

## BIBLIOGRAFIA

- ABELSON M., YECHIELI Y., CROUVI O., BAER G., WACHS D., BEIN A. & SHTIVELMAN V. (2006) - *Evolution of the Dead Sea sinkholes*. In: ENZEL Y., AGNON A. & STEIN M. (Eds.) *New frontiers in Dead Sea paleoenvironmental research*. Geological Society of America, sp. paper **401**, 241-253.
- ALLIJA S., BALDASSARRE G. & SHKUPI D. (2001) - *Quaternary subsidence zones in Albania: some case studies*. Bull. Eng. Geol. Environ., **59**, 313-318.
- AL-RIFAIY I.A. (1990) - *Land subsidence in the Al-Dabr residential area in Kuwait: a case history study*. Quarterly Journal of Engineering Geology, **23**, 337-346.
- AMIN A.A. & BANKHER K.A. (1997) - *Karst hazard assessment of eastern Saudi Arabia*. Natural Hazards, **15**, 21-30.
- ANDREJCHUK V. (1996) *The Bereznykovsky collapse*. Geokologia, **1**, 17-34 (in russo).
- ANDREJCHUK V. (2002) - *Collapse above the world's largest potash mine (Ural, Russia)*. International Journal of Speleology, **31** (1/4), 137-158.
- ANDREJCHUK V. & KLIMCHOUK A. (2002) - *Mechanisms of karst breakdown formation in the gypsum karst of the fore-Ural region, Russia (from observations in the Kungurskaja cave)*. International Journal of Speleology, **31** (1/4), 89-114.
- ANGEL J.C., NELSON D.O. & PANNO S.V. (2004) - *Comparison of a new GIS-based technique and a manual method for determining sinkhole density: an example from Illinois' sinkhole plain*. Journal of Cave and Karst Studies, **66** (1), 9-17.
- APPLEGATE P. (2003) - *Detection of sinkholes developed on shaly Ordovician limestones, Hamilton County, Ohio, using digital topographic data: dependence of topographic expression of sinkholes on scale, contour interval, and slope*. Journal of Cave and Karst Studies, **65** (2), 126-129.
- ARAUZO T. & GUTIERREZ F. (1995) - *Fenomenos recientes de subsidencia karstica sinsedimentaria en el Barranco de Torrecilla (Depresión del Ebro, Zaragoza)*. Revista Cuaternario y Geomorfología, **9** (1-2), 73-90.
- ARKIN Y. & GILAT A. (2000) - *Dead Sea sinkholes – an ever-developing hazard*. Environmental Geology, **39** (7), 711-722.
- BATES R.L. & JACKSON J.A. (1987) - *Glossary of geology*. American Geological Institute, 3rd edition, pp. 788.
- BECK B.F. (Ed.) (1999) *Sinkholes and the engineering and environmental impacts of karst*. Engineering Geology, **52** (1-2).
- BECK B.F. (2002) - *The Karst Conferences, consulting report as science, and geophysical pitfalls*. Engineering Geology, **65** (2-3), 81-83.
- BECK B.F. (2005) - *Soil piping and sinkhole failures*. In: CULVER D.C. & WHITE W.B. (Eds.). Encyclopedia of caves. Elsevier, 521-526.
- BELL F.G., DE BRUYN I.A. & STACEY T.R. (2002) - *Some examples of the impact of metalliferous mining on the environment: a South African perspective*. Bull. Eng. Geol. Environ., **61**, 1-20.
- BENITO FERRANDEZ G. (1987) - *Karstificación y colapsos karsticos en los yesos del sector central de la Depresión del Ebro (Aragón, España)*. Revista Cuaternario y Geomorfología, **1**, 61-76.
- BENITO G., PÉREZ DEL CAMPO P., GUTIERREZ ELORZA M. & SANCHO C. (1995) - *Natural and human-induced sinkholes in gypsum terrain and associated environmental problems in NE Spain*. Environmental Geology, **25**, 156-164.
- BOATWRIGHT B.A., & ALLMAN D.W. (1979) - *The occurrence and development of Guest Sink, Hernando County, Florida*. Unknown Publisher, pp. 13.
- BOSAK P., BRUTHANS J., FILIPPI M., SVOBODA T. & SMID J. (1999) - *Karst and caves in salt diapirs, SE Zagros Mts. (Iran)*. Acta Carsologica, **28** (2), 41-75.
