



Society for
Mining, Metallurgy
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Washington DC Section

The Washington DC Section of SME Proudly Presents:

Evaluating the Mineral Commodity Supply Risk of the U.S. Manufacturing Sector

Presented by Dr. Nedal T. Nassar

Abstract: Trade tensions, resource nationalism, and various other factors are increasing concerns regarding the supply reliability of nonfuel mineral commodities. This is especially the case for commodities required for new and emerging technologies ranging from electric vehicles to wind turbines. In this analysis, we use a conventional risk-modeling framework to develop and apply a new methodology for assessing the supply risk to the U.S. manufacturing sector.

Date: Wednesday, March 11, 2020

Time: 12:00 noon

Location: US Department of the Interior - Stewart Udall Building, Kiowa Room – Adjacent to the cash registers in the basement cafeteria. The building address is 1849 C St. NW, Washington, DC.

For more Information please see the following page.



About the Speaker: Nedal T. Nassar is the Chief of the Materials Flow Analysis Section at the National Minerals Information Center, U.S. Geological Survey. Dr. Nassar is an expert in mineral criticality assessments and material flow analyses. Dr. Nassar received his Ph.D. from Yale University where he worked on a methodology for identifying critical minerals. He has continued that work by developing an early-warning screening for critical minerals with the U.S. National Science and Technology Council. Dr. Nassar was recently awarded the Presidential Early Career Award for Scientists and Engineers (PECASE). Dr. Nassar also holds a bachelor's degree in chemical engineering from the University of Minnesota, an MBA in sustainable global enterprise from Cornell University, as well as two master's degrees from Yale University

SPECIAL NOTICE: This year the Washington - DC Section has changed the venue and format venue for our monthly meetings.

MEETING VENUE: We will hold our monthly meetings downtown at the US Department of the Interior Stewart Udall Building, Kiowa Room. The building address is 1849 C St. NW, Washington, DC.

Please enter through the C Street entrance at 1849 C St. NW, Washington, DC (near the corner of 19th Street NW and C Street NW). All participants must go through security at the public entrance so bring a valid government issued ID such as a drivers' license and allow an extra 5 minutes to go through security screening (metal detector, etc.). Security will ask for the person reserving the room - this is **Michael Jarvis**.

The nearest Metro station is Farragut West on the Blue/Orange/Silver Lines. The walk is approximately 6 blocks (about 1 mile). Buses do go between the Metro Station and the Interior Department. See Metro's website for details: <https://www.wmata.com/>

There is limited metered street parking around the building for two hours, costing around \$4.00, which may or may not be available depending on activity downtown. Public parking is also available at 1900 E St NW.

Limited parking for government employees is available at the Department of the Interior Building. Please see the information below for all details in order to obtain a parking permit. Of particular note is that requests for parking **MUST** be submitted at least two full business days before the date of the meeting and permits are issued on a first come-first serve basis. (It is suggested you submit your request as soon as you have decided that you will attend the meeting). The request needs to have the following information:

Date of parking/Time of day: (10:30 to 1:30 suggested)

Purpose: "SME-DC meeting, US Geological Survey sponsor", Room 1548

Driver's name/Driver's phone number

Make/Model/year of vehicle

License Plate Number/State vehicle is registered

Government vehicle? Yes/no

Send request to Angela Moyer at amoyer@usgs.gov and cc kzackschewski@usgs.gov

MEETING FORMAT:

Please note that we are also changing the format of the meetings. We will not be serving lunch, however you may eat at the Department of Interior Cafeteria or elsewhere prior to the meeting. It may also be permissible to eat in the conference room. The cafeteria is located in the basement of the building. Take the stairs or elevator down as you leave the security checkpoint and follow the signs to the cafeteria. The Kiowa Room is located adjacent to the basement cafeteria cash registers.

The meeting schedule will be as follows:

11:00 am - 11:45 am	Set up, socialize, have lunch (either in the cafeteria or room).
11:45 am - 12:00 pm	Sign in, get seated.
12:00 pm - 12:45 pm	Speaker.
12:45 pm - 1:00 pm	Clean up, depart.

In order to streamline things and to ensure we don't take too much of everyone's time, we will start the speaker at 12:00 pm sharp, so please be in the room by 11:45 am. We must be out of the room by 1:00 pm.