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The Washington DC Section of SME proudly presents

Dr. Andrew Gulley - "China, the United States, and competition for resources that enable emerging technologies"

Abstract: Historically, resource conflicts have often centered on fuel minerals, like oil. Future resources conflicts however may focus more on competition for non-fuel minerals that enable modern technologies. America's 2018 National Defense Strategy states that great power competition is the country's most important defense challenge. Its key competitor for resources is China. The United States has historically been the largest economy with correspondingly high natural resource consumption. However, Chinese consumption is catching up. Both countries are expected to increase their natural resource demand, particularly for minerals used in new technologies. Yet growth in global demand will exert pressure on already tight supplies. Consequently, countries must focus on resource security. The new competitive space for great powers centers on the production of minerals and ensuring adequate supplies. The role of cobalt will also be discussed.

Date:	Wednesday March 13, 2019
Time:	Social Hour 11:30 - 12:00 am Section Business/Luncheon 12:00 - 2:30 pm
Location:	Maggiano's Little Italy At Tysons Galleria 2001 International Drive McLean, Virginia 22102
Metro Access:	Silver Line Tysons Corner Station next to Route 123
Buffet Luncheon:	
Soup:	Creamy Tomato Basil
Choice of 3 Salads:	Caesar, Orzo Pasta, Italian Tossed
Choice of 3 Sandwiches:	Fazio's Italian Hero Roast Beef (Blue Cheese & Mixed Greens) Grilled Vegetables with Lemon & Spicy Basil Mayo
Choice of 3 Deserts:	Triple chocolate Cookies Vera's Lemon Cookies Seasonal Whole Fruit
Cost:	\$ 25 for DC Section Members and Guests
RSVP:	Please reply by email to George K. Schuler at gkschuler@Verizon.net by Tuesday March 12, 2019

Biography: Dr. Andrew Gulley is an analyst for the National Minerals Information Center at the U.S. Geological Survey where he has conducted research on minerals critical to China's development of advanced technologies, China's foreign mineral investment, and minerals critical to the economic and national security of the United States. Before joining USGS, Andrew received a doctorate in Mineral Economics from the Colorado School of Mines while gaining experience in the mining sector with Newmont Mining, Resource Capital Funds, Sustainable Development Strategies Group, USGS, and the EPA. Andrew received a bachelor's degree in economics from the University of Chicago.