- BREG M. (2007) - *Degradation of dolines on Logasko Polje* (Slovenia). Acta Carsologica, **36** (2), 223-231.
- BRINKMANN R., PARISE M. & DYE D. (2008) - *Sinkhole distribution in a rapidly developing urban environment: Hillsborough County, Tampa Bay area, Florida*. Engineering Geology, **99**, 169-184.
- BRINKMANN R., WILSON K., ELKO N., SEALE L., FLOREA L. J. & VACHER, H. L. (2007) - *Sinkhole distribution based on pre-development mapping in urbanized Pinellas County, Florida, USA*. In: PARISE M. & GUNN J. (Eds.) *Natural and Anthropogenic Hazards in Karst Areas: Recognition, Analysis, and Mitigation*. Geological Society of London sp. publ. **279**, 5-11.
- BROOKS R., FLOREA L., TURNER T. & PARISE M. (2006) - *Le voragini catastrofiche della Florida*. Speleologia, **53**, 56-62.
- BUZJAK N. (2000) *Collapse structures as a connection between the karst surface and underground (examples from Croatia)*. Acta Carsologica, **29** (2), 65-81.
- CALIC-LJUBOJEVIC J. & LJUBOJEVIC V. (2000) - *Caves below collapse dolines – case study of Tisova Jama (Eastern Serbia)*. Acta Carsologica, **29** (2), 95-101.
- CAR J. (2001) - *Structural basis for shaping of dolines*. Acta Carsologica, **30** (2), 239-256.
- CARAMANNA G. (2002) - *Le porte dell'acqua*. Speleologia, **46**, 32-39.
- CLOSSON D. & KARAKI N.A. (in stampa) - *Human-induced geological hazards along the Dead Sea coast*. Environmental Geology.
- CLOSSON D., KARAKI N.A., KLINGER Y. & HUSSEIN M.J. (2005) - *Subsidence and sinkhole hazard assessment in the Southern Dead Sea area, Jordan*. Pure and Applied Geophysics, **162**, 221-248.
- COOLEY T. (2002) - *Geological and geotechnical context of cover collapse and subsidence in mid-continent US clay-mantled karst*. Environmental Geology, **42**, 469-475.
- COOPER A.H. (1986) - *Subsidence and foundering of strata caused by the dissolution of Permian gypsum in the Ripon and Bedale areas, North Yorkshire*. In: HARWOOD G.M. & SMITH D.B. (Eds.) *The English Zechstein and related topics*. Geological Society of London sp. publ. **22**, 127-138.
- COOPER A.H. (1988) - *Subsidence resulting from the dissolution of Permian gypsum in the Ripon area: its relevance to mining and water abstraction*. In: BELL F.G., CULSHAW M.G., CRIPPS C.J. & LOVELL M.A. (Eds.). *Engineering geology of underground movements*. Geological Society of London, Engineering Geology sp. publ. **5**, 387-390.
- COOPER A.H. (2005) - *Case study # 1. Remediation of a sinkhole over gypsum at Ripon, U.K.* In: WALTHAM T., BELL F. & CULSHAW M. *Sinkholes and subsidence: karst and cavernous rocks in engineering and construction*. Springer, Berlin, 272-276.
- COOPER A.H. & SAUNDERS J.M. (2002) *Road and bridge construction across gypsum karst in England*. Engineering Geology, **65**, 217-223.
- CUCCHI F. & ZINI L. (2003) - *Gypsum karst of Zagros Mountains (I.R. Iran)*. Acta Carsologica, **32** (1), 69-82.
- CVIČIĆ J. (1893) - *Dar karstphänomen*. Geogr. Abh. Von A. Penck, **5**, 215-319.
- DE BRUYN I.A. & BELL F.G. (2001) - *The occurrence of sinkholes and subsidence depressions in Far West Rand and Gauteng province, South Africa, and their engineering implications*. Environmental & Engineering Geoscience, **7** (3), 281-295.
- DOBECKI T.L. & UPCHURCH S.B. (2006) - *Geophysical applications to detect sinkholes and ground subsidence*. The Leading Edge, **25**, 336-341.
- DOGAN U. & CICEK I. - (2002) *Occurrence of cover-collapse sinkholes (cover-collapse dolines) in the May Dam reservoir area (Konya, Turkey)*. Cave and Karst Science, **29** (3), 111-116.
