

The interpretability of Quaternary palaeo dune fields (Eastern Canary Islands)

Christopher-B. Roettig¹, Thomas Kolb², Christoph Schmidt^{3,4}, Michael Zech¹, Ludwig Zöller⁴ and Dominik Faust¹

