

Dr. Robert Hazen Group Event

Newly Announced Activity

Thursday, April 26th, 2018

Panel Discussion: Application of “Big Data” Tools to Minerals Exploration

- Topic:** The application of mineral network and other “big data” analysis and visualization tools to minerals exploration; discussion of the applications of these techniques to other mineralogical studies based on audience input.
- When:** Thursday afternoon, 2-3:30 pm; doors open at 1:45 pm.
- Where:** Room BB-280W (auditorium at west end of Brown Hall, CSM Campus).
- Duration:** 90 minutes.
- Audience:** Open to the public, but particularly relevant to mineral industry professionals and to academic geologists, including students.
- Objective:** Come away with a basic understanding of the applicability of these tools to minerals exploration (and perhaps other geo-scientific endeavors); of the pitfalls, challenges, issues; and directions of future research.
- Format:** 1) welcome and panel introduction; 2) panel-directed questions; 3) audience engagement; 4) panel member closing statements; and 5) final remarks by Dr. Robert Hazen
- End Products:** 1) Videotape of this activity; and 2) results to be presented at Fall 2018 SEG Keystone meeting.
- Moderator:** Dr. Lewis C. Kleinhaus (CSM Alum, DREGS and consulting exploration geologist)
- Panel:** Up to ten representatives, many of whom wear multiple hats, including the following:

- Dr. Robert Hazen (Carnegie)
- Dr. Simone Runyon (University of Wyoming and Carnegie)
- Dr. Shaunna M. Morrison (Carnegie)
- Ahmed Eleish (Rensselaer Polytechnical Institute)
- Anirudh Prabhu (Rensselaer Polytechnical Institute)
- Dr. M. Stephen Enders (CSM)
- Sandra Perry (Perry Remote Sensing)
- Dr. Jeffrey Mauk (USGS)