- DOROFFEV E.P. & ANDREJCHUK V.N. (1990) - *The*

- Kungurskaya Ice Cave. Perm*, 303 pp. (in russo).
- DOUGHERTY P. (2005) - Case study # 7. *Sinkhole destruction of Corporate Plaza, Pennsylvania*. In: WALTHAM T., BELL F. & CULSHAW M., *Sinkholes and subsidence: karst and cavernous rocks in engineering and construction*. Springer, Berlin, 304-308.
- EDMONDS C. (2005) - Case study # 8. *Subsidence over a chalk pipe at Chalfont St. Peter, U.K.* In: WALTHAM T., BELL F. & CULSHAW M., *Sinkholes and subsidence: karst and cavernous rocks in engineering and construction*. Springer, Berlin, 309-312.
- EFTIMI R. & TAFILAJ I. (1999) - *Preliminary assessment of the possible land subsidence in Turani well field – Korca city*. Proc. UNESCO-BAS Int. Project "Expert assessment of Land Subsidence Related to Hydrogeological and Engineering Geological Conditions in the Regions of Sofja, Skopje and Tirana", 4<sup>th</sup> Working Group Meeting, 75-81.
- EL KHALKI Y. & AKDIM B. (2001) - *Les dolines d'effondrement et les dolines-lacs des Causses du SW du Moyen Atlas (Maroc)*. *Karstologia*, **38** (2), 19-24.
- EPSTEIN J.B. (2000) - *Gypsum-karst collapse in the Black Hills, South Dakota-Wyoming, USA*. *Acta Carsologica*, **29** (2), 103-122.
- FAIRBRIDGE R.W. (1968) - *The encyclopedia of geomorphology*. Reinhold, New York.
- FLOREA L.J. (2005) - *Using state-wide GIS data to identify the coincidence between sinkholes and geologic structure*. *Journal of Cave and Karst Studies*, **67** (2), 120-124.
- FLOREA L.J. (2006) - *The morphology of air-filled caves within the karst of the Brooksville Ridge, west-central Florida*. *Journal of Cave and Karst Studies*, **68** (2), 64-75.
- FLOREA L.J., PAYLOR R.L., SIMPSON L. & GULLEY J. (2002) - *Karst GIS advances in Kentucky*. *Journal of Cave and Karst Studies*, **63**, 58-62.
- FLORIDA OFFICE OF INSURANCE REGULATION (2006) - *Review of Florida Sinkhole Insurance Proposal*. [http://www.floir.com/pdf/DeloitteSinkhole\\_092006Final.pdf](http://www.floir.com/pdf/DeloitteSinkhole_092006Final.pdf).
- FORTH R.A., BUTCHER D. & SENIOR R. (1999) - *Hazard mapping of karst along the coast of the Algarve, Portugal*. *Engineering Geology*, **52**, 67-74.
- GALLOWAY D., JONES D.R. & INGEBRITSEN S.E. (1999) - *Land Subsidence in the United States*. U.S. Geological Survey Circular 1182, pp. 177.
- GAMS I. (1973) - *Slovene karst terminology*. Zveza Geografskih Inštitucij Jugoslavije, Knjiga 1, Ljubljana, pp. 78.
- GAMS I. (2000) - *Doline morphogenetic processes from global and local viewpoints*. *Acta Carsologica*, **29** (2), 123-138.
- GAO Y. & ALEXANDER JR E.C. (2003) - *A mathematical model for a sinkhole probability map in Fillmore County, Minnesota*. In: BECK B.F. (Ed.) *Sinkholes and the engineering and environmental impacts of karst*. Proc. 9<sup>th</sup> Multidisc. Conf., Huntsville (Alabama), ASCE Geotechn. Publ. **122**, 439-449.
- GAO Y., ALEXANDER JR E.C. & BARNES R.J. (2005) - *Karst database implementation in Minnesota: analysis of sinkhole distribution*. *Environmental Geology*, **47**, 1083-1098.
- GARY M.O. & SHARP J.M. (2006) - *Volcanogenic karstification of Sistema Zacatón, Mexico*. In: HARMON R.S. & WICKS C.W. (Eds.) *Perspectives on karst geomorphology, hydrology and geochemistry*. Geol. Soc. America sp. paper **404**, 79-89.
- GARY M.O., SHARP J.M., HAVENS R.S. & STONE W.C. (2003) - *Sistema Zacatón: identifying the connection between volcanic activity and hypogenic karst in a hydrothermal phreatic cave system*. *Geo2*, **29** (3-4), 1-14.
