

**ASPE
ORANGE
COUNTY
CHAPTER 3**

AMERICAN SOCIETY OF PROFESSIONAL ESTIMATORS

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ORANGE SPEEL

NEWSLETTER



OUR MISSION

Since 1956, ASPE serves the construction & engineering industries by providing education, training, fellowship and opportunities for professional estimating development.



PRESIDENT'S CORNER

VICE PRESIDENT'S MESSAGE

Greetings!

2010 is proving to be an exceptional year for our chapter!

We continue to grow our membership with new faces, new voices, and new ideas. Our growth is incumbent on each member spreading the word about our great organization! It should be each member's mission to bring in at least one new member for the year!

On another note, the economy continues to be sluggish with small signs of upward trends. This is a great opportunity to utilize our chapter to network into a new position or find that next stellar candidate. As the economy continues to improve, so will the demand for qualified certified estimators. Several entities such as the Corps. of Engineers and the GSA are requiring all estimates to be certified by an accredited estimator. More public entities will be following this trend.

LEED certification continues to be a big part of our industry and our chapter is doing its part by sponsoring a workshop towards the middle of this year. I encourage everyone to take advantage of this valuable resource.

That's it for now. I look forward to seeing everyone at the next chapter meeting!

- *Mike Mills*

CALENDAR OF EVENTS

- February 10, 2010 – Orange County Economic Outlook by Professor Morteza Rahmatian, Ph.D., Chair, Department of Economics, California State University, Fullerton
- February, 2010 - Job Walk: Escorted by Performance Contracting, Inc. (TENTATIVE)
- March 10, 2010 – BIM Estimating
- April 14, 2010 – LEED

NEW MEMBERS

Chapter 3 would like to welcome the following new member(s):

- Allen Wortman, Red Hill Services Construction

REMINDER: NEW DINNER MEETING VENUE

As a friendly reminder, we will be meeting at our new dinner meeting venue at the Ayres Hotel located at 325 Bristol Street in Costa Mesa. Check out the website below...

www.ayreshotels.com



Mike Mills,
Vice President, ASPE
Chapter 3

ASPE

CODE OF ETHICS

Canon #1

Professional Estimators shall perform services in areas of their discipline and competence.

Canon #2

Professional Estimators shall continue to expand their professional capabilities through continuing education programs to better enable them to better serve their clients, employers and the industry.

Canon #3

Professional Estimators shall conduct themselves in a manner, which will promote cooperation and good relations among members of our profession and those directly related to our profession.

Canon #4

Professional Estimators shall safeguard and keep in confidence all knowledge of the business affairs and technical procedures of an employer of client.

Canon #5

Professional Estimators shall conduct themselves with integrity at all times and not knowingly or willingly enter into agreements that violate the laws of the United States of America or of the states in which they practice.

EXTRA, EXTRA!!!

ESTIMATING ACADEMY, 2010

By: Wil Beukman

On Saturday, May 22nd, we propose to hold our second annual estimating academy. Last year, the theme was "Back to Basics." This year we intend to have three modules.

Saturday morning will have 2 concurrent tracts:

Basic Estimating: 8AM – 12PM

Advanced Estimating: 8AM – 12PM

Saturday afternoon will be one tract:

BIM take-off – Duration of afternoon

Please feel free to give us suggestions on specific topics you would like to see covered.

2010 FUNDRAISING NEEDS

By: Anita Beukman

It's the beginning of the New Year and companies already planned or are busy planning their budgets for the forthcoming year.

ASPE is a non-profit organization and our Community/Charity contributions are dependent on our member participation. We contribute scholarships to needy students in the Construction Industry on an annual basis, but can only contribute the amount received by our fundraising opportunities.

Our fundraiser for our scholarship this year will be our 2nd annual golf tournament scheduled for the summer on August 4, 2010. We would like to see more golfers participate as well as more sponsors.

Dear member, this is where you could make a difference – please pencil this event into your calendar and sign up for it. If you are a golfer – we would love you playing in the tournament. If you are a possible sponsor – I would love to work with you on the best solution for branding of your business during our tournament.

This is a great opportunity to brand your business – for your sponsorship you are allowed to put up a banner at the golf course, you can add an advertisement/logo to our newsletter or even link your website to ours. There are so many possibilities – please contact me at (714) 642-5948. Sponsorships start at the small amount of \$250/hole. The sponsorship amount depends on the visibility you would like for your business.

Thank you in advance for your support, participation, and contributions. I am looking forward to working with you in 2010.



ASPE Code of Ethics

Continued...

