

## 2011-2012 Section Officers

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## President's Message

*Teresa Peterson, P.E., CME, M.ASCE*

Next month we honor several of our members whose achievements merit recognition and praise. Their devotion to their profession and enthusiasm toward their projects has made them successful in their endeavors.

And we are the lucky recipients of their efforts.

What makes these professionals stand out from their peers? We are all civil engineers. We all work on extraordinary projects that redefine the world we live in. Some of us are educators teaching the next generation. Some of us research new methodologies to improve our understanding of the built environment. Others prefer design or construction. Only through our collective efforts can we achieve those paradigm shifting changes that raise the quality of life for all.

Engineering is one of the only professions with the ability to self-govern. We are in a class with doctors and lawyers. We alone have the education and experience to evaluate our work. A nomination for award recognition from your peers is the highest honor we can bestow. Each year we request, and receive several nominations for the categories we recognize. From among those outstanding recommendations, we have the difficult responsibility of selecting the winners we present to you. We believe we've chosen well. I hope you agree.

Our Annual Awards Dinner is a celebration of our profession and all that we achieve as we strive to serve the public good. We recognize experienced professionals, emerging leaders, and noteworthy students. Please mark your calendars for Friday, May 11th when the New Jersey Section will host our annual awards dinner at the Woodbridge Hilton. Congratulations to all our award winners and I look forward to seeing you there!

Regards,



*Please consider the environment before printing this newsletter*

# 38th Annual Awards Dinner

Presented by the NJ Section of ASCE

**Friday, May 11, 2012**

**Time:** 6:00 pm - Reception (cash bar) and Hors D'oeuvres  
7:00 pm - Dinner and Awards Presentation Commences

**Location:** Woodbridge Hilton  
120 Wood Avenue South, Iselin, NJ 08830  
(Exit 131A on Garden State Parkway)  
Phone: (732) 494-4964

The NJ Section of ASCE invites all ASCE Members and Civil Engineering Professionals to the Annual Awards Dinner to celebrate the accomplishments of our peers and our profession. Awards will be presented as follows:

<i>Civil Engineer of the Year</i>	Steven A. Tardy, P.E., French & Parrello
<i>Government Engineer of the Year</i>	Richard Raczynski, P.E., NJ Turnpike Authority
<i>Educator of the Year</i>	Perumalsamy Balaguru, PhD., Rutgers University
<i>Young Civil Engineer of the Year</i>	Wayne Roorda, Jr., P.E., Bach Associates
<i>Excellence in Management</i>	Anthony J. DeJohn, Jr., P.E., P.P., Parsons Brinckerhoff
<i>Project of the Year</i>	Route 287 Emergency Roadway Repair/Hurricane Irene Owner: New Jersey Department of Transportation Designer: Hatch Mott MacDonald Contractor: IEW Construction

## Register On-line!

All attendees must register on-line. To register visit our secure website:

<http://2012ascensectionawards.eventbrite.com>

*Major credit cards are accepted and payment can be made as part of on-line reservation.*

*Checks can be paid at the registration table on the evening of the event.*

### RESERVATIONS:

\$90 per Person

\$850 for Reserved Table(s) of 10

(Must Provide All 10 Names of Attendees for Each Table of 10)

### SPONSORSHIPS AVAILABLE:

\$250 - Recognition on Display Board at the Reception and in the Awards Program

\$150 - Recognition in the Awards Program

### REGISTRATION IS REQUIRED:

Deadline for Reservations is May 4, 2012.

# AMERICAN SOCIETY OF CIVIL ENGINEERS – NEW JERSEY SECTION

## 38TH ANNUAL AWARDS DINNER

**Friday, May 11, 2012**

Woodbridge Hilton  
120 Wood Avenue South, Iselin, NJ  
08830 (Exit 131A on Garden State  
Parkway) Phone: (732) 494-4964

### Dinner Program:

Reception (Cash Bar) & Hors D'oeuvres.. 6:00 PM  
Welcome ..... 7:00 PM  
Dinner ..... 7:15 PM  
Awards ..... 8:00 PM

### Ticket and Sponsorship Costs:

Price per Person ..... \$90  
Table Reservation for 10 ..... \$850  
Sponsorship of Cocktail Reception ..... \$250  
Sponsorship of Dinner ..... \$150

### Register Made Easy! Register On-line!

ON-LINE REGISTRATION IS REQUIRED: The NJ Section is using an on-line registration system for our Annual Awards Dinner. You may pay for registration with a major credit card or pay by check at the registration table. Sponsorships must be paid by check and mailed as indicated below.

When making reservations please be prepared to select your dinner from the following choices:

A – Filet Mignon B – Chicken Aurora C – Filet of Norwegian Salmon D – Vegetarian/Pasta Primavera

To register, click on the link below or carefully type the address into your internet browser.

