Accepted Manuscript

Identifying the boundaries of sinkholes and subsidence areas via trenching and establishing setback distances

Francisco Gutiérrez, Mario Zarroca, Rogelio Linares, Carles Roqué, Domingo Carbonel, Jesús Guerrero, James P. McCalpin, Xavier Comas, Anthony H. Cooper

PII: S0013-7952(17)31104-3

DOI: doi:10.1016/j.enggeo.2017.12.015

Reference: ENGEO 4727

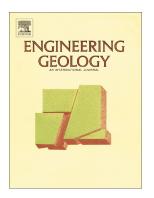
To appear in: Engineering Geology

Received date: 29 July 2017

Revised date: 23 November 2017 Accepted date: 21 December 2017

Please cite this article as: Francisco Gutiérrez, Mario Zarroca, Rogelio Linares, Carles Roqué, Domingo Carbonel, Jesús Guerrero, James P. McCalpin, Xavier Comas, Anthony H. Cooper, Identifying the boundaries of sinkholes and subsidence areas via trenching and establishing setback distances. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Engeo(2017), doi:10.1016/j.enggeo.2017.12.015

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



ACCEPTED MANUSCRIPT

Identifying the boundaries of sinkholes and subsidence areas via trenching and establishing setback distances

Francisco Gutiérrez (1)*, Mario Zarroca (2), Rogelio Linares (2), Carles Roqué (3), Domingo Carbonel (1), Jesús Guerrero (1), James P. McCalpin (4), Xavier Comas (5), Anthony H. Cooper (6)

- (1) Departamento de Ciencias de la Tierra; Universidad de Zaragoza; C/. Pedro Cerbuna 12; 50009 Zaragoza; Spain; Phone: 34 976 761090
- (2) Departamento de Geología; Universidad Autónoma de Barcelona; E-08193 Barcelona; Spain
- (3) Àrea de Geodinàmica Externa i Geomorfologia; Universitat de Girona; Campus Montilivi; E-17003 Girona; Spain
- (4) Geo-Haz Consulting Inc., CO, USA
- (5) Department of Geosciences, Florida Atlantic University, Davie, FL, USA
- (6) Independent geological consultant, formerly British Geological Survey, UK

^{*}Corresponding author e-mail: fgutier@unizar.es

Download English Version:

https://daneshyari.com/en/article/8915989

Download Persian Version:

https://daneshyari.com/article/8915989

<u>Daneshyari.com</u>