



INTERNATIONAL CONCRETE SUSTAINABILITY CONFERENCE

MAY 7 - 10, 2012 - SEATTLE



**Improving Concrete Technology
Enhancing the Built Environment**



Enhance your knowledge of sustainability

Join the National Ready Mixed Concrete Association and other co-sponsors for the *2012 Concrete Sustainability Conference*, May 7-10, Seattle. The seventh annual conference will provide the latest advances, technical knowledge, continuing research and solutions for sustainable concrete manufacturing and construction.



NRMCA
NATIONAL READY MIXED
CONCRETE ASSOCIATION

In cooperation with:

UNIVERSITY of WASHINGTON

COLLEGE OF
BUILT
ENVIRONMENTS



**WASHINGTON AGGREGATES
& CONCRETE ASSOCIATION**

WWW.CONCRETESUSTAINABILITYCONFERENCE.ORG

purpose

The *International Concrete Sustainability Conference* provides learning and networking opportunities on the latest advances, technical knowledge, continuing research, tools and solutions for sustainable concrete manufacturing and construction.



WHO SHOULD ATTEND?

Researchers, academics, students, engineers, architects, contractors, concrete producers, public works officials, material suppliers and concrete industry professionals are invited to present and attend the conference.

PROFESSIONAL DEVELOPMENT

Attendees of the 2012 *International Concrete Sustainability Conference* are eligible to receive up to 15 professional development hours (PDH's), depending on the number of sessions attended.

topics

Experts will present on the latest developments related to design, specifying, manufacturing, testing, construction, maintenance, and research of concrete as it relates to sustainable development.



LIFE CYCLE ASSESSMENT

Methods for assessing carbon footprint, embodied energy and other environmental impacts for buildings, infrastructure, and cement and concrete manufacturing. Life cycle assessment tools and models for process and product innovations and green building.



LOW IMPACT DEVELOPMENT

Sustainable sites including pervious pavements, water conservation systems and erosion control structures. Urban heat island reduction including light colored pavements, exterior cladding, green roofs and cool communities.



GREEN CONCRETE

Recycled materials including ingredients, fuels and beneficial use of byproducts for cement and concrete production. Performance-based concrete including extended service life, performance based specifications, durability, opportunities and challenges.



SUSTAINABILITY INITIATIVES

Government initiatives including green building codes and standards, economic incentives and legislation. Private initiatives including voluntary programs adopted by building owners and developers, designers, contractors and product manufacturers.



FUNCTIONAL RESILIENCE

High performance concrete applications in buildings and infrastructure, fortified building codes and land use, event recovery and sustainable community initiatives focusing on disaster resistance and adaptive reuse potential.



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details

SPEAKERS

Over 60 experts from all over the world will present the latest developments related to design, specifying, manufacturing, testing, construction, maintenance, and research of concrete as it relates to sustainability. Researchers, academics, students, engineers, architects, contractors, concrete producers, public works officials, material suppliers and concrete industry professionals are invited to attend the conference.

EXHIBITORS

The 2012 International Concrete Sustainability Conference will feature an exhibit area where attendees can learn about state-of-the-art products and services for concrete design, manufacturing and construction.

SPONSORS

The 2012 International Concrete Sustainability Conference will provide an outstanding venue to promote state-of-the-art sustainable products and services. Companies can sponsor the entire conference or specific functions during the conference.

MORE INFORMATION

For more information on how to submit an abstract, exhibit or sponsor the conference visit:

WWW.CONCRETESUSTAINABILITYCONFERENCE.ORG

SCHEDULE OF EVENTS

May 7	Renaissance Seattle Hotel
6:00 pm - 7:00 pm	Opening Reception in Exhibit Area
May 8	Renaissance Seattle Hotel
7:30 am - 8:30 am	Continental Breakfast in Exhibit Area
8:30 am - 10:00 am	General Session
10:00 am - 10:30 am	Break in Exhibit Area
10:30 am - 12:00 pm	Concurrent Technical Sessions
12:00 pm - 1:30 pm	LUNCH
1:30 pm - 3:00 pm	Concurrent Technical Sessions
3:00 pm - 3:30 pm	Break in Exhibit Area
3:30 pm - 5:00 pm	Concurrent Technical Sessions
6:00 pm - 7:00 pm	Reception in Exhibit Area
May 9	Renaissance Seattle Hotel
6:30 am - 7:30 am	RMCREW Walk for Sustainability*
7:30 am - 8:30 am	Continental Breakfast in Exhibit Area
8:30 am - 10:00 am	Concurrent Technical Sessions
10:00 am - 10:30 am	Break in Exhibit Area
10:30 am - 12:00 pm	Concurrent Technical Sessions
12:00 pm - 1:30 pm	LUNCH
1:30 pm - 3:00 pm	Concurrent Technical Sessions
3:00 pm - 3:30 pm	Break
3:30 pm - 5:00 pm	General Session
5:30 pm - 9:30 pm	WACA Annual Awards Reception and Banquet*
May 10	Renaissance Seattle Hotel
7:30 am - 8:30 am	Continental Breakfast in Exhibit Area
8:30 am - 10:00 am	General Session
10:00 am - 10:30 am	Break in Exhibit Area
10:30 am - 12:00 pm	General Session