- GOODINGS D.J. & ABDULLA W.A. (2002) - *Stability charts for predicting sinkholes in weakly cemented sand over karst limestone*. *Engineering Geology*, **65**, 179-184.
- GRACIA F.J. (1991) - *Criterios de clasificación morfométrica de campos de dolinas*. *Revista Cuaternario y Geomorfología*, **5**, 65-76.
- GREEN J.A., MARKEN W.J., ALEXANDER E.C. & ALEXANDER S.C. (2002) - *Karst unit mapping using geographic information system technology, Mower County, Minnesota, USA*. *Environmental Geology*, **42** (5), 457-461.
- GROSCHE J.J., TOUMA F.T. & RICHARDS D.P. (1987) - *Solution cavities in the limestone of eastern Saudi Arabia*. In: BECK B.F. & WILSON (Eds.), Proc. 2<sup>nd</sup> Multidisciplinary Conference on Sinkholes and the Environmental Impacts of Karst in Karst Hydrology: Engineering and Environmental Applications, 73-78.
- GUERRERO J., GUTIERREZ F. & LUCHA P. (2004a) - *Peligrosidad, daños y mitigación de inundaciones, subsidencia por disolución y movimientos de ladera en la localidad de Cadrete (Depresión del Ebro, Zaragoza)*. *Revista Cuaternario y Geomorfología*, **19** (1-2), 63-82.
- GUERRERO J., GUTIERREZ F. & LUCHA P. (2004b) - *Paleosubsidence and active subsidence due to evaporite dissolution in the Zaragoza area (Huerva River valley, NE Spain): processes, spatial distribution and protection measures for transport routes*. *Engineering Geology*, **72**, 309-329.
- GUNAY G. (2002) - *Gypsum karst, Sivas, Turkey*. *Environmental Geology*, **42**, 387-398.
- GUTIERREZ F. (1996) - *Gypsum karstification induced subsidence: effects on alluvial systems and derived geohazards (Calatayud Graben, Iberian Range, Spain)*. *Geomorphology*, **16**, 277-293.
- GUTIERREZ F. (2003) - *El riesgo de dolinas de subsidencia en terrenos evaporíticos*. *Historia Natural*, **3**, 52-60.
- GUTIERREZ F. & COOPER A.H. (2002) - *Evaporite dissolution subsidence in the historical city of Calatayud, Spain: damage appraisal and prevention*. *Natural Hazards*, **25**, 259-288.
- GUTIERREZ F., CALAFORRA J.M., CARDONA F., ORTÍ F., DURAN J.J. & GARAY P. (2008) - *Geological and environmental implications of the evaporite karst in Spain*. *Environmental Geology*, **53**, 951-965.
- GUTIERREZ-SANTOLALLA F., GUTIERREZ-ELORZA M., MARIN C., DESIR G. & MALDONADO C. (2005) - *Spatial distribution, morphometry and activity of La Puebla de Alfindén sinkhole field in the Ebro river valley (NE Spain): applied aspects for hazard zonation*. *Environmental Geology*, **48**, 360-369.
- HIGGINS C.G. & SCHONER C. (1997) - *Sinkholes formed by pipping into buried channels*. *Geomorphology*, **20**, 307-312.
- HOSE L.D. & PISAROWICZ J.A. (1999) - *Cueva de Villa Luz, Tabasco, Mexico: reconnaissance study of an active sulfur spring cave and ecosystem*. *Journal of Cave and Karst Studies*, **61** (1), 13-21.
- HYATT J.A. & JACOBS P.M. (1996) - *Distribution and morphology of sinkholes triggered by flooding following Tropical Storm Alberto at Albany, Georgia, USA*. *Geomorphology*, **17**, 305-316.
- JOHNSON K.S. (1997) - *Evaporite karst in the United States. Carbonates and Evaporites*, **12** (1), 2-14.
- JOHNSON K.S. (2005a) - Case study # 11. *Sinkholes and subsidence over salt at Wink, Texas*. In: WALTHAM T., BELL F. & CULSHAW M., *Sinkholes and subsidence: karst and cavernous rocks in engineering and construction*. Springer, Berlin, 321-325.
- JOHNSON K.S. (2005b) - *Subsidence hazards due to evaporite dissolution in the United States*. *Environmental Geology*, **48**, 395-409.
