

**Indor Air Quality Seminar**  
**FRIDAY\_FEBRUARY 25th\_2011**

**LOCATION:**

CAAPPR. Calle del Parque #225  
Santurce. PR. 00912.

**FEES for the Part I & II combined:**

Members USGBC-CC/CAAPPR paid by Feb. 23: **\$45**

Non-members or late registration: **\$60**

General Students : **\$15\***

USGBC Student Group Members : **\$5**

*\*Must provide evidence of current full time student status.*

**TIME:** 4:00pm – 8:00pm (3 Hour Education Credit HSW)

***A healthy building is beneficial for owners and occupants. This seminar will discuss the importance and benefits, as well as, requirements and potential strategies of a proactive IAQ Plan and LEED Compliance.***

**SPEAKER:** Carlos González Boothby

**About The Speaker:**

Mr. González Boothby has more than eighteen years in conducting IAQ Investigation, Remediation and Consulting. Council Certified Indoor Environmentalist, Council Certified Microbial Remediator by the American IAQ Council; Air System Cleaning Certified Specialist by National Air Duct Cleaners Association, Certified Mechanical Hygienist and Registered Mold Inspector with the Environmental Education Foundation. He has served as Consulting Director for the IAQ Division of the Interamerican Association of Sanitary and Environmental Engineering. Speaker for the European Ventilation Hygiene Association, AHR Expo Mexico 2004, ASHRAE Puerto Rico Chapter and Monterrey Chapter, Technical Refrigeration and Ventilation Association of Spain, among others. Mr. Gonzalez Boothby has been part of the LEED team for several projects in Puerto Rico. One of the projects is a LEED Silver project for the company AXON Puerto Rico.

**Introduction to Indoor Air Quality: 60 mins**

**4:30pm – 5:30pm**

**Description.**

The introduction will explain the concept of Indoor Air Quality (IAQ) as defined by the related authorities and will present a proactive approach on how to achieve a Healthy Building. The lecture will also show how to conduct an Indoor Air Quality Evaluation Phase I. The lecture will cover concepts and definitions such as: Sick buildings, (BRI); Indoor contaminants; Applicable guidelines and standards; the importance of HVAC system cleaning services to achieve a good (acceptable) IAQ; Mold Prevention / Mold Remediation, among others.

**Learning Objectives.**

1. The participant will understand the definition, importance and benefits of Indoor Air Quality.
2. The participant will learn to identify the array of considerations that involve an Evaluation of IAQ Phase I.
3. The participant will learn to identify prevention and remediation strategies that are necessary to achieve a healthy building.
4. The participant will be able to recognize the reference standards and guidelines that apply to Indoor Air Quality considerations.

**LEED Credits IEQ 3.1 and 3.2 and their application in Puerto Rico as a hot humid climate: 120 mins**

**6:00pm – 8:00pm**

**Description.**

A healthy building is beneficial for owners and occupants. This seminar will discuss the importance and benefits, as well as, requirements and potential strategies of LEED BD+C credits IEQ 3.1 and 3.2 implemented in a hot humid climate context. The seminar will cover best practices for integrating IAQ considerations in a project and how they apply to design and construction teams.

**Learning Objectives.**

1. The participant will understand the benefits for building owners and occupants of a good (acceptable) Indoor Air Quality.
2. The participant will be able to define the guidelines that should be included in an IAQ management plan during construction to avoid contamination.
3. The participant will be able to define the guidelines that should be included in an IAQ management plan before occupancy to promote a successful air testing procedure.
4. The participant will learn how to integrate IAQ considerations into the project management, such as team roles and responsibilities according to project phases.