

Live Interactive Web Seminar

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Avoiding the Economic Consequences of Poorly Planned Growth on the Provisions of Water and Sewer Services - Mitigating Strategies and Alternatives

WEDNESDAY, April 7, 2010
12 Noon - 1 pm Eastern Time

PURPOSE AND BACKGROUND

Poorly planned growth – also known as suburban and exurban sprawl – is under increasing scrutiny from several perspectives, perhaps first by environmentalists, concerned about its impacts on open space and waterways and its exponential growth in vehicle miles traveled (VMT). Over time, utility and public-sector officials began to notice that the added revenues from less compact service accounts and taxpayers failed to offset the added burdens to their capital, operating and maintenance (O&M) budgets. More recently, health experts bemoaned the uphill battle facing a population living too far from their daily destinations to walk – even if sidewalks existed along their routes.

Now, painful jumps in motor fuel prices are prompting more and more businesspeople and homeowners to reevaluate their vehicle choices and far-flung locations. Most experts believe that the U.S. will soon enter into an international treaty to address global climate change, and that it will include a cap-and-trade system for reducing emissions of global-warming greenhouse gases – making fossil fuels even more expensive.

Anyone involved in planning, designing, constructing or renovating – as well as providing utilities or public services – to new or older existing developments would be wise to begin planning to adapt to these game-changing conditions.

This webinar will offer an overview of a) the fiscal, environmental and social costs of poorly planned growth, b) more sustainable, alternate development patterns and c) some strategies for evolving toward better growth management, plus guidance for further learning. The material presented will apply to any linear utility (e.g., electricity, natural gas, telephone, cable and drainage), but will focus on water and sewer service because they are so often the linchpin to project approval.

LEARNING OBJECTIVES

- What constitutes “poorly planned growth?”
- Principle arguments for rethinking growth models
- Other ways of growing
- Processes for implementing change

SEMINAR BENEFITS

- Gain an updated perspective on the standard suburban development model of detached single-family homes completely separated from other land uses
- Improve your ability to engage with clients, customers and constituents in preliminary discussions about their interests in alternate, more sustainable models for growth

- Obtain insight on where you might best begin developing your competency in offering your clients, customers or constituents more sustainable growth, O&M, etc.
- Earn one Professional Development Hour (1 PDH)

INTENDED AUDIENCE

This webinar is targeted to engineers and others interested in providing more economical and environmentally sustainable alternatives to poorly planned growth, whether in the planning, design, construction or servicing of green, grey or brown-field development. Civil, mechanical, environmental and architectural engineers; professional engineers in other building design disciplines; architects; planners working for municipalities, regional or state authorities; utility managers and officials; elected and public works officials; building-owners and facility managers; and engineering firm managers will benefit from this webinar.

SEMINAR OUTLINE

- What constitutes “poorly planned growth?” Why are we hearing so many calls for alternative models of growth?
- Economics that everyone involved in growth management must understand:
 - Cost comparisons for providing linear utilities in more and less compact developments
 - Cost recovery models — and potential socioeconomic inequities
- Mitigation Strategies
 - Infill development
 - Reuse of “grey-field” and “brown-field” sites
 - Adequate Public Facility Ordinances (APFO)
 - Regulations requiring developers to pay all costs related to installation of utilities within their developments
 - Variable impact fees
 - Urban growth and urban services boundaries
 - Regional cooperation
 - State revolving loan programs with Smart Growth requirements
- Starting Your Community’s Evolution
 - The politics are not always what meets the eye
 - Change requires one or more community leaders to spend the political capital
 - “Process counts”
 - Tapping readily available resources

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REGISTRATION FEES***AVOIDING THE ECONOMIC CONSEQUENCES OF POORLY PLANNED GROWTH ON THE PROVISIONS OF WATER AND SEWER SERVICES—MITIGATING STRATEGIES AND ALTERNATIVES**

WEDNESDAY, April 7, 2010 / 12 Noon – 1 pm Eastern Time

\$249 Member \$299 Non-Member

Information/Registration:**SEMINAR INSTRUCTOR**

Sarah Lynn Cunningham is a licensed environmental engineer and certified environmental educator with 27 years of experience in the breadth and depth of green construction, building and landscape O&M and organizational change management. Currently self-employed, she previously worked 23 years in the public sector, most recently for Louisville and Jefferson County (KY) Metropolitan Sewer District. There she was involved in the planning, design, construction and O&M of numerous multi-million-dollar capital projects that were awarded to design-build teams competing for the tie-breaking 10% of bidding points allotted to environmental considerations.

BENEFITS OF LIVE TELEPHONE/WEB SEMINARS

These online courses use teleconferencing and the Genesys Meeting Center software to make the courses actual live, interactive learning experiences. You will be able to ask the instructor questions and get live real time answers. The instructor will be able to conduct polls to gauge your interest in certain areas and ask you questions as well. You will receive course materials by e-mail prior to the seminar and will be able to view the instructor's Power Point slides during the seminar. These types of online courses have a much higher impact than simply reading material on the web. Live telephone/web seminars offer exceptional convenience and are very cost-effective. No travel is required and the site registration fee allows an unlimited number of participants to attend at each site. In addition, each course participant will earn one Professional Development Hour (PDH) per seminar hour.

SYSTEM REQUIREMENTS FOR PARTICIPANTS

As a participant using the Meeting Center, your computer must meet the following requirements:

Audio: Using a touch-tone telephone.

Web: Microsoft Internet Explorer 6.0, Mozilla Firefox 1.5 for Windows/Mac/Linux, or Safari 2.0 for Macintosh*. Internet connection of minimum 128K.

Pop-up Blockers: All Pop-up blockers must be disabled.

Java: Microsoft Internet Explorer 5.5 with Java script and session cookies enabled.

**Safari on Windows is not supported*

REGISTRATION INFORMATION

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CEU'S/PDH'S

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