- JOHNSON K.S. (2008) - *Evaporite karst problems and studies in the USA*. *Environmental Geology*, **53**, 937-943.

- KACAROGLU F., DEGIRMENCI M. & CERIT O. (1997) - *Karstification in Miocene gypsum: an example from Sivas, Turkey*. Environmental Geology, **30**, 88-97.
- KAPPEL W.M., YAGER R.M. & MILLER T.S. (1999) - *The Restof Salt Mine Collapse*. In: Galloway D., Jones D.R. & Ingebritsen S.E. (Eds.) Land Subsidence in the United States. U.S. Geological Survey Circular 1182, pp. 177.
- KARACAN E. & YILMAZ I. (1997) - *Collapse dolines in Miocene gypsum: an example from Sivas (Turkey)*. Environmental Geology, **29**, 263-266.
- KAUFMANN O. & QUINIF Y. (2002) - *Geobazard map of cover-collapse sinkholes in the Tournais area, southern Belgium*. Engineering Geology, **65**, 117-124.
- KAUFMANN O. & DEUCESTER J. (2005) - *Case study # 16. Ground investigation in covered karst at Tournai, Belgium*. In: WALTHAM T., BELL F. & CULSHAW M., *Sinkholes and subsidence: karst and cavernous rocks in engineering and construction*. Springer, Berlin, 347-350.
- KHORSANDI A. & MIYATA T. (2007) - *Fault determination due to sinkhole array on Lar Valley, northeast of Tebran (Iran)*. Acta Carsologica, **36** (2), 203-208.
- KLIMCHOUK A.B. (1992) - *Large gypsum caves in the Western Ukraine and their genesis*. Cave Science, **19** (1), 3-11.
- KLIMCHOUK A. (2000) - *Speleogenesis of the great gypsum mazes in the Western Ukraine*. In: KLIMCHOUK A.B., FORD D.C., PALMER A.N. & DREYBRODT W. (Eds.) *Speleogenesis. Evolution of Karst Aquifers*. National Speleological Society, 261-273.
- KLIMCHOUK A. (2007) - *Hypogene speleogenesis: hydrogeological and morphogenetic perspective*. National Cave and Karst Research Institute, Carlsbad, NM, sp. paper **1**, pp. 106.
- KLIMCHOUK A.B. & ANDREJCHUK V.N. (1996) - *Breakdown development in cover beds, and landscape features induced by intrastratal gypsum karst*. International Journal of Speleology, **25** (3/4), 127-144.
- KLIMCHOUK A. & ANDREJCHUK V. (2002) - *Karst breakdown mechanisms from observations in the gypsum caves of the Western Ukraine: implications for subsidence hazard assessment*. International Journal of Speleology, **31** (1/4), 55-88.
- KOUTEPOV V.M., MIRONOV O.K. & TOLMACHEV V.V. (2008) - *Assessment of suffosion-related hazards in karst areas using GIS technology*. Environmental Geology, **54**, 957-962.
- KRUSE S., GRASMUECK M., WEISS M. & VIGGIANO D. (2006) - *Sinkhole structure mapping in covered karst terrain*. Geophysical Research Letters, **33**, L16495 DOI 10.1029/2006GLO16975.
- LAMONT-BLACK J., YOUNGER P.L., FORTH R.A., COOPER A.H. & BONNIFACE J.P. (2002) - *A decision-logic framework for investigating subsidence problems potentially attributable to gypsum karstification*. Engineering Geology, **65**, 205-215.
- LAUMANN M. & GEBAUER H.D. (1993) - *Namoroka 1992: expedition to the karst of Namoroka and Narinda, Madagascar*. The International Caver, **6**, 30-36.
- MALDONADO C., GUTIERREZ SANTOLALLA F., GUTIERREZ ELORZA M. & DESIR G. (2000) - *Distribución espacial, morfometría y actividad de la subsidencia por disolución de evaporitas en un campo de dolinas de colapso (Valle del Ebro, Zaragoza)*. Revista Cuaternario y Geomorfología, **14** (3-4), 9-24.
- MARFAI M.A. & KING L. (2008) - *Monitoring land subsidence in Semarang, Indonesia*. Environmental Geology, **53**, 651-659.
- MARTIN CRESPO T. & GOMEZ ORTIZ D. (2007) - *Collapse hazard assessment in evaporite materials from ground penetrating radar: a case study*. Environmental Geology, **53**, 57-66.