* Additional events—see registration form

venue



RENAISSANCE SEATTLE HOTEL

The Renaissance Seattle Hotel is located just minutes from Seattle's famed Pike Place Market, upscale shopping and restaurants. With the body of a full-service hotel and the soul of a boutique, the newly renovated hotel's accommodations and amenities offer guests a truly unique experience. Relax in spacious guest rooms that feature stunning views of Puget Sound, the mountains and city skyline. From the colorful paintings by local artists displayed in the lobby to the fully-equipped fitness center, indoor pool and high-speed Internet access, this downtown Seattle hotel's amenities outshine the rest. This hotel seamlessly combines luxury, comfort and technology into an unforgettable retreat.

Renaissance Seattle Hotel

515 Madison Street

Seattle, WA, 98104 USA

Tel: 206.583.0300

Fax: 206.447.0992

www.marriott.com/hotels/travel/seasm-renaissance-seattle-hotel

RESERVATIONS

\$185 per night plus tax (on or before April 13, 2012). Mention "NRMCA" to receive the conference rate.

Reservations by phone: Call 1-800-266-9432.

Reservations online: www.concretesustainabilityconference.org



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REGISTRATION FORM

Complete and submit this form with payment or register online at www.concretesustainabilityconference.org

Name _____

Badge Name _____

Title _____

Company _____

Address _____

City _____

State _____

Zip _____

Phone _____

Fax _____

Email _____

Phone _____

Special Needs _____

CANCELLATION POLICY

NRMCA will refund registration fee less a \$100.00 administration fee if registration is cancelled on or before 4/13/12. All cancellations after 4/13/12 will not be refunded. Cancellations must be made in writing to NRMCA Meetings Dept., 900 Spring Street, Silver Spring, MD 20910 or by fax to (301) 565-8200. NRMCA reserves the right to close registration in order to not exceed capacity. NRMCA reserves the right to cancel the conference. If that should occur, NRMCA will notify registrants by fax or e-mail by 4/13/12. NRMCA will refund the entire registration fee but not unused airline tickets, hotel reservation fees, or other travel related expenses.

CONFERENCE HOTEL

Renaissance Seattle Hotel
515 Madison Street
Seattle, WA, 98104
1-206-583-0300

Make hotel reservations by phone at 1-800-266-9432 or online at www.concretesustainabilityconference.org. Mention "NRMCA" to receive the conference rate of \$185 per night plus tax (on or before 4/13/12).

QUESTIONS

For additional information, contact Jessica Walgenbach, (240) 485-1152, jwalgenbach@nrmca.org.

REGISTRATION FEE

Attendee Conference Fee	
\$500 Full Early Registration—May 7-10 (Before April 13)	_____
\$600 Full Late Registration—May 7-10 (After April 13)	_____
\$250 One Day Registration—May 8	_____
\$250 One Day Registration—May 9	_____
\$150 One Day Registration—May 10	_____
Speakers Conference Fee	
\$300 Full Speaker Early Registration—May 7-10 (Before April 13)	_____
\$400 Full Speaker Late Registration—May 7-10 (After April 13)	_____
\$150 One Day Speaker Registration—May 8	_____
\$150 One Day Speaker Registration—May 9	_____
\$100 One Day Speaker Registration—May 10	_____
Government Employee Conference Fee	
\$300 Full Gov. Early Registration—May 7-10 (Before April 13)	_____
\$400 Full Gov. Late Registration—May 7-10 (After April 13)	_____
\$150 One Day Government Registration—May 8	_____
\$150 One Day Government Registration—May 9	_____
\$75 One Day Government Registration—May 10	_____
Students	
\$100 Full Student Early Registration—May 7-10 (Before April 13)	_____
\$150 Full Student Late Registration—May 7-10 (After April 13)	_____
TOTAL	_____

PAYMENT METHOD

Check Made payable to NRMCA. Mail form and check to:
SunTrust Bank, c/o NRMCA
P.O. Box 79433
Baltimore, MD 21279

VISA MasterCard American Express

Card Number _____

Expiration Date _____

Name on Credit Card (print) _____

Signature _____

For credit card payment, fax completed registration form to Jessica Walgenbach, Meetings Dept., NRMCA, (301) 565-8200.

ADDITIONAL EVENTS

Walk for Sustainability

RMC Research & Education Foundation Walk for Sustainability Charity Event—May 9, 6:30-7:30 AM. For more details and registration information visit www.rmc-foundation.org

WACA Awards Banquet Fee

Washington Aggregates & Concrete Association Annual Building Awards—May 9, 5:30-9:30 PM. For more details and registration information visit www.washingtonconcrete.org.