Canon #6

Professional Estimators shall utilize their education, years of experience and acquired skills in the preparation of each estimate or assignment with full commitment to make each estimate or assignment as detailed and accurate as their talents and abilities allow.

Canon #7

Professional Estimators shall not engage in the practices of "bid peddling" as defined by this code. This is a breach of moral and ethical standards, and a member of this society shall not enter into this practice.

Canon #8

Professional Estimators and those in training to be estimators shall not enter into any agreement that may be considered acts of collusion or conspiracy (bid rigging) with the implied or expressed purpose of defrauding clients. Acts of this type are in direct violation of the Code of Ethics of the American Society of Professional Estimator

Canon #9

Professional Estimators and those in training to be estimators shall not participate in acts, such as the giving or receiving of gifts, that are intended to be or may be construed as being unlawful acts of bribery.

[EXTRA, EXTRA!!!]

GLASS & GLAZING 101

By: Matt Kamper, Pre-Construction Estimator with Heinaman Contract Glazing

The Glazing Trade scopes of work often include more than just glass and glazing; i.e. windows. A few mentioned here are the differences between curtain wall and storefront aluminum systems, specialty systems such as structural glass walls, channel glass, and glass floors, in addition to fire rated and non-rated windows and doors, façade metal and clay tile panel systems, guardrail systems, and shading elements. The cost impacts of these vary within and between each system type. Accurate cost estimating must take into account these elements, many of which are design-built today and no longer reflect standard system pricing traditionally used. Our January presentation to the Orange County chapter of the American Society of Professional Estimators addressed these various price differences amongst the myriad of building systems covered by a glazing subcontractor. Special considerations to avoid and/or be aware of were highlighted, as were various tips and hints for accurate cost estimating these items. With the increasing price of aluminum, even amidst this economic slowdown, it is beginning to impact the glazing trade and once again push towards higher prices.

A brief history of architectural glass begins with plate glass being produced as early as the 17th century. This glass required polishing on both sides, done by hand, and was extremely expensive. With the industrial revolution came more cost effective means of producing and polishing plate glass, and much of it was used in early automobile windshields. Sheet glass was invented in 1902. First used for windows prior to world war one, it had distortion and clarity issues, and thus had limited use. Not until the float glass process was invented in 1959 did glass products as we know them today become available. Float glass is produced as a continuous ribbon of molten glass passed from the furnace onto a bath of molten tin. It is cooled under specific conditions to produce annealed monolithic glass. This monolithic glass is then processed further thorough heat treatment and various methods to create the varied product configurations and applications. Once a float glass plant is brought online, it stays online producing glass. In later newsletters we will address individual and categories of glass products used in architectural applications.

It was a great opportunity to present to the chapter members, and we at Heinaman Contract Glazing look forward to continued conversations and providing assistance to members related to the Glazing Trade. Thank you again.

ASPE SCHOLARSHIP- \$5,000

ASPE National \$5,000

Undergraduate Scholarship Applications are due by February 15th and are available at http://www.aspenational.org/Education_Scholarships.aspx

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FOR YOUR INFORMATION...

COMPANY MEMBER REPRESENTATIVES

ABACUS Project Management, Inc. AGC San Diego Plan Room American Constructors Analytical Planning Services, Inc. Bel Esprit Builders, Inc. Bert L. Howe and Associates Brussel Consulting & Const Mgmt Casper Estimating Services Consolidated Contracting Services Contracting Engineers Inc. Contractors & Cost Consultants Corecon Technologies Inc. Cumming Corporation Construction Cost Controls DDL Construction Disneyland Resorts AECOM Faithful + Gould GKK Works Heinaman Contract Glazing Herzog Contracting Corp. HMC Architects Innovative Dimensions Inc. Jacobs Engineering JBH Structural Concrete Inc. Kanda Project Services Corp Kerry Contractors, Inc. KFHP Inc. KGA, Inc. KHS&S L&R Construction Inc. Lawrence P. Lee & Associates Lombard Consulting Services, Inc. M. Cangro Development Mack5 Madsen, Kneppers & Associates Marlin Construction Consulting & Assoc. O'Connor Construction Management, Inc. Pacific Rim Mechanical Contr. Inc. Performance Contracting, Inc. Pete Fowler Construction Services, Inc. Phoenix Planning Project Control Assoc. LLC Raymond Interior Systems Red Hill Services Construction RCR Mechanical Ronald Fedman Associates, Inc. Suffolk Construction Swinerton Builders The Clark Construction Group Timko Inc.