- MARTINEZ J.D., JOHNSON K.S. & NEAL J.T. (1998) - *Sinkholes in evaporite rocks*. American Scientist, **86**, 38-51.
- MC DOWELL P.W. (1989) - *Ground subsidence associated with doline formation in chalk areas of southern England*. In: BECK B.F. (Ed.) *Engineering and Environmental Impacts of Sinkholes and Karst*. Balkema, 129-134.
- MC DOWELL P.W. (2005) - *Case study # 9. Geophysical investigations of sinkholes in chalk, U.K.*. In: WALTHAM T., BELL F. & CULSHAW M., *Sinkholes and subsidence: karst and cavernous rocks in engineering and construction*. Springer, Berlin, 313-316.
- MC DOWELL P.W. & POULSON A.J. (1996) - *Ground subsidence related to dissolution of chalk in southern England*. Ground Engineering, **29** (2), 29-33.
- MILANOVIC P. (2002) - *Subsidence hazards as a consequence of dam, reservoir and tunnel construction*. International Journal of Speleology, **31** (1/4), 169-180.
- MONROE W.H. (1970) - *A glossary of karst terminology*. U.S. Geol. Surv. Water Sup (1970).
- NEAL J. (2005) - *Case study # 14. Sinkhole remediation over Weeks Island salt, Louisiana*. In: WALTHAM T., BELL F. & CULSHAW M., *Sinkholes and subsidence: karst and cavernous rocks in engineering and construction*. Springer, Berlin, 336-340.
- NEAL J.T. & MYERS R.E. (1995) - *Origin, diagnostics, and mitigation of a salt dissolution sinkhole at the US Strategic Petroleum Reserve storage site, Weeks Island, Louisiana*. International Association Hydrological Science Publication **234**, 187-195.
- NEAL J.T., COLPITTS R.M. & JOHNSON K.S. (1998) - *Evaporite karst in the Holbrook Basin, Arizona*. In: BORCHERS J.W. (Ed.) *Land subsidence: case studies and current research*. Ass. Eng. Geologists, sp. publ. **8**, 373-384.
- NGECU W.M. & NYAMBOK I.O. (2000) - *Ground subsidence and its socio-economic implications on the population: a case study of the Nakuru area in central Rift Valley, Kenya*. Environmental Geology, **39** (6), 567-574.
- ORNDORFF R.C. & LAGUEUX K.M. (2000) - *Using geographic information systems (GIS) to determine geologic controls on the distribution of sinkholes in the Ozarks of south-central Missouri*. Geological Society of America Abstracts with Programs, **32** (3), 38.
- ORNDORFF R.C., WEARY D.J. & LAGUEUX K.M. (2000) - *Geographic information systems analysis of geologic controls on the distribution of dolines in the Ozarks of south-central Missouri, USA*. Acta Carsologica, **29** (2), 161-175.
- PANTZARTZIS P., EMMANUILIDIS G., KRAPP A. & MILANOVIC P. (1993) - *Karst phenomena and dam construction in Greece*. In: GUNAY G., JOHNSON I. & BACK B. (Eds.) *Hydrogeological processes in karst terrains*. IAHS publ. **207**, 65-74.
- PARISE M. & PASCALI V. (2003) - *Surface and subsurface environmental degradation in the karst of Apulia (southern Italy)*. Environmental Geology, **44**, 247-256.
- PARISE M. & GUNN J. (Eds.) (2007) - *Natural and anthropogenic hazards in karst areas: Recognition, Analysis and Mitigation*. Geological Society of London, sp. publ. **279**, pp. 202.
- PARISE M., QIRIAZI P. & SALA S. (2004) - *Natural and anthropogenic hazards in karst areas of Albania*. Natural Hazards and Earth System Sciences, **4**, 569-581.
- PARISE M., QIRIAZI P. & SALA S. (2008) - *Evaporite karst of Albania: main features and cases of environmental degradation*. Environmental Geology, **53**, 967-974.
- PARISE M., CALCATERRA D., CAPUTO P., DE PIPPO T., LANGELLA A., MELLUSO L. & MORRA V. (2005) - *Erosion and mass movements in saprolitic soils of Madagascar*. Geophysical Research Abstract, **7**, 03028.
