

Desert Climates

GPH 591, Fall 2016

Line # 92509

3 credits

Limit 12 students

Monday 3.05–5.50 PM

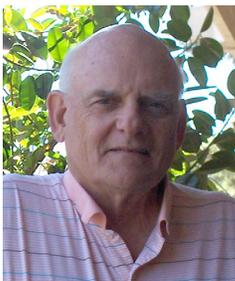
COOR 5635

This seminar, offered for the first time, will explore desert climates of the world of both the hot and cold variety. Close to where we live are excellent examples of both the hot and cold extremes of low precipitation classified by climatologists as desert conditions, such as the high deserts of the Great Basin to the depths of Death Valley and our Sonoran Desert. Although we are most familiar with these, a literature survey and evaluation of climate in world arid areas will be explored with focus on the typically large temporal variability, special weather processes and climate impacts in arid environments. It is a seminar of discussion, literature evaluation, digging out critical issues related to climate, and execution of a seminar paper all of which shall contribute to a final grade. I anticipate several experts to address our group.



Death Valley National Park

Anthony J. Brazel, School of Geographical Sciences & Urban Planning



Dr Brazel is an Emeritus Faculty - geographer and climatologist. While at ASU he has served as Arizona's governor-appointed State Climatologist from 1979-1999, Geography Departmental Chair from 1991-1997, and Manager of the Southwest Center for Environmental Research and Policy through the Center for Environmental Studies from 2001 to 2003. He is a former member of the Board of Urban Environments of the American Meteorological Society and Scholarship Committee of the International Association on Urban Climate. He is a Fellow of American Association of the Advancement of Science and the Arizona-Nevada Academy of Science; and is a Senior Sustainability Scientist with the Julie Ann Wrigley Global Institute of Sustainability. He is a past member of the Climate Science Team of the Decision Center for a Desert City (NSF), and has been involved as a climatologist with the Central Arizona-Phoenix Long-Term Ecological Research Project (NSF).