



Dinner Meeting September 18, 2014

“Superstorm Sandy Resiliency Intervention Design for The South Shore of Long Island (Rebuild-by-Design)”

By **Richard Baldwin**
Program Manager of Resiliency Services
Apex Companies, LLC



As part of a multi-disciplinary, multi-national team of scientists, architects, engineers, planners and designers, Mr. Baldwin and Apex were key members of the Interboro Team in designing resiliency interventions for the southern shore of Long Island as part of the HUD-sponsored design competition commissioned under the President’s Super-Storm Sandy Rebuilding Task Force. Critical infrastructure vulnerabilities were assessed, including hospitals and emergency response facilities and critical access routes, including elevation analysis relative to storm surge and sea level rise. Power, communications, water and sewer systems within storm and flood vulnerable areas were studied to facilitate design of resilient interventions as protective measures. The Team has developed a set of comprehensive prototypical and catalytic solutions to storm surge, flood, and storm-water issues that plague the region and has submitted those solutions to granting institutions on behalf of Nassau County and the cities, towns and villages of the South Shore of the County. To date, Apex has provided assessment, conceptualization, design and cost estimating services for innovative interventions that are proposed in response to the vulnerabilities that Super-Storm Sandy made evident. The Apex Team provided the expertise necessary to apply the Dutch intervention solutions to the US situation, including analysis of infrastructure compatibility, design consistency, raw materials and parts availability, permitability, cost estimating, cost-benefit analyses, and consistency with other State and Federal initiatives, including NY Rising and US Army Corps of Engineers initiatives. The Interboro Team was selected by HUD and RBD based on its Phase I submission, and has successfully completed Stage II, and submitted its Stage III package to RBD and HUD. In June of 2014, the Teams’ “Room for the River” component of the overall plan was selected for implementation and an initial \$125,000,000 was slated by HUD to support its implementation. Additional information on the Rebuild-by-Design Initiative can be found at www.rebuildbydesign.org.

About the speaker: Richard Baldwin was the founding President of the LIAPG and has over 25 years of experience in the environmental and resiliency areas. He is currently the Program Manager of Resiliency Services for Apex Companies, LLC (Apex).

Dinner Meeting Cocktail Hour
Sponsorship provided by:



**Associated
Environmental
Services, Ltd.**

LIAPG will be holding a board meeting on September 18, 2014 at 5:00, prior to this event.

Are you interested in playing a bigger part in LIAPG? We will be looking for interested members to assist with the following board positions:

- Membership
- Finance
- Newsletter
- Meetings/Education
- Public/Governmental Relations

If you are interested, let us know by emailing us at liapgpres@gmail.com or come to the board meeting. Hope to see you there!



Dinner Meeting September 18, 2014

Board Meeting at 5:00 p.m. Cocktails/Networking 6:00 p.m.
Dinner 7:00 p.m. Presentation 7:45 p.m.

at
Holiday Inn, Plainview
215 Sunnyside Blvd.
Exit 46 on the L.I.E., just off the service road.
516-347-7400

Reservations required by Monday, September 15, 2014.

Preregistration: \$45.00 members, \$55.00 non-members. Dinner and cash bar
(Beer and Wine provided by Associated Environmental Services, Ltd).

Registration at the door \$50.00 members, \$60.00 non-members
(cash/credit cards accepted).

We would like to encourage attendance by local regulators. The LIAPG members will underwrite the cost for up to two members from each of the Suffolk County and Nassau County Health Departments and the NYSDEC. Please contact Cheryl Neary (631-462-2226) to sign up under this special arrangement.

Companies and agencies may sponsor and host geology students at this meeting. If you would like to sponsor a geology student, please pay for and note that you are supporting a student on your registration form. Students may be sponsored at the \$45.00 rate.

Name: _____ Company/Organization: _____

Email: _____

Names of additional corporate members/student attendees:

| Name | Email | Name | Email |
|-------|-------|-------|-------|
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

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c/o Cheryl Neary
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liapgpres@gmail.com
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http://liapg.org/news.html#dinner_meetings