<http://2012ascenjsectionawards.eventbrite.com>

Even if you are paying by check, you must register on-line. This is a secure website and your personal information will be kept confidential. During the registration process you will be given a receipt.

### Deadline to Register is May 4, 2012

Please make check payable to:  
South Jersey Branch of the ASCE  
C/O Wayne Roorda, P.E., SJ Branch Treasurer  
Bach Associates  
304 White Horse Pike  
Haddon Heights, NJ 07866

For questions or additional information please contact:

Wayne Roorda at [wroorda@bachdesigngroup.com](mailto:wroorda@bachdesigngroup.com) or Andrew Feranda at [aferanda@sallc.org](mailto:aferanda@sallc.org)

***The NJ Section Board Congratulates All 2012 Award Recipients!***

# ASCE- New Jersey Section 2012 - 2013 Officer Voting Ballot

The constitution and bylaws of the New Jersey Section entitle each active dues paying, life or honorary, member to vote for both Section Officers and Directors from his/her particular branch. Please either check the appropriate box or write in an alternate candidate for both the Section Officer List and Directors from your assigned branch.

**President (2012-2013)**

A Andrew Feranda, PE, PTOE (South Jersey Branch)

**Vice President (Vote for One)**

Alex Murawski, PE (Central Jersey Branch)

Write-in: \_\_\_\_\_ (Central Jersey Branch)

**Treasurer (Vote for One)**

Thomas Ott, PE, MBA (North Jersey Branch)

Write-in: \_\_\_\_\_ (North Jersey Branch)

**Director (Vote for One)**

Wayne Roorda, PE, MBA (South Jersey Branch)

Write-in: \_\_\_\_\_ (South Jersey Branch)

**Director (Vote for One)**

Andres Roda, PE (Central Jersey Branch)

Write-in: \_\_\_\_\_ (Central Jersey Branch)

**Mail or Fax Ballot to Secretary:** Peter Singhofen  
T&M Associate  
11 Tindall Road Middletown,  
NJ 07748  
psinghofen@tandmassociates.com  
Fax: (732) 671-7365

**Director (Vote for One)**

Peter Singhofen, PE (Central Jersey Branch)

Write-in: \_\_\_\_\_ (Central Jersey Branch)

**Director (Vote for One)**

Teresa Peterson (North Jersey Branch)

Write-in: \_\_\_\_\_ (Central Jersey Branch)

**Director (Vote for One)**

Len Cilli (North Jersey Branch)

Write-in: \_\_\_\_\_ (North Jersey Branch)

**Director (Vote for One)**

\_\_\_\_\_ (North Jersey Branch)

Write-in: \_\_\_\_\_ (North Jersey Branch)

Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Membership Number: \_\_\_\_\_

**OFFICER ELECTIONS**

The Nominating committee has certified to the Secretary its list of one or more candidates, who are subscribing members, for each Section office to be filled.

In accordance with the Section Bylaws, the Secretary has included in this newsletter a mail ballot containing the list of official nominees and a space for a write-in vote for another subscribing member candidate for each Section office to be filled.

To be eligible, any write-in candidate must be from the same Branch as the official candidate and must notify the Secretary in writing before the close of the polls of a willingness to serve if elected.

**SIGNED MAIL OR FAX BALLOTS SHALL BE RETURNED NO LATER THAN MAY 4, 2012, AT WHICH TIME THE POLLS SHALL BE CLOSED.**

Results of the election shall be announced at the Award Dinner on May 11, 2012. Elected officers be installed at the Section's Annual Meeting in October, 2012.

# 38th Annual ASCE NJ Section Award Recipients will be Honored at Dinner on May 11, 2012

## ***Civil Engineer of the Year***

Steven A. Tardy, P.E.  
*French & Parrello Associates*

Steven Tardy, P.E. has advanced through his professional civil engineering career to being recognized as one of the leading geotechnical experts in the State of New Jersey. He has risen through the ranks of French & Parrello Associates, P.A. (FPA) from a summer intern during his undergraduate student days at Rutgers University to Senior Vice President, Director of Geotechnical, Environmental, Dam and Bridge Engineering, and he is currently a member of the firm's Board of Directors.

On top of his full-time employment with FPA, Steven taught graduate school courses in geotechnical engineering at Rutgers University for six years, and is currently an active member of the Rutgers Department of Civil Engineering Industrial Advisory Board. Steven has given technical seminars on geotechnical aspects of dam engineering. He has participated in Rutgers University freshman orientation to engineering students as a guest lecturer.

## ***Government Engineer of the Year***

Richard Raczynski, P.E.  
*New Jersey Turnpike Authority*

Richard Raczynski, P.E. has served as the Chief Engineer for the New Jersey Turnpike Authority for the last 11 years. Prior to the New Jersey Turnpike, he served as Chief Engineer of Construction for the Port Authority of NY & NJ. As Chief Engineer for the New Jersey Turnpike Authority, Richard oversees a robust 10 year, \$7 Billion Program that addresses the expansion needs and the state of good repair for both the New Jersey Turnpike and the Garden State Parkway. The most notable project on the New Jersey Turnpike is the Interchange 6 to 9 Widening Program. Valued at \$2.5 Billion and encompassing

31 individual contracts, this program adds two (2) new Outer Roadways with 170 new lane miles, and constructs nearly 100 new structures.

