



MEETING AGENDA

- I. Call to Order and Welcome Mohamed Gallow
 - a. Breakout Sessions into Small Groups for socializing
 - b. Introduce Officers:
 - Director: Sidney May
 - Past President: Matthew Uelmen
 - President: Mohamed Gallow
 - Vice President: Jake Faber
 - Treasurer: Hector Orozco
 - Secretary: Alicea Morris
 - YMG President:
 - UAB Student Branch President: Waed Antar
 - c. Recognize Guests
- II. Committee/Officer Reports
 - a. Meeting Minutes Alicea Morris
 - b. Treasurer Report Hector Orozco
 - c. Other Committee Reports
- III. Unfinished Business Mohamed Gallow
 - a. Business from the Floor
- IV. New Business Mohamed Gallow
 - a. Mentor/Mentee Program with UAB Student Chapter. Seeking Mentors.
 - b. Q & A Seminar at UAB. Seeking Volunteers.
 - c. Changes to December half-day seminar and possible topics:
 - Tuesday, December 1st from 11:45 am to 1 pm (1PDH): Engineering Ethics and Engineering Disasters.
 - Wednesday, December 2nd from 11:45 am to 1 pm (1PDH): Concrete 3D Printing
 - Thursday, December 3rd from 11:45 am to 1 pm (1PDH): Intro to Hemp Remediation and Brownfields.
- V. Announcements Mohamed Gallow
 - a. Monthly meetings will be held virtually due to COVID until further notice.
 - b. Recognize Mr. H. Ray Bailey, previous president of the Birmingham Branch, and Chairman of the District 14 Council of ASCE from 1983-1991.
 - Ms. Catherine A. Heinzerling dedicated a \$500 annual scholarship in memory of H. Ray Bailey.
 - c. Jean-Louis Briaud of Texas is ASCE's new Society President.
 - d. ASCE's new code of ethics is available now in [ASCE website](#).
 - e. National ASCE Day and the Birmingham 50th anniversary: November 5th, 2020.
 - Hiking trip on Saturday (November 7th, 2020) at the Red Mountain Park, Meeting at the entrance at noon.

VI. Program

- a. Dr. Ossama Ramadan, Ph.D., P.E., PTOE, ENV SP, and PMP “Traffic Data Analytics in Disruptive Times” (1 PDH)

Mission of the Birmingham Branch: For the greater Birmingham area, provide value to members, promote the profession of civil engineering, and serve the public good by: bringing attention to the services provided by civil engineers, reaching out to area students to encourage interest in a civil engineering career, and educating members and the public about the state of the infrastructure and sustainable practices.

Traffic Data Analytics in Disruptive Times

A Presentation to the ASCE Birmingham Chapter

November 5th, 2020, 12:00-1:00pm CST

As a result of the COVID-19 Pandemic, travel behaviors and patterns changed. There are several long-term forces in play and the Institute of Transportation Engineers predicts that a full return to pre-pandemic traffic is highly unlikely. Until travel behaviors and pattern stabilize to the anticipated new norm, field collected traffic data would not be representative of typical travel conditions. This presentation will provide an overview of innovative approaches to traffic data acquisition and synthesis in lieu of field data collection. Emphasis will be laid on synthesizing unmet demand (queue) counts in retrospect. A recent application of that approach will be showcased.

PRESENTER

Ossama E. Ramadan, PhD, PE (KY, TX, LA), PTOE, ENV SP, PMP

Senior Transportation Engineer | Project Technical Leader

Traffic Engineering & Parking

CDM Smith Inc. – Houston, TX



Dr. Ramadan is a Senior Transportation Engineer and Project Technical Leader for traffic engineering and transportation planning projects at CDM Smith in Houston, TX. He is a nationally recognized expert in traffic operations and road safety. His 21 years of extensive and varied experience include over 13 years managing projects and leading the technical delivery under various project delivery systems and contract models. Dr. Ramadan is a member of the ASCE.