ARCSA 2015 Annual Conference
Long Beach Convention & Entertainment Center
Long Beach, California

ARCSA’s 11th Annual Conference
At a Glance:
Annual Conference on Nov. 9-10
ARCSA/IA EXPO on Nov. 11-12
Educational Rainwater Workshop on Nov. 12-13

SUNDAY, NOVEMBER 8TH, 2015

9:00am – 2:00 pm
Instructors Review of New Manual and PowerPoint
(- room TBD)

3:00 – 6:00 pm
Board of Directors Meeting
(- room TBD)

MONDAY, NOVEMBER 9TH, 2015

8:00 – 9:00 am Moderator: David Crawford, ARCSA Board of Directors, President
ARCSA Members Annual Meeting - Seaside Ballroom
Voting Process Reviewed with New Board of Directors Candidate Introductions.
(Close Voting at 12:30 pm on Tuesday, November 10th)
9:00 – 9:10 am

**Short Break**
Sponsored by Infiltrator Water Technologies

9:10 – 10:00 am

**A Risk Based Approach to Design for Rainwater Quality**
Speaker: Garth MacDonald, Rain Harvesting PTY, LTD

10:00 – 11:00 am Moderator: John Hammerstrom, ARCSA Board of Directors

**Performance-Based Water Conservation with WERS**
Speakers: Doug Pushard, HarvestH2O LLC

11:00 – 12:00 pm Moderator: Mark Pape, ARCSA Board of Directors

**Life Cycle Analysis (LCA) of a Rainwater Catchment System**
Speakers: Santosh R. Ghimire, Ph.D., ORISE Postdoctoral Research Participant, U.S. Environmental Protection Agency, Office of Research and Development, NERL/Ecosystems Research Division

12:00 – 1:30 pm

**Lunch on Your Own**

1:30 – 2:30 pm Moderator: Marty Morganello, ARCSA Board of Directors

**Roofing Materials Assessment**

2:30 – 4:00 pm Moderator: Robert Woodland, ARCSA Board of Directors

**Keynote Speaker: Beyond the Garden - Get Smarter with Your Water**
Speaker: Colin Frayne with Association of Water Technologies

4:00 – 4:30 pm

**Short Break**
Sponsored by Rainwater Solutions

4:30 – 5:30 pm Moderator: Rene Michalak, ARCSA Educational Committee Chair

**Panel Discussion: Urban Rainwater Harvesting – Codes and Regulation**
Speakers: Neal Shapiro, City of Santa Monica and ARCSA Codes Committee Chair; Billy Smith, ASPE; and Invited Guest

6:00 – 8:00 pm Moderator: Robert Woodland, ARCSA Board of Directors

**ARCSA Rainwater Harvesting Social and ARCSA Awards**
Location: Cafe Sevilla - Venue, Drinks, and Snacks Sponsored by Rain Harvesting Supplies
Door prizes will be presented to attendees.
Awards presentation by: David Crawford, ARCSA President - Awards Ceremony to include:
Retiring Board Members, Lifetime Achievements Awards
TUESDAY, NOVEMBER 10TH, 2015

7:00 – 8:30 am Coffee by ECOVIE Rainwater Collection Supplies

8:30 – 9:30 am Moderator: David Crawford, ARCSA Board or Directors, President
Potable Water Standards NSF/ANSI 61 and NSF P151
Speaker: Jason Carlson, Staff Chemist, Water Systems, UL LLC

9:30 – 10:30 am Moderator: John Hammerstrom, ARCSA Board of Directors
Commercial Level Rain Gardens
Speaker: David Dods, Environmental Scientist and Engineer, URS

10:30 – 11:00 am
Short Break
Sponsored by Acer Water Tanks

11:00 – 12:00 am Moderator: Robert Woodland, ARCSA Board of Directors
The Art of Water Reuse and Optimization in a World of Diminishing Water Supply
Speaker: Daniel Davitt, Aquanomix

12:30 pm
BOD VOTING CLOSES

12:00 – 1:30 pm
Lunch on Your Own

1:30 – 2:30 pm Moderator: David Crawford, ARCSA Board of Directors, President
What Rainwater Catchment Means to Home Depot
Speaker: D. Shad Kazeroonie, P.E., Home Depot and Rex Hayes, Climate LLC

2:30 – 3:30 pm Moderator: Tim Pope, ARCSA Educational Coordinator
Prop 84 grant from the CA State Water Board to permit, construct, and monitor the first indoor, non-potable rainwater harvesting systems in our Central Coast region (commercial and residential) under California Plumbing Code (CPC) Ch. 17.
Speaker: Sherry Lee Bryan, Ecology Action

3:30 – 4:00 pm
Short Break
Sponsored by Rainwater Management Solutions

4:00 – 4:45 pm Moderator: Tim Pope, ARCSA Educational Coordinator
Successful Global Rainwater Harvesting Applications from Around the World
Speaker: Sandra Ungerson, University of Calgary
4:45 – 5:30 pm Moderator: Neal Shapiro, ARCSA Board of Directors
Completion of the Study on Quality of Harvested Rainwater
Speaker: Sarah Sojka, Randolph College, Lynchburg, VA

5:30 – 5:45 pm Moderator: David Crawford, ARCSA President
Closing of Conference

7:30 – 10:00 pm
Gala with the IA (Long Beach Convention & Entertainment Center)

WEDNESDAY, NOVEMBER 11TH, 2015

10:00 – 6:00 pm
ARCSA/IA Dedicated Tradeshows Day (Long Beach Convention & Entertainment Center)

8:30-10:00 am
New BOD Meeting (Long Beach Convention & Entertainment Center - Seaside Ballroom)

COMMITTEE MEETINGS
10:30 – 12:30 am Moderator: Rene Michalak, ARCSA Educational Committee Chairman
Educational Committee Meeting (Long Beach Convention & Entertainment Center - Seaside Ballroom)

1:00 – 3:00 pm Moderator: Charlee Myers, ARCSA Regional Representative Chairman
Regional Representatives Meeting (Long Beach Convention & Entertainment Center - Seaside Ballroom)

THURSDAY, NOVEMBER 12TH, 2015

11:00 – 5:00 pm
ARCSA/IA Dedicated Tradeshows Day (Long Beach Convention & Entertainment Center - Seaside Ballroom)

8:00 – 5:00 pm
AP Workshop (Long Beach Convention & Entertainment Center - Seaside Ballroom)

FRIDAY, NOVEMBER 13TH, 2015

8:00 – 5:00 pm
AP Workshop (Long Beach Convention & Entertainment Center - Seaside Ballroom)