Richard graduated from the New Jersey Institute of Technology with a BS in Civil Engineering and has an MBA from Rutgers University. He is a licensed Professional Engineer in the State of New Jersey and is a member of ASCE.

## ***Educator of the Year Award***

Perumalsamy Balaguru, PhD.  
*Rutgers University*

Perumalsamy Balaguru, PhD. is a professor that seems to be everywhere. His time spent with students, teaching, research and promoting new ideas of technology in Civil Engineering. Perumalsamy's research interests include fiber reinforced cement and polymer composites; construction methods; and structural design. The author of *Fiber-Reinforced Cement Composites*, he has edited three books and published more than 200 papers. His research accomplishments include the development of fireproof high-strength composites and rapid set concrete. The amount of effort that Perumalsamy puts into everything he does separates him from others in his field, both professionally and personally. Perumalsamy is an excellent professor and friend to Rutgers University.

## ***Young Engineer of the Year Award***

Wayne Roorda, Jr., P.E.  
*Bach Associates, PC*

Wayne Roorda, Jr., P.E. is responsible for land development projects and municipal and utility accounts. In addition to working on projects through his employment at Bach Associates, Wayne is active in both the South Jersey Branch and the New Jersey Section as a member of both Boards. Wayne has served as president of the younger member group,



# 38th Annual ASCE NJ Section Award Recipients will be Honored at Dinner on May 11, 2012 *(continued)*

Treasurer and president of the South Jersey Branch, and currently serves as interim treasurer for the Branch and as Director for the NJ State Section Board. Furthermore, he volunteers for Big Brothers Big Sisters of Atlantic and Cape May Counties. Wayne graduated from the first engineering class at Rowan University in May of 2000 with a degree in Civil and Environmental Engineering. Wayne currently resides in Gloucester Township, NJ with his wife Sarah and son "Trip" Wayne III.

## ***Excellence in Management***

Anthony J. DeJohn, Jr., P.E., P.P.  
*Parsons Brinckerhoff, Inc.*

Anthony DeJohn, P.E., P.P. has held many roles in his tenure with Parsons Brinckerhoff. He started by growing the Lawrenceville office's Planning Department from a small group to one of the largest planning groups at Parsons Brinckerhoff. And a preferred planning services provider in New Jersey. Anthony then continued his work to establish Planning and Environmental practice for the entire northeast was region for which he is responsible for over 50 professionals located in 8 offices, strengthening Parsons Brinckerhoff's presence in these markets across the northeast. Anthony also served as Parsons Brinckerhoff's national lead for the Transportation Planning Technical Excellence Center, serving to link the planning resources of the company throughout the U.S. In 2010 Anthony became the Area Manager of the Lawrenceville Office of Parsons Brinckerhoff and is responsible for the day to day operations of over 120 planners, engineers, surveyors, and environmental scientists.

Anthony Resides in Chesterfield NJ with his wife and 2 children, and is active in their academic, community, and athletic endeavors, supporting and volunteering for the local sports booster clubs. He is the local chairman for the Leukemia and Lymphoma Society.

## ***NJ Section Project of the Year***

Route 36 Highlands Bridge over the Shrewsbury River

*Owner:* NJDOT

*Designer:* Hatch Mott MacDonald

*Contractor:* IEW Construction

On Saturday evening August 27, 2011 through Sunday morning August 28, Hurricane Irene struck New Jersey with strong rainfalls and damaging winds. There was widespread flooding throughout the State with record flows and water levels in many waterways. In Boonton Township, Morris County, the rising waters of the Rockaway River caused severe erosion of the embankment supporting northbound I-287, a major, six-lane arterial highway, at Milepost 44.7.

Approximately 8.5 inches of rain fell on the Rockaway River watershed. At its peak, the flow in this stretch of the river exceeded 9,000 cfs (cubic feet per second); prior to the event the flow was less than 300 cfs.

As a result of the noted extreme event, the right asphalt shoulder of northbound I-287 washed away and the right travel lane was severely undermined. The need to protect the remaining embankment of northbound I-287 was paramount, to prevent a progressive collapse of the remaining embankment and roadway. The original pavement construction consisted of a concrete slab, which ultimately "cantilevered" over the void created by the floodwaters.

IEW Construction and Hatch Mott MacDonald worked closely with the NJDOT to quickly complete this critical reconstruction so that the northbound lanes of I-287 could reopen. Round the clock operations started Monday morning August 29, 2011 and the entire roadway was open for the morning rush hour only three days later on September 1, 2011.