45 FOLLOWERS ON TWITTER!

FOLLOW US TOO! "ASPE3ORANGECTY"

TWITTER ACCOUNT

By: Paulette Rutlen

Twitter: **ASPE3OrangeCty**

Do you Tweet? With the advent of all of the social networking going on I figured we should be keeping up with the technology. For those of you not in the know, Twitter is a website that allows postings, called tweets, of no more than 144 keystrokes (yes, spaces count). With Twitter you can find individuals such as ASPE's national Executive Director (ASPENatExecDir), other chapters (ASPE12Reno or ASPE51SLCUtah), construction related organizations such as NAWIC, MC2, or McGraw Hill.

It costs nothing to establish a Twitter account. Just go to www.twitter.com, click on **Sign up now**, and follow the simple instructions so that you too can tweet, or just follow others who do. You won't get a bunch of spam email, only notifications when someone has started following your tweets. If you do not think they are people you want following you, you may block them.

I intend on finding links to individuals and organizations that may be of interest to our membership. If you find an organization that you think would be of interest to our chapter membership let me know. Just post a tweet to ASPE3OrangeCty and I'll be sure to link us to the account.

Do you have insights to pass on to our membership regarding the construction industry in Orange County? With a Twitter account you can pass them along quickly. After all, how long can it take to type 144 characters? See a website or blog you think may be of interest, post the link with one tweet and the whole chapter can see it too.

Try it out. Even if you never post anything, you can follow the postings of whoever you may find interesting. Hopefully, one of those will be ASPE3OrangeCty.

FACEBOOK ACCOUNT

facebook

12 FACEBOOK FRIENDS!

By: Anita Beukman

Our chapter Facebook account is up & running—ASPE Chapter 3, Orange County—we have added a few friends from last month and we need more! If you have an account, look us up, so you can follow our status for upcoming events!

BECOME OUR FACEBOOK FRIEND & LOOK US UP:

"ASPE CHAPTER 3, ORANGE COUNTY"

ASPE ORANGE COUNTY CHAPTER 3

MEETING INFORMATION

Date: Wednesday, February 10, 2010

Location: Ayres Hotel

Time: 5:30 p.m. - Social Hour & Networking

325 Bristol St.

6:30 p.m. - Program & Dinner

Costa Mesa, CA 92626



COST: \$40

(Baked Chicken Tarragon, Teriyaki Beef Skewers, & Vegetable Lasagna)

RSVP at www.aspechapter3.org



TOPIC

THE RECOVERY: ARE WE THERE YET? CONVERGING TO A NEW “NORMAL”

Join us as we are educated on the current economy and how it relates directly to Orange County.

PRESENTED BY

DR. MORTEZA RAHMATIAN

CHAIR OF DEPT. OF ECONOMICS, CSUF



Morteza Rahmatian is the Chair of the Department of Economics at the California State University, Fullerton (CSUF) located in Fullerton, California. He has held this position since the summer of 2004. Dr. Rahmatian served as an assistant professor and undergraduate coordinator at West Virginia University, Morgantown, West Virginia from 1982-1988. In 1988, he joined CSUF and resumed his academic career as an associate professor in the Department of Economics. As Director for the Center for Economics at CSUF from 1993-1999, he worked with economics instructors on various educational programs. He has served on a wide variety of department and college committees, including the CSUF Executive Committee.

Dr. Rahmatian has extensive experience in the field of environmental economics with heavy emphasis in non-market valuation, and has worked on a number of research grants funded by federal, state, and local government.

His educational background includes an undergraduate degree in the field of economics from the National University of Iran, and an M.A. and P.D in economics from the University of Wyoming. He has published many articles in the field of environmental economics and has taught in this field at the undergraduate, masters and Ph.D. levels. His professional record includes over 100 presentations at national and international conferences. A comprehensive review of his scholarly and professional activities is listed on his résumé.

JANUARY DINNER MEETING RECAP

By: Danielle Leyva

Our January meeting was a good one. If you missed it, you definitely missed out. Not only did we start the year out right at our new meeting venue (with a wonderful turnout) but we had a great first presenter of the New Year! Matt Kamper with Heinaman Glazing presented to us a very informative discussion on Glass and Glazing. It was a well-put together presentation that kept the audience interested and of course what all estimators like, also gave us some insight to the costs of some of the systems that he presented. Please see Matt's article under our **Extra Extra** section called Glass and Glazing 101 for a more in-depth look at what he presented to us that evening. Looking forward to more great meetings in the months ahead.



MEMBER SPOTLIGHT

DAN BULOSAN

JACOBS ENGINEERING

SENIOR COST ESTIMATOR

Interview conducted by: Danielle Leyva

DL: How long have you been a member of ASPE and what is the extent of your involvement in this professional organization? Or, if you just joined ASPE, why did you join this professional organization?

DB: I recently joined because ASPE provides networking, estimating collaboration, and insight to what other estimators are doing in the profession.

DL: Can you take us through how you started in the construction industry into today?

DB: I started of in the construction industry as an electrician in the US Army Reserve. Then I worked in the trenches for an underground utility company. Progressing on, I went back to college and graduated from the University of Hawaii with a BS in Civil Engineering. After several years of working in the field, my career path led me to construction and project management. I gravitated to the cost and estimating portion of the work.

DL: What firm do you currently work for and what is your position at this firm?

DB: I currently work for Jacobs Engineering as a Senior Cost Estimator.

DL: Do you plan on becoming a Certified Professional Estimator?

DB: Yes, I want to become a CPE.

DL: Why do you think becoming a CPE is so important for our industry?

DB: It is important for our industry to be a CPE for the recognition and confidence it gives our clients.

DL: What types of projects do you most enjoy estimating?

DB: I like to estimate new and exciting projects that are outside of the typical building construction. For example, I am currently working on a Data Center project doing cost analysis on many different scenarios for the designer to drive the construction cost down.

DL: What kind of activities and / or interests do you most enjoy when not estimating?

DB: I enjoy watching my two daughters' school tennis games, basketball games, dance and vocal performances. Hobbies include tennis and going to Vegas to play Black Jack and Baccarat.

DL: Thanks Dan for participating in this month's *Member Spotlight!*



TECHNICAL ARTICLE & PROBLEM OF THE MONTH

TECHNICAL ARTICLE

FRP COMPOSITES*

By: Crystal Huey

Many people think FRP (fiber reinforced polymer) composites are fairly new to the building construction world; however they were developed in the 1940s. FRP is valued because it's a strong, corrosive-free, economical alternative to steel. FRP composites are reinforced plastics that are constructed by bonding an epoxy, polyester or nylon with a glass or carbon.

Over the last decade architects and contractors have used components made of FRP composites due to their heavy strength, durability and lightweight qualities. Their strength and versatility has allowed them to be used not only in aerospace and automotive applications, but also in civil engineering projects.

What's amazing is that FRP composites have 1/5 the weight of steel, and provide more strength per unit of weight than most metals. FRP composites were not recognized by code until recently. The International Code Council accepted a code change proposal from the American Composites Manufacturers Association and added a specific section to the 2009 IBC.

*Please note, the facts of this article were based on information provided in the FRP Composites (Re)Considered article from REED Construction Data on January 18, 2010 by Wayne Engebretson.

PROBLEM OF THE MONTH

By: Crystal Huey

Question: Where FRP components are used as building ornamentation, what are the installation requirements? In addition, calculate how much would it cost to cover the exterior of a building with FRP composite paneling if you have a building perimeter of 1,104 linear feet and an exterior wall height of 22' with an FRP composite panel price of \$16.00/sf.

Answer: They must be fire retardant and installed directly to a noncombustible substrate. $1104 \times 22 = 24,288\text{SF}$
 $24,288 \text{ sf} \times \$16 = \$388,608$ cost to cover the exterior of a building with FRP composite paneling.

ASPE ORANGE COUNTY CHAPTER 3

ADVERTISING OPPORTUNITIES

Business Card	Per Issue	\$25.00	If you would like to advertise with us, contact Danielle Leyva at dleyva@mack5.com for more details.
¼ Page Ad	Per Issue	\$50.00	
½ Page Ad	Per Issue	\$100.00	
Full Page Ad	Per Issue	\$200.00	

BECOME A MEMBER

Applications for membership can be downloaded from the national website, www.aspenational.org, or on our local website, www.aspechapter3.org. For more information, contact Ron Svarc at kickerron@cox.net.

THOUGHTS OR SUGGESTIONS?

We are looking for your ideas and input regarding our newsletter and dinner programs. Do you have an idea for an upcoming dinner meeting? Would you like to be a presenter at one of our dinner meetings? Is there a topic of discussion that we should write an article about? Would you like to be a contributor to our newsletter? Please contact Danielle Leyva at dleyva@mack5.com

VOLUNTEERS WANTED!

We need your help! Anyone who is interested in serving on a committee for the OC chapter, please contact Wil Beukman at willem.beukman@fgould.com for more information. This is a great way to give back to ASPE both personally and professionally. We encourage you to attend a board meeting to see what it's all about. We meet every other month in a physical location and all ASPE members are welcome to attend.

Serving construction estimating professionals by promoting ethical behavior, professional development, continuing education, standardization, certification and fellowship.



WE LOOK FORWARD TO SEEING YOU AT THIS MONTH'S MEETING!