

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

Committee on Potential Impacts of Gold Mining in Virginia

Wednesday, December 15

VIRTUAL OPEN SESSION AGENDA

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| 1:00 p.m. | Introductions & overview | <i>Bill Hopkins, Chair; Stephanie Johnson, NASEM</i> |
| 1:20 p.m. | Gold and gold mining in Virginia | <i>David Spears, VA DOE</i> |
| 1:45 p.m. | Q&A | |
| 2:00 p.m. | Perspective on Legislation | <i>Delegate Elizabeth Guzman</i> |
| 2:10 p.m. | Mineral mining regulations | <i>Michael Skiffington, VA DOE</i> |
| 2:25 p.m. | Surface / ground water and air quality | <i>James Golden, VA DEQ</i> |
| 2:40 p.m. | Q&A | <i>Virginia VDH, DOE, DEQ</i> |
| 3:00 p.m. | BREAK | |
| 3:15 p.m. | Friends of Buckingham | <i>Stephanie Rinaldi, Kenda Hanuman</i> |
| 3:25 p.m. | Southern Environmental Law Center | <i>Kristin Davis</i> |
| 3:35 p.m. | Discuss statement of task | <i>Virginia DOE, VDH, DEQ</i> |
| 3:45 p.m. | Q&A | |
| 4:00 p.m. | Adjourn | |

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SPEAKER BIOS

Delegate Elizabeth Guzman is a Peruvian-American politician and social worker elected to represent Virginia's 31st House of Delegates district in Virginia's House of Delegates. She serves on the House committee on Privileges and Elections as well as the committee on Cities, Counties, and Towns. A mother to four children, Elizabeth is a social worker and public administrator who was one of the first two Latinx women elected to the House of Delegates.

Kenda Hanuman co-founded Friends of Buckingham (FoB) in 2014, with the mission to protect the natural environment and cultural heritage of Buckingham County. She worked in numerous facets supporting the Environmental Justice community of Union Hill until the Atlantic Coast Pipeline (ACP) project was cancelled on July 5, 2020. Her 28 years of living in Buckingham has given her a respect and understanding of the people, their history, and the beauty and peace of this rural area. Upon hearing from a neighbor in June 2020 of a Canadian company's exploratory gold drilling, she began research into the implications of an open-pit mine in Buckingham County. She joins with the many FoB allies from the ACP resistance and other organizations to discover the full implications of what large scale industrial gold mining would mean for Buckingham County and the Commonwealth of Virginia.

Kristin Davis is a senior attorney in the Charlottesville office of the Southern Environmental Law Center. Prior to joining SELC, Kristin worked for McGuireWoods in Charlottesville where she focused on energy litigation and for K&L Gates in Boston where she concentrated on class action litigation. She has a J.D. from Northeastern University School of Law and a B.A. in History from American University.

Stephanie Rinaldi is a resident of Buckingham County and a self-described directly impacted neighbor. She is the co-chair of the Gold Committee for the Friends of Buckingham, a group of citizens united to work with our county leaders to attract economic investment opportunities that benefit all of our residents, and that contribute to a sustainable healthy environment. The group took an active stance against the proposed Atlantic Coast Pipeline (ACP, formerly known as the Dominion Southeast Reliability Project) and is currently working to protect Virginia from the dangers of commercial gold mining.

David Spears is the State Geologist of Virginia at the Virginia Department of Energy (DOE, formerly the Virginia DMME). David began his professional career on the Gulf Coast as a petroleum geologist for Chevron USA from 1983 to 1991. His work has involved resource analysis of coal, natural gas, and gold deposits as well as policy development for several Virginia governors on offshore drilling, shale gas, and geologic hazards. He is a member of the Geological Society of America, the Society of Economic Geologists, and is the past President-elect of the Association of American State Geologists. He has been a Certified Professional

Geologist since 2002. He received a B.S. in geology from Lafayette College in 1981 and an M.S. in geology from Virginia Tech in 1983. David is currently serving his last term on the National Academy Committee of Earth Resources, a sub-committee within the Board of Earth Sciences and Resources.

Michael Skiffington is the Director of Policy and Planning for the Virginia Department of Energy. Since January 2010, he has served as the agency's primary liaison to the General Assembly, as well as the agency's regulatory coordinator. Michael also leads the agency's strategic planning team. A lifelong Virginian, he received a Bachelor's Degree in Business Administration from Old Dominion University and a law degree from George Mason University. An avid musician since the age of eight, Michael lives with his wife in Henrico County.

James Golden is the Director of Regional Operations and the Regional Director of the Piedmont Regional Office for the Virginia Department of Environmental Quality.