



The Durham Engineers Club Cordially Invites You
to our March 21, 2013 Meeting

Featuring our guest speaker

Francis DiGiano, Ph.D, PE

*President, Clean Jordan Lake and
Professor Emeritus in the Department of Environmental Sciences
and Engineering at the University of North Carolina*

His presentation will be about ...

***Shoreline Trash and Its Implications:
Jordan Lake's Dirty Little Secret***

[Register Now!](#)

You can now prepay with a credit card or PayPal account as you register!

This meeting will begin at 6:00pm.



When

Thursday March 21, 2013 from
6:00 PM to 8:30 PM EDT

[Add to Calendar](#)

Where

Croasdaile Country Club
3800 Farm Gate Avenue
Durham, NC 27705

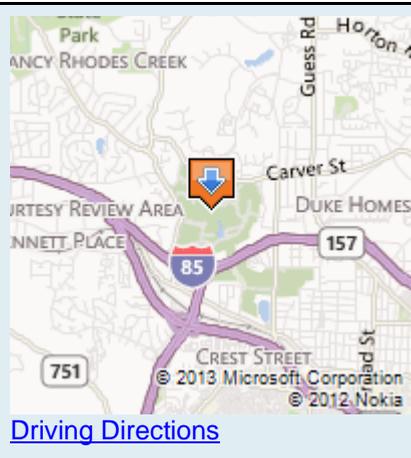
Dear Fellow Professional :

Please consider our special invitation to attend our regular monthly meeting Thursday, March, 21st from 6:00 to 8:00 pm.

Clean Jordan Lake (**CJL**) is a grassroots nonprofit started in July 2009. Its mission is to remove trash from the shoreline and prevent further accumulation.

Nearly 2,000 volunteers have participated in 47 cleanups so far. They have removed 6,700 bags of trash or about 67 tons along with over 2,700 tires (many still on rims). They have also found car bumpers, hot water heaters, propane tanks, industrial adhesive pails, motor oil and gasoline containers, children's toys and ironically, blue plastic recycle boxes.

The legacy of trash dates back to filling of the lake in 1982. More trash is washed into the lake with each heavy rainfall on the 1,700 sq. mi. of Haw River and New Hope Creek watersheds. It deposits in the many small coves along the Haw River Arm and up the New Hope River Channel to New Hope Overlook.



[Driving Directions](#)

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Lake level records show that rises of several feet occur on average about 3-4 times annually producing a "heavy trash line" 100 ft or more back from the normal shoreline. While out of sight from all but the most observant boaters, trash is destroying natural habitats and could degrade water quality.

About 15 of an estimated 25 miles of the most heavily trashed shoreline have been cleared. Future volunteers will need to revisit these areas to keep up with the annual accumulation unless a control strategy for litter and illegal dumping can be found in the eight counties with watershed. The additional challenge will be to curb the currently pervasive littering by recreational users for which **CJL** has started an Adopt-A-Shoreline program. Jordan Lake is an extremely valuable resource that deserves to be better respected as a vibrant natural habitat and a water supply for 250,000 and more in the future.

Fran DiGiano is Professor Emeritus in the Department of Environmental Sciences and Engineering at the University of North Carolina. His active professional career spanned 1969 to 2007, of which the last 26 years were spent at UNC. His research covered a wide variety of water quality and treatment issues. He is co-founder of Clean Jordan Lake and has served as president since 2010.

Please click on the link below to register; the cost to attend is \$25 for members and \$35 for non-members. You can now pre-pay as you register with a credit card or PayPal account, mail a check, or pay at the door with cash or check. We cannot accept credit cards at the event.

The price includes a buffet dinner at the Croasdaile Country Club. The buffet features an extensive salad bar, and a variety of hot dishes; the food is excellent. Social hour is from 6:00 to 6:30 pm and there is a cash bar. Dinner is from 6:30 to about 7:00 and the seminar will begin about 7:00, the presentation will be about an hour followed by Q&A.

One (1.0) PDH will be provided; a terrific bargain! Please join us for this great presentation by clicking on the "Register Now" link below, if you cannot attend please let us know as well, and feel free to forward this invitation to as many others as you would like using the button below.

[Register Now!](#)

[Forward to a Friend!](#)

[I can't make it](#)

If you do not wish to continue to receive event invitations from the Durham Engineers Club please unsubscribe using the link at the bottom. The Durham Engineers Club has one meeting per month.

We look forward to seeing you at the meeting!

Sincerely,

Michael M. Hughes, PE
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[Forward email](#)