

May 6, 2014, Webinar Questions and Answers

Below are additional questions that were not answered during the webinar due to time constraints.

Question: What does ac stand for and sf in this slide?

Acres and square feet

Question: By green infrastructure would you include distributed wastewater and water? i.e treat and distribute on site?

Yes, I would include that. We need to include both vegetation and the gray-green infrastructure in that definition. The goal is to hold water on site. There are times when vegetation cannot work as effectively, particularly in more densely populated areas. Distributed managed cisterns and other similar technologies are very importance. I must admit that I haven't given as much thought to wastewater treated on site as being part of green infrastructure. Our focus has been on dealing with stormwater.

Question: Why is there no RWH infrastructure in your costs and value of green infrastructure slide? The lowest cost per cubic meter is from on lot storage. The DC Dept of Environment illustrates the value of a systematic lot by lot stormwater harvesting cistern system.

We have a separate tool for that. We need to combine the two tools together. The screenshot for the tool was from a project that focused only on vegetated green infrastructure. Due to time constraints, I did not put up the screenshot of the other tool. I would agree that cisterns are very effective.

Comment: Greetings to you all - Very interesting presentation! I would like to have a follow up opportunity to present to your collected group another scenario where John's proposed nexus of efficiency measures and introduced green infrastructures could be demonstrated.

Thank you for being interested in sharing with us your experience on green infrastructure. Don't hesitate to get in touch with me. I will also try to get in touch with you. John

Question: Please go to Google Earth - Mentor, Ohio, and www.cityofmentor.com. We have one watershed that comprises more than 60% of our city's land area. I will contact you directly with more detail. My question related to this is: Have any of your models thus far included coastal communities that contain a significant percentage of wetland environments? I can take my answer offline. Thank you. Sincerely, A. Bruckman - AICP. LEED-AP. - City of Mentor.

We have not dealt with communities in the coastal area, but we have worked with them in wetland environments. We worked on another GIS-based tool that looked at Detroit, identified open spaces and identified the types of BMPs that would fit on specific parcels – what's the change from urban compacted soils to different engineered BMPs. This is a scoping tool and helps narrow down what are the options to choose from. Restoring wetlands are very helpful for stormwater management.