



Strategic Asset Management Workshop

Wednesday, June 20, 2018

Industrial Safety Training Council (ISTC), 3749 US-69, Beaumont, TX 77705

Agenda

- 11:30 – 12:15 pm Registration and Lunch sponsored by the WGMA
- 12:15 – 1:00 pm **Luncheon Speaker**
“The Business Case for Strategic Asset Management”
Tom Heidt, COO, Port Houston



Workshop

- 1:00 – 1:30 pm Workshop Introduction
Facilitator: *Maryam Hamidi, Assistant Professor, Lamar University*
- 1:30 – 2:30 pm Asset Management Fundamentals – Practical Tips for Managing Assets
Roop Lutchman, Global Lead on Asset Management, GHD Advisory, Mississauga, Ontario, Canada
- 2:30 – 2:45 pm Break
- 2:45 – 3:30 pm Reducing the IT Costs for Asset Management
Daniel Elroi, CEO, NSGIS (NorthSouth GIS), Los Angeles, CA
- 3:30 – 4:15 pm Inspection and Condition Assessment of Maritime Infrastructure: A Key Part of Asset Management
Carl J. Larosche, PE, Principal, WJE (Wiss, Janney, Elstner Associates, Inc.), Austin, TX
- 4:15 – 4:30 pm Workshop Wrap-up and Next Steps
Maryam Hamidi

Workshop Objectives

1. Challenges facing infrastructure owners and the benefits of a strategic AM program.
2. AM best-in-class framework overview and key elements.
3. AM program implementation strategy and approach.
4. AM technology and data management enablers as related to evidential-based decision-making.
5. Case studies supporting concepts and ideas.

Roop Lutchman, PEng, MBA, PMP



Roop is a Principal and the Global Lead for Asset Management at GHD LTD. He has over 36 years of combined management consulting and industry experience. Roop is a professional engineer, project management professional and a recognized industry expert in the advisory services area with specific focus in Asset Management, Business Optimization, Knowledge & Information Management Solutions, and Project Management. He is the author of three books on these subjects, published by DESTech Publishers: Computerized Work Management Systems for Utilities and Plant Operations (2003), Sustainable Asset Management (2006) and Creating and Managing Sustainable Organizations (2011). Roop was also a contributing author to the latest version of the IIMM manual. He is passionate about helping clients make the right decisions and develop the best solutions for their business.

Daniel Elroi



Daniel Elroi is the President and CEO of NSGIS (NorthSouth GIS LLC), a consulting firm based in Los Angeles that specializes in implementing geospatial technologies in ports, airports and water/wastewater utilities. He studied GIS at UCLA in 1980s in the very early days of commercial GIS software, before GIS became an accepted enterprise information management technology. He got his professional start working for one of the first cities in the US to adopt GIS, the City of Los Angeles, and proceeded to implement GIS in mining, real estate, pipelines, planning, law enforcement, transportation, utilities and nuclear waste disposal. In the past 20 years Daniel has founded or co-founded four geospatial technologies consulting firms in three countries, including NSGIS which he co-founded in 2005. Since 2008 his firm has pushed the use of GIS especially in support of asset management, security management, and property management in ports, with nearly every significant West Coast port as their client. Today, Daniel is focused on the use of information technologies for the support of strategic asset management across many industries.

Carl J. Larosche, PE, FACI



Carl J. “Chuck” Larosche, is a structural engineer with over 35 years of experience in structural design and construction, including investigation and repair development for various types of structures and materials. Mr. Larosche is an industry leader in the fields of repair and rehabilitation of existing structures, structural design, and evaluation of existing materials. He has successfully combined his broad construction background with his knowledge of material behavior in existing structures to provide rare insight and knowledge in the areas of conventional reinforced concrete, precast and post-tensioned concrete, steel, and timber, including assessment, strengthening and repair of these materials.

A significant focus for Mr. Larosche in recent years has been civil infrastructure. He led the recent effort to develop Port Houston’s Facility Inspection and Condition Assessment Program (FICAP), and he has been the Project Manager or Advisor on numerous infrastructure assessment, design, and rehabilitation projects including marine waterfront structures (i.e., wharves, piers, etc.), dams, water treatment and reclamation plants, nuclear power generating plants, mines, cooling towers, railways, bridges, and tunnels. Mr. Larosche brings his experience with the assessment and rehabilitation of existing maritime structures to the field of asset management.