

Abstract

[LINK TO PAPER](#)

Geodatabase of the South Texas Uranium District

Track: Mining and Geosciences

Author(s): Mark Beaman, William McGee

Uranium is ubiquitous in the South Texas environment. Surface mining of this resource from the 1960s through the early 1980s at more than eighty locations has left an extensive anthropological footprint in local river basins. Presently researchers are completing work on the distribution of trace elements below the mining district. Are the elevated levels of uranium and radiation in South Texas due to mining activity or natural geological abundance? A definitive answer to such a question can be resolved through the spatial analysis properties of a GIS. This paper describes compilation of monitoring data into a publicly available GIS database.

Mark Beaman

TAMUCC

CBI

6300 ocean drive

corpus christi , TX 78410

USA

Phone: 361-816-0825

E-mail: mbeaman@cbi.tamucc.edu

William McGee

TAMUCC

CBI

6300 ocean drive

corpus christi , TX 78410