- PARKER J.W. (1992) - *Surficial aquifer hydrogeology in a covered-karst terrane*. MS Thesis, University of South Florida, Tampa, Florida, 228 pp.
- PAUKSTYS B. (2005) - *Case study # 13. Agriculture on sinkhole*

- karst on gypsum, Lithuania. In: WALTHAM T., BELL F. & CULSHAW M., *Sinkholes and subsidence: karst and cavernous rocks in engineering and construction*. Springer, Berlin, 331-335.
- PÉREZ AGUILAR J. & GONZÁLEZ HERRERA R. (2002) - *Contribución del espeleobuceo al conocimiento de la morfología karstica de la planicie del norte del estado de Yucatán, México*. In: CARRASCO F., DURÁN J.J. & ANDREO B. (Eds.), *Karst and environment*. Fundación Cueva de Nerja, 289-294.
- QIRIAZI P. (2001) - *Gjeografia fizike ë Shqipërise*. Aferdita, Tirane, pp. 367.
- QIRIAZI P., SALA S., CARA G., PARISE M. & TROCINO A. (2005) - *Environmental degradation of evaporite karst in Albania and Italy*. Geophysical Research Abstract, **7**, 01568.
- QUINLAN J.F., SMITH R.A. & JOHNSON K.S. (1986) - *Gypsum karst and salt karst of the United States of America*. Le Grotte d'Italia, **13**, 73-92.
- RODRIGUEZ VIDAL J. (1986) - *Deformaciones recientes en los depósitos cuaternarios de la Puebla de Alfindén (Zaragoza)*. Boletín Geológico y Minero, **97** (1), 3-8.
- SALA S. & PARISE M. (2006) - *Facing environmental problems in karst areas of developing countries: the case study of Dajti – Mali me Gropa (Albania)*. Geophysical Research Abstract, **8**, 01365.
- SAURO U. (2003) - *Dolines and sinkholes: aspects of evolution and problems of classification*. Acta Carsologica, **32** (2), 41-52.
- SAURO U. (2005) - *Closed depressions*. In: CULVER D.C. & WHITE W.B. (Eds.) *Encyclopedia of caves*. Elsevier, 108-122.
- SCHEIDT J., LERCHE I. & PALEOLOGOS E. (2005) - *Environmental and economic risks from sinkholes in west-central Florida*. Environmental Geosciences, **12**, 207-217.
- SEBELA S. & CAR J. (2000) *Velika Jersanova dolina – a former collapse doline*. Acta Carsologica, **29** (2), 201-212.
- SIMÓN J.L., SORIANO M.A., GRACIA J. & SALVADOR T. (1991) - *Dolinas aluviales en las terrazas del Ebro al oeste de Zaragoza: un análisis empírico de los factores de riesgo*. Revista Cuaternario y Geomorfología, **5**, 139-148.
- SIMÓN J.L., SORIANO M.A., ARLEGUI L.E., GRACIA J., LIESA C.L. & POCOVÍ A. (2007) - *Spacetime distribution of ancient and active alluvial karst subsidence: examples from the central Ebro Basin, Spain*. Environmental Geology, **53**, 1057-1065.
- SINCLAIR W.C., STEWART J.W., KNUTILLA R.L., GILBOY A.E. & MILLER R.L. (1985) - *Types, features, and occurrence of sinkholes in the karst of West-Central Florida*. U.S. Geological Survey Water Resources Investigations Report 85-4126, pp. 81.
- SORIANO A. (1986) - *Dolinas de disolución normal y dolinas aluviales en el sector centro-meridional de la Depresión del Ebro*. Boletín Geológico y Minero, **97** (3), 328-337.
- SORIANO M.A. & SIMÓN J.L. (2002) - *Subsidence rates and urban damages in alluvial dolines of the central Ebro Basin (NE Spain)*. Environmental Geology, **42**, 476-484.
- STEPISNIK U. (2004) - *The origin of sediments inside the collapse dolines of Postojna karst (Slovenia)*. Acta Carsologica, **33** (1), 237-244.
- SUSTERSIC F. (2002) - *Collapse dolines and deflector faults as indicators of karst flow corridors*. International Journal of Speleology, **31** (1/4), 115-127.
- SWART C.J.U. & VAN SCHALWYK A. (2001) - *Subsurface grout barriers for ground stabilization in dolomite areas near Carletonville, South Africa*. Environmental Geology, **40** (4-5), 592-601.
