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The Snowmass UF Supporting Capabilities topical group report

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The 2021 particle physics community study, known as "Snowmass 2021,"has brought together particle physicists around the world to create a unified vision for the field over the next decade. One of the areas of focus is the Underground Facilities (UF) frontier, which addresses underground infrastructure and the scientific programs and goals of underground-based experiments. To this effect, the UF Supporting Capabilities topical group created two surveys for the community to identify potential gaps between the supporting capabilities of facilities and those needed by current and future experiments. Capabilities surveyed include underground cleanroom space size and specifications, radon-reduced space needs and availability, the assay needs and timeline for future experiments, and other space needs such as for crystal growth underground. In this talk, I will discuss the survey results and give a summary of the topical group report that has been written for the Snowmass process.

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