

## ARIZONA GEOLOGICAL SURVEY: EARTH FISSURE PUBLICATION LIST

### NEW PUBLICATIONS

During 2006 AZGS geologists published several articles about subsidence and earth fissures:

“Hazardous Cracks Running through Arizona,” *Geotimes*, American Geological Institute, August 2006. Authors: Ray Harris and M. Lee Allison

“Earth Fissures in Arizona,” *Our Real Estate Community* newsletter, September 2006: Author: Ray Harris.

“Earth Fissures in Arizona,” *Arizona Department of Real Estate Newsletter*, November 2006: Author: Ray Harris.

“Earth Fissures in Arizona,” *Arizona Journal of Real Estate and Business*, January 2007: Author: Ray Harris.

### EARTH FISSURE PUBLICATIONS FROM THE AZGS

#### Down-to-Earth Series

**DTE-3**-Land Subsidence and Earth Fissures in Arizona, by S. Slaff, 1993, 24 p. \$4.50

**DTE-13**-A Home Buyer's Guide to Geologic Hazards in Arizona, by Raymond C. Harris and Philip A. Pearthree, 1993, 24 p. \$8.95

#### Maps

**M-23**-Land Subsidence, Earth Fissures, and Water-Level Change in Southern Arizona, by H.H. Schumann and R.B. Genualdi, 1986, scale 1:1,000,000. \$4.00

#### Special Papers

**SP-5**-Geologic Diversity of Arizona and Its Margins; Excursions to Choice Areas, edited by G.H. Davis and E.M. VandenDolder, 1987, 422 p.[Field-Trip Guidebook for the 100th Annual Meeting of The Geological Society of America, Phoenix, Ariz., 1987]. \$20.00

**SP-2**-Guidebook to the Geology of Central Arizona, by D.M. Burt and T.L. Péwé, 1978, 176 p. [Field-Trip Guidebook for the 74th Regional Meeting of the Cordilleran Section, The Geological Society of America, Tucson, Ariz., 1978]. \$15.00

#### Open-File Reports

**OFR-04-01**-Giant Desiccation Cracks in Arizona, by R.C. Harris, 2004, 93 p. \$22.00

**OFR-03-07**-Additional Giant Desiccation Cracks near Wintersburg, Maricopa County, Arizona, by R.C. Harris, 2003, 17 p. \$5.50

**OFR-01-10**-A New Earth Fissure Near Wintersburg, Maricopa County, Arizona, by R. C. Harris, 2001, 22 p.\$6.50

**OFR-99-26**-Field Guide to Earth Fissures and Other Land-Subsidence Features in Picacho Basin, Pinal County Arizona, by R.C. Harris, 1999, 55 p. \$10.00

**OFR-99-18**-Geologic Map of the Picacho Mountains and Picacho Peak, Pinal County, Southern Arizona, by S.M. Richard, J.E. Spencer, C.A. Ferguson, and P.A. Pearthree 1999, 43 p., 2 sheets, scale 1:24,000. Text and sheets. \$10.00

**OFR-98-23**-Geology and Geologic Hazards of the Casa Grande Area, Pinal County, Arizona, by J.E. Klawon, P.A. Pearthree, S.J. Skotnicki, and C.A. Ferguson, 1998, 26 p., scale 1:24,000, 6 sheets, [1-Stanfield; 2-Casa Grande West; 3-Casa Grande East; 4-Coolidge; 5-Double Peak; 6-Chuichu]. Complete set.\$15.00

**OFR-97-19**-Earth Fissures in the Bowie-San Simon Area, Cochise County, Arizona, by R.C. Harris, 1997, 10 p., scale 1:24,000. Text and sheet. \$7.00

**OFR-96-23**-Geologic Map of the Mesa 30' x 60' Quadrangle, East-Central Arizona, by J.E. Spencer, S.M. Richard, and P.A. Pearthree, 1996, scale 1:100,000. \$3.00