- TAMINSKAS J. & MARCINKEVICIUS V. (2002) - *Karst geoindicators of environmental change: the case of Lithuania*. Environmental Geology, **42**, 757-766.
- TANG Y.Q., CUI Z.D., WANG J.X., YAN L.P. & YAN X.X. (2008) - *Application of grey-theory based model to prediction of land subsidence due to engineering environment in Shanghai*. Environmental Geology, **55**, 583-593.
- THARP T.M. (1999) - *Mechanics of upward propagation of cover-collapse sinkholes*. Engineering Geology, **52**, 23-33.
- THARP T.M. (2002) - *Poroelastic analysis of cover-collapse sinkhole formation by piezometric surface drawdown*. Environmental Geology, **42**, 447-456.
- TIHANSKY A.B. (1999) - *Sinkholes, West-Central Florida*. In: GALLOWAY D., JONES D.R. & INGEBRITSEN S.E. (Eds.) *Land Subsidence in the United States*. U.S. Geological Survey Circular 1182, pp. 177.
- TOLMACHEV V.V. & LEONENKO M.V. (2005) - *Classification of karstic terrains based on sinkhole risk*. Soil Mechanics and Foundation Engineering, **42** (2), 52-55.
- UPCHURCH S.B. & RANDAZZO A.F. (1997) - *Environmental geology of Florida*. In: RANDAZZO A.F. & JONES D.S. (Eds.) *The Geology of Florida*. University Press of Florida, Gainesville, 217-249.
- VAN DER SCHUIT S. & LAUMANN S. (2004) - *Madagascar 1991/92 and 2003 (Bemaraha, Namoroka and Narinda)*. Berliner Höhlenkundliche Berichte, **13**, pp. 72.
- VAN ZUIDAM R.A. (1976) - *Geomorphological development of the Zaragoza region, Spain. Processes and landforms related to climatic changes in a large Mediterranean river basin*. I.T.C., Enschede, pp. 211.
- WALTHAM T. (2002) - *Gypsum karst near Sivas, Turkey*. Cave and Karst Science, **29** (1), 39-44.
- WALTHAM A.C. & FOOKES P.G. (2003) - *Engineering classification of karst with respect to the role and influence of caves*. Quarterly Journal of Engineering Geology and Hydrogeology, **36**, 101-118.
- WALTHAM T., BELL F. & CULSHAW M. (2005) - *Sinkholes and subsidence: karst and cavernous rocks in engineering and construction*. Springer, pp. 382.
- WEARY D.J. & ORNDORFF R.C. (2001) - *Physical controls on karst features in the Ozark Plateaus of Missouri, U.S.A., as determined by multivariate analyses in a Geographic Information System (GIS)*. Acta Carsologica, **30** (2), 181-194.
- WELLS N.A. & ANDRIAMIHAJA B. (1993) - *The initiation and growth of gullies in Madagascar: are humans to blame?* Geomorphology, **8**, 1-46.
- WILLIAMS P.W. (2003) - *Dolines*. In: GUNN J. (Ed.) *Encyclopedia of caves and karst science*. Fitzroy Dearborn, New York, 304-310.
- WILSON W.L. (1988) - *The potential depth of underwater caves in the Orlando area*. Underwater Speleology, **15** (4), 6-8.
- YECHIELI Y., ABELSON M., BEIN A., CROUVI O. & SHTIVELMAN V. (2006) - *Sinkhole "swarms" along the Dead Sea coast: reflection of disturbance of lake and adjacent groundwater systems*. Geological Society of America Bulletin, **118** (9), 1075-1087.
- ZHANG Y., XUE Y.Q., WU J.C., YU J., WEI Z.X. & LI Q.F. (2008) - *Land subsidence and earth fissures due to groundwater withdrawal in the Southern Yangtze Delta, China*. Environmental Geology, **55**, 751-762.
- ZHOU W. (2007) - *Drainage and flooding in karst terranes*. Environmental Geology, **51**, 963-973.
- ZHOU W. & BECK B.F. (2005) - *Roadway construction in karst areas: management of stormwater runoff and sinkhole risk assessment*. Environmental Geology, **47**, 1138-1149.
- ZHOU W., BECK B.F. & STEPHENSON J.B. (2000) - *Reliability of dipole-dipole electrical resistivity tomography for defining depth to bedrock in covered karst terrane*. Environmental Geology, **39** (7), 760-766.