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Recommendations for Education and Outreach Infrastructure are included in the infrastructure matrices excel file, under the tab marked Module Characteristics #4. There are two modules, A and M, that cover E&O infrastructure below ground and on surface, respectively. We can generally consider access underground as limited. To have access, one would have to have completed certain health and safety training. It is anticipated that access levels could change during various stages of DUSEL. For underground access, we have the following categories:

- a. General public w/ guides
- b. Vendors
- c. Visiting scientists, including undergraduates
- d. Staff scientists
- e. Staff, including miners

Category *c* includes research-trained undergraduates, graduate students, and postdoctoral scientists, who would also have the H&S training. Categories *c* through *e* could have access during and even before construction, which would seem appropriate especially during early sampling events. Of course, a highly trained postdoc or graduate student could be expected to assist the PI or sampling scientist. Likewise, we could expect some restriction to personnel during this time. It is also important that physical infrastructures listed below include people-tracking system, which could be implemented from ground breaking. Public access underground is expected to be restricted in early DUSEL construction; however, to keep the public aware of what is happening, one should consider video documentation. Remote camera access to the subsurface would be very useful for such documentation. Ultimately, the remote camera could be used by students from their distant classrooms.

The following list provides physical forms of infrastructure that E&O would like to have in the DUSEL facility. It is anticipated that these items would be shared facilities. Categories: *c, g, h, i* and *l* are suggested for underground E&O activities. Categories: *a, b, c, d, e, g, h, j, k*, and *l* are suggested for surface E&O activities.

- a. Clean lab (physics)
- b. Clean lab (biological)
- c. Computing facilities
- d. Wet labs
- e. Machine shops
- f. Ultrapure water
- g. Class rooms
- h. Conference rooms
- i. People-tracking systems
- j. Office
- k. Auditorium
- l. Exhibit facilities