**OFR-95-11**-Bibliography on Subsidence and Earth Fissures in the Metropolitan Phoenix Area, by R.A. Trapp and R. Frisch-Gleason, 1995, 6 p.\$2.00

**OFR-95-8**-Bibliography of Subsidence and Earth Fissures Within Arizona, by R. Frisch- Gleason, Steven Slaff, and R.A. Trapp, 1995, 21 p. \$4.50

**OFR-95-6**-A Reconnaissance of Earth Fissures Near Stanfield, Maricopa, and Casa Grande, Western Pinal County, Arizona, by R.C. Harris, 1995, 6 p., scale 1:24,000. Text and sheet. \$5.00

**OFR-94-11**-A Reconnaissance of Earth Fissures Near Apache Junction, Chandler Heights, and Southwestern Picacho Basin, by R.C. Harris, 1994, 5 p., scales 1:24,000 and 1:27,000, 2 sheets. Text and sheets. \$4.00

**OFR-94-7**-Surficial Geology of the Santan Mountains Piedmont Area, Northern Pinal and Eastern Maricopa County Area, Arizona, by Gary Huckleberry, 1994, 32 p., scale 1:24,000, 2 sheets. Text and sheets. \$8.00

**OFR-93-11**-Earth Fissures and Related Subsidence Features Adjacent to the Tucson Aqueduct, Central Arizona Project, Pinal and Pima Counties, Arizona, by S. Slaff, 1993, 18 p., scale 1:24,000, 6 sheets. Text and sheets.\$15.00

**OFR-93-1b**-Gravity and Magnetic Surveys at Brady Earth Fissure, Picacho Basin, Pinal County, Arizona: Raw Data, by Steven Slaff, 1993, 15 p. \$2.50

**OFR-93-1a**-Gravity and Magnetic Surveys at Brady Earth Fissure, Picacho Basin, Pinal County, Arizona, by Steven Slaff, 1993, 29 p., scale 1:24,000. Text and sheets. \$7.00

**OFR-92-13**-DRASTIC Analysis of the Potential for Groundwater Pollution in Pinal County, Arizona, by D.L. Moulton, with a fissures study by Steven Slaff, 1992, 67 p., scale 1:250,000, 11 sheets. Text and sheets. \$25.00

**OFR-91-1**-Earth-Fissure Activity Near Brady and Picacho Pumping Plants, Tucson Aqueduct, Central Arizona Project, Pinal County, Arizona, by Steven Slaff, 1991, 43 p., scale 1:24,000, 2 sheets. Text and sheets. \$10.50

**OFR-90-7**-Bibliography on Arizona Earth Fissures and Related Subsidence, With Selected References for Other Areas, by Steven Slaff, 1990, 28 p. \$4.75

**OFR-90-2**-Surficial Geologic Maps of the Picacho Basin, by Garrett Jackson, 1990, 9 p., scale 1:24,000, 5 sheets [1-Picacho Reservoir; 2-Newman Peak; 3-Casa Grande Mts.; 4-Eloy North; 5-Eloy South]. Complete set. \$11.50

**OFR-89-10**-Development of Earth Fissures in Picacho Basin, Pinal County, Arizona From 1959 to 1989, by Steven Slaff, G.W. Jackson, and P.A. Pearthree, 1989, 38 p., scale 1:24,000, 6 sheets [1-Red Rock NW (Newman Peak); 2-Picacho Reservoir; 3- Casa Grande Mts.; 4-Eloy NE (Eloy South); 5-Eloy North; 6-Valley Farms]. Text and sheets. \$18.25

**OFR-88-20**-Potential Land Surface Subsidence at the Arizona Superconducting Super Collider (SSC) Site; Considering Past, Current and Possible Future Ground-Water Withdrawal, by S.J. Brooks, 1988, 28 p.\$4.50

**OFR-86-14**-Land Subsidence, Earth Fissures, and Water-Level Change in Southern Arizona, by H.H. Schumann and R.B. Genualdi, 1986, scale 1:500,000 [also printed at 1:1,000,000 scale as Map 23]. \$5.00