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***Main research topics***

Sinkholes, landslides, paleoseismology and neotectonics, fluvial geomorphology, geohazards, geomorphological mapping

***Books***

- Gutiérrez, F.**, Gutiérrez, M. (Eds.). (2014). Landscapes and Landforms in Spain. Springer, Dordrecht, 348 p.
- Gutiérrez, F.**, Gutiérrez, M. (2016). Landforms of the Earth. An illustrated guide. Springer, Dordrecht, 270 p.
- De Waele, J., **Gutiérrez, F.** (2021) Karst Hydrogeology, Geomorphology and Caves. Wiley, Chichester, in press.

***Editorial activity***

Member of the editorial board of **Geomorphology** (since January 2007), **Environmental Geology** (January 2007- December 2008), **Environmental Earth Sciences** (since November 2009).

- Gutiérrez, F.**; Gutiérrez, M.; Desir, G.; Guerrero, J.; Lucha, P.; Marín, C. and García-Ruiz, J.M. (2005) (Eds.). Sixth International Conference on Geomorphology. Abstract volume, 511 pp.
- Desir, G.; **Gutiérrez, F.** and Gutiérrez, M. (2005) (Eds.). Sixth International Conference on Geomorphology. Field trips guides, vol. 1, 400 pp.
- Desir, G.; **Gutiérrez, F.** and Gutiérrez, M. (2005) (Eds.). Sixth International Conference on Geomorphology. Field trips guides, vol. 2, 607 pp.
- Gutiérrez, F.**; Johnson, K.S. and Cooper, A.H. (Eds.) (2008). Evaporite karst processes, landforms and environmental problems. *Environmental Geology*, 53, 1, 935-1105.
- Parise, M.; de Waele, J. and **Gutiérrez, F.** (Eds.) (2008). Engineering and Environmental Problems in karst. *Engineering Geology*, 99, 3-4, 91-254.

- Parise, M.; de Waele, J. and **Gutiérrez, F.** (Eds.) (2009). Current perspectives on the environmental impacts and hazards in karst. *Environmental Geology*, 58, 2, 235-399.
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- De Waele, J.; **Gutiérrez, F.**; Parise, M.; Plan, L. (2011). Geomorphology and Natural Hazards in karst areas. *Geomorphology*, 134, 1-2, 1-170.
- Gutiérrez, F.**; Harvey, A.; Cendrero, A.; García-Ruiz, J.M.; Silva, P. (2013). Geomorphology research in Spain. *Geomorphology*, Special issue in honour of Prof. Mateo Gutiérrez, *Geomorphology*, 196, 1-279.
- De Waele, J.; Audra, P.; **Gutiérrez, F.** (2013). Karstic geomorphology: from hydrological functioning to paleoenvironmental reconstructions. *Geomorphology*, en prensa.

### ***Book chapters***

- Gutiérrez, F.** (2010). Hazards associated with karst. In: Alcántara, I. and Goudie, A. (Eds.). *Geomorphological Hazards and Disaster Prevention*. Cambridge University Press. Cambridge, 161-175.
- Gutiérrez, F.** and Cooper, A.H. (2013). Surface morphology of gypsum karst. In: Frumkin, A. (Ed.). *Treatise on Geomorphology. Karst Geomorphology*. Elsevier, vol. 6, 425-437.
- Cooper, A.H.** and Gutiérrez, F. (2013). Dealing with gypsum karst problems: hazards, environmental issues and planning. In: Frumkin, A. (Ed.). *Treatise on Geomorphology. Karst Geomorphology*. Elsevier, vol. 6, 451-461.
- Gutiérrez, M. and **Gutiérrez, F.** (2013). Climatic Geomorphology. In: Harden, C. (Ed.). *Treatise on Geomorphology*. Elsevier, vol. 13, 115-131.
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