

## Aportaciones científicas sobre geología del Cuaternario

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Respecto a los estudios de niveles marinos cuaternarios y su relación con cambios del nivel del mar y/o actividad neotectónica hay que destacar los estudios de terrazas marinas en el litoral Mediterráneo (Bardaji et al., 2009a; Bardaji et al., 2009b; Fernandez Salas et al., 2009; Dabrio et al., 2011; Bardají et al., 2022), en el entorno del estrecho de Gibraltar (Zazo et al., 1999a; Silva et al., 2006; Zazo et al., 2013) o en la costa del Golfo de Cádiz (Zazo et al., 2007; Zazo et al., 2008a; Zazo et al., 2008 b; Bardají et al., 2015).

Se han realizado también diversos estudios sobre el relleno sedimentario y la evolución paleoambiental durante el tránsito Pleistoceno-Holoceno de los principales sistemas de estuarios holocenos del Golfo de Cádiz (Zazo et al., 1994; Lario et al., 1995; Goy et al., 1996; Zazo et al., 1996; Borja et al., 1999; Dabrio et al., 1996; Lario et al., 1999; Zazo et al., 1999b; Dabrio et al., 2000; Lario et al., 2002; Lario et al., 2010a; Lario et al., 2016a; Silva et al., 2021; Goy et al., 2022; Bardaji y Lario, 2022a; Bardají y Lario, 2022b).

Estos estudios han permitido reconocer episodios de oleaje extremo, asociados a grandes tormentas y/o tsunamis, caracterizados en diversas publicaciones (Lario et al., 2001; Lario et al., 2002; Luque et al., 2002; Lario et al., 2010b; Lario et al., 2011; Clarke et al., 2014a; Clarke et al., 2014b; Lario et al., 2016b; Lario et al., 2016c; Vött et al., 2019; Costa et al., 2019; Lario et al., 2020; De Martini et al., 2021; Lario et al., 2023).

Asociado a esta línea de investigación se han publicado diversos artículos sobre episodios sísmicos asociados a yacimientos arqueológicos o paleontológicos (Silva et al., 1997a; Silva et al., 1997b; Silva et al., 2005; Silva et al., 2015; Rodríguez Pascua et al., 2016;

Del trabajo en medios kársticos y cavidades hay que destacar diversos estudios ambientales enfocados a la protección de patrimonio natural y cultural (Cuezva et al., 2003; Sánchez Moral et al., 2003; Lario et al., 2005; Lario et al., 2005a; Lario et al., 2005b; Camacho et al., 2006; Cañaveras et al., 2006; Lario et al., 2006; Rosas et al., 2006; Lario y Soler, 2010; Torres et al., 2010; Pérez López et al., 2017; Cañaveras et al., 2018; Cañaveras et al., 2021)

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