Society’s demand for underground infrastructure is growing immensely as exemplified by many recent and forthcoming underground megaprojects, including the $13B Hudson river transit tunnels, the $120B Los Angeles Metro expansion program, the $54B Seattle light rail expansion program, the $50B California high speed rail project and the $15B bay delta tunnels. Most of these projects will be located where the people are - in major urban environments - and regardless of geology. Underground engineers will have to figure this out - lots of bad ground, lots of water, and zero settlement allowed! And, under the scrutiny of many non-technical entities that know little about the technical challenges. In this talk, Bruce summarizes the many technical and nontechnical challenges that young engineers will face in building this next generation infrastructure, and provides advise to Mines students on how to prepare and tackle such challenges.

Bruce Grewcock is chief executive officer and chairman of the board of Peter Kiewit Sons’, Inc. A Fortune 500 Company, Kiewit is the fifth largest general contractor in the U.S., is privately owned and performs work throughout the U.S., Canada and Western Australia. In 2000, Grewcock became president and chief operating officer of Kiewit. He assumed the role of chief executive officer in 2005, becoming the seventh executive to lead the company. In 2013, he became chairman of the board of directors.

A leader in the community, Grewcock serves as a director of Nebraska Medicine and Creighton University, and on the Colorado School of Mines Foundation’s Board of Trustees.

Grewcock earned a B.S. in mining engineering from the Colorado School of Mines in 1976.

WED., SEPTEMBER 27
12:00-1:00 P.M.
BERTHOUD HALL 243