<i>Project Controls Support to Project Management</i>	Dr. Mohamed E. El-Mehalawi
PM.1744	<i>Today’s Buzz Words – Optimism Bias</i>	J. Michael Devine, CCP

PLANNING AND SCHEDULING (PS)

PS.1521	<i>The Care and Feeding of P6 Databases, Part 2</i>	Ronald M. Winter PSP
PS.1548	<i>Integrated Scheduling for Non-Schedulers</i>	Brandon Atkins, PE
PS.1595	<i>AACE International Recommended Practice 78R-13, Original Baseline Schedule Review - As Applied in Engineering, Procurement, and Construction</i>	Ronald M. Winter, PSP
PS.1597	<i>Construction Progress Measurement Tool for Small Projects</i>	Syd Daneshyar; Peter Walker
PS.1604	<i>Lean Construction Planning Implementation</i>	Hannah E. Schumacher, PSP; Donna J. Nardella, PE EVP PSP
PS.1617	<i>Origin, Theory and Application of the “T-week” Scheduling Process</i>	Jared M. Neumeier, PSP
PS.1642	<i>Successful Use of Priority-Driven Resource Leveling in P6</i>	Greg M. Hall
PS.1660	<i>Is CPM Scheduling a Problem — Have We Forgotten The Process?</i>	Robert Marshall Freas; Ketan S. Tipnis
PS.1691	<i>Calculating the As-Built Critical Path</i>	Andrew Avalon, PE PSP
PS.1720	<i>Benefits of an Effective Construction Manager’s Shadow Schedule</i>	Hector Arias; Alberto Martinez; Efe Eray Tuncay
PS.1734	<i>Evaluation of Baseline Schedule Metrics for Successful Project Schedule Performance</i>	Jin Ouk Choi; Anthony J. Gonzales
PS.1739	<i>Reviewing Means of Calculating Schedule Updates with Out-of-Sequence Progress</i>	Dr. Fredric L. Plotnick, PE

2014 AACE INTERNATIONAL TRANSACTIONS

DECISION AND RISK MANAGEMENT (RISK)

RISK.1504	<i>Critical Decision Making for Project Planners and Controllers</i>	Frank R. Parth
RISK.1522	<i>Construction Risk Estimating and Management</i>	Daniel Holzman, CCP
RISK.1523	<i>Estimating Risks</i>	Ovidiu Cretu; Vlad Cretu
RISK.1544	<i>Risks Associated with Concession-Based Contracts in Lagos State, Nigeria</i>	Godwin Onajite Jagboro; Dr. Grace Kehinde Ojo; Akintayo Opawole; Gabriel Akindoyin Sanni
RISK.1574	<i>Managing Risks in Supplier Design Integration</i>	Richard C. Plumery, EVP
RISK.1584	<i>Risk Analysis at the Edge of Chaos</i>	John K. Hollmann, PE CEP DRMP
RISK.1587	<i>Bracket Budgeting</i>	Michael W. Curran, DRMP
RISK.1594	<i>The Flaw of Averages and the Use of Statistical Tools in Project Environment</i>	Thiago Henrique Rezende Medeiros; Rafael Gonçalves Monteiro
RISK.1626	<i>Uncertainty Assessment of Business Plans Using Monte Carlo Simulations</i>	Antoine de Chillaz; Bruno Rodrigues
RISK.1639	<i>Building an Enterprise Risk Management Program</i>	David Huter, PE; Tooran Khosh, PE; Nicholas Johnson, PE; Michael Watry, PE
RISK.1662	<i>Using Stochastic Optimization to Improve Risk Mitigation</i>	Eric Druker; Graham Gilmer; Dr. David T. Hulett
RISK.1684	<i>Schedule Review of the Risk Model for Pipeline Projects</i>	Gregory J. Whiteside, CCP
RISK.1698	<i>Integrating with Project Schedule Risk Improves Analysis of Cost Risk</i>	Dr. David T. Hulett; Eric Druker
RISK.1721	<i>Variability in Accuracy Ranges: A Case Study in the Canadian Hydropower Industry</i>	John K. Hollmann, PE CCP CEP DRMP; Raminder S. Bali, P.Eng; John M. Boots, P.Eng; Chantale Germain, P.Eng; Michel Guevremont, P.Eng PSP; Kelman Kai-man Ng, P.Eng
RISK.1763	<i>Planning and Estimating Risky Projects: Oil and Gas Exploration</i>	Colin H. Cropley; Matthew D. Dodds; Grant Christie
RISK.1764	<i>Contract Risk Allocation - As Applied in Engineering, Procurement, and Construction</i>	AACE International

AUTHOR INDEX

TITLE AND COPYRIGHT NOTICE