

Proudly Presents:

## 2010 CALIFORNIA GREEN CODE FORUM



*CAL*Green



### FEATURING

Dave Walls, Executive Director, California Building Standards Commission  
Doug Hensel, Ex-Officio, Department of Housing and Community Development

The County of Orange invites you to attend this free CalGreen Forum that will feature both a panel discussion and a practical demonstration on “how-to” plan check and inspect projects to ensure compliance. Our guest speakers, Mr. Walls and Mr. Hensel, led the effort that resulted in the adoption of the country’s first mandated Green Building Code. During the Forum, attendees will be introduced to the Code from multiple perspectives and provided with examples of practical applications for both residential and non-residential projects. Attendees will also receive an extensive list of available resources.

**Who should attend:** AHJ (*Building Officials, Plan Examiners, Inspectors*)  
Design Professionals (*Architects, Engineers, Designers*)  
Construction Industry (*Contractors, Developers*)

#### Speakers/Panelists:

**Dave Walls**, Executive Director, Building Standards Commission, State of California.  
**Doug Hensel**, Ex-Officio, Department of Housing and Community Development, State of California  
**Hadi Tabatabaee**, *Building Official*, PE, MS, CBO, CGBP, County of Orange Building Official  
**Dr. Saum K. Nour**, *Engineer*, Ph.D., LEED AP, CIPE, CPD, Absolute Consulting Engineers  
**Justin Brechtel**, *Architect*, LEED AP, USC Lecturer in Architecture, Practicing Architect  
**Moe Fakh**, *Contractor*, LEED AP, LEED Certifier, Project Manager for LEED Certified buildings

#### Forum Location and Schedule:

Orange County Hall of Administration	Date:	February 2, 2011
333 W. Santa Ana Blvd., Santa Ana	Registration:	7:30 a.m.
Parking lots nearby (Free parking <b>not</b> available)	Program:	8:00 a.m. to 12:00 p.m.

#### How to Register:

**No cost to attend but RSVP required to reserve seat.** Please RSVP with Name, Title, Affiliation, Email Address, and Phone Number to [ocgreenseminar@yahoo.com](mailto:ocgreenseminar@yahoo.com) or 949-852-8700 (Dr. Saum Nour) by January 31, 2011. Confirmation will be sent to email address along with program handouts. Please print handouts and bring with you to the Forum. Handouts will not be available at the Forum.



orange county chapter



## **What is CalGreen?**

CalGreen is the newly mandated green building requirements set forth by the State of California. The California Air Resources Board (CARB) estimates that the mandatory provisions set forth by Cal Green will reduce GHG emissions by three million metric tons in 2020.

## **What does it entail?**

CalGreen requirements include: A. 20 percent reduction in indoor water use, with voluntary goal standards for 30, 35 and 40 percent reductions; B. Separate water meters for indoor and outdoor water uses in nonresidential buildings, and moisture-sensing irrigation systems for larger landscape projects; C. Diversion of 50 percent of construction waste from landfills; D. The use of low-pollutant emitting materials (such as paints, carpets, vinyl flooring, and particle board) in interior spaces ; and, F. Mandatory inspections of energy systems (i.e. heat furnace, air conditioner, mechanical equipment) for nonresidential buildings over 10,000 square feet to ensure that all are working at their maximum capacity according to their design efficiencies.

## **Speakers/Panelists:**

### **Dave Walls, Executive Director, Building Standard Commission, State of California**

Dave Walls was appointed Executive Director of the California Building Standards Commission in May of 2006. His appointment is supported by many years of experience in public policy, and the development and administration of programs pertaining to the education, implementation, and application of building codes in California.

Most recently Walls successfully directed the development and adoption of the 2010 California Green Building Standards Code (CALGreen). Walls also engineered the publication of the 2007 California Codes while streamlining the process to reduce the adoption timeline by more than 12 months. Prior to his CBSC appointment, Walls served as an administrator with the Division of Codes and Standards for the California Department of Housing and Community Development (HCD). At HCD he orchestrated the rewriting of the disability access building standards for residential occupancies.

A California licensed general contractor, Walls was formerly an official in the building inspection division for the County of Sutter, and for the City of Galt. Additionally, he serves as a commissioner on the California Seismic Safety Commission and as a member of the Hospital Building Safety Board.

### **Doug Hensel, Ex-Officio, Department of Housing and Community Development, State of California**

Doug Hensel was appointed Assistant Chief of the Housing Standards Section for the Codes and Standard Division at the Department of Housing and Community Development (HCD) on July 7, 2006. He also served as the State Housing Law Program Manager and District Representative for HCD. Doug directly oversees the State Housing Law code program and is responsible for the code adoptions which govern housing construction in California. Prior to HCD, Doug spent 17 years working in local Building Departments as a permit center manager, plans examiner, inspector and capital improvement project manager. He is a licensed General Contractor and a Certified Building Official.

### **Hadi Tabatabaee, PE, M.S., C.B.O., CGBP**

Hadi Tabatabaee, PE, has over 36 years of professional experience in the building industry. He has held the positions of Plan Check Engineer and Building Official for the City of Fullerton, and is currently the Building Official for the County of Orange. Mr. Tabatabaee has B.S and M.S. degrees in Civil Engineering from CSU Long Beach. He is a member of CALBO Green Code Committee, past president of ICC Orange Empire Chapter, and is ICC Certified – CalGreen Plans Examiner and Inspector.

### **Dr. Saum K. Nour, Ph.D., LEED AP, CPD, CFPE**

Dr. Nour, (K. Nourmohammadi, PE Civil, PE Mechanical, PE Electrical) has a B.S. degree in Mechanical and B.S. in Nuclear engineering from U. of Oklahoma. He holds MS and Ph.D. degrees in Nuclear from U. of Illinois. He is licensed in 25 states, and has authored and lectured in all areas of Green and LEED. He is the co-founder of greenerade.com and author of the chapters for Plumbing Design Handbook: Gray Water, Storm Waters, Seismic Piping, and Acoustics. Currently he is working on multiple Solar Farms (Sunpeak Solar), Rain-Water Harvesting Systems in National Forestry (Greenuendo), and Industrial water recycling (Exergy).

### **Justin Brechtel, M.S., LEED AP**

Justin Brechtel has an M.S. in Architecture from Columbia University and a B.A. in Architecture from the University of Arizona. A licensed architect, he practices in Fullerton, CA. Justin is also an adjunct lecturer at the USC School of Architecture.

### **Moe Fakh, M.S., LEED AP**

Moe Fakh, M.S. in Public Administration, worked as a City Planner in Orange County. He is currently CEO of AEF Consulting, Engineering & Construction, Inc., a green building certification and construction company, certifying the first hotel to earn Gold LEED EB Operations & Maintenance certification in the world.

### **Jeff Elmassian, Grammy Award Winner, Founder of Greenerade.com and Grenuendo, Santa Monica, CA**

Jeff Elmassian is a Grammy Award winning composer, orchestrator, conductor and musician known for his work across genres. He is a long time advocate of the "green" concept, and has a working model of rainwater harvesting, storage and distribution system in the Angeles National Forest. Jeff founded Greenuendo, a firm devoted to development of sustainable products designed for water conservation and grey water solutions. The company is currently working on several LA-based environmental education pilot programs. Mr. Elmassian and his music and sound design company, Endless Noise, have received numerous other awards for their work on commercials, films, and television. His many notable clients come from various sectors and include corporations like Audi, Target, and Verizon Wireless. In addition to his musical career, he has done extensive work as a screenwriter and worked at Warner Brothers Animation and Cartoon Network. A USC graduate, Elmassian has also taught at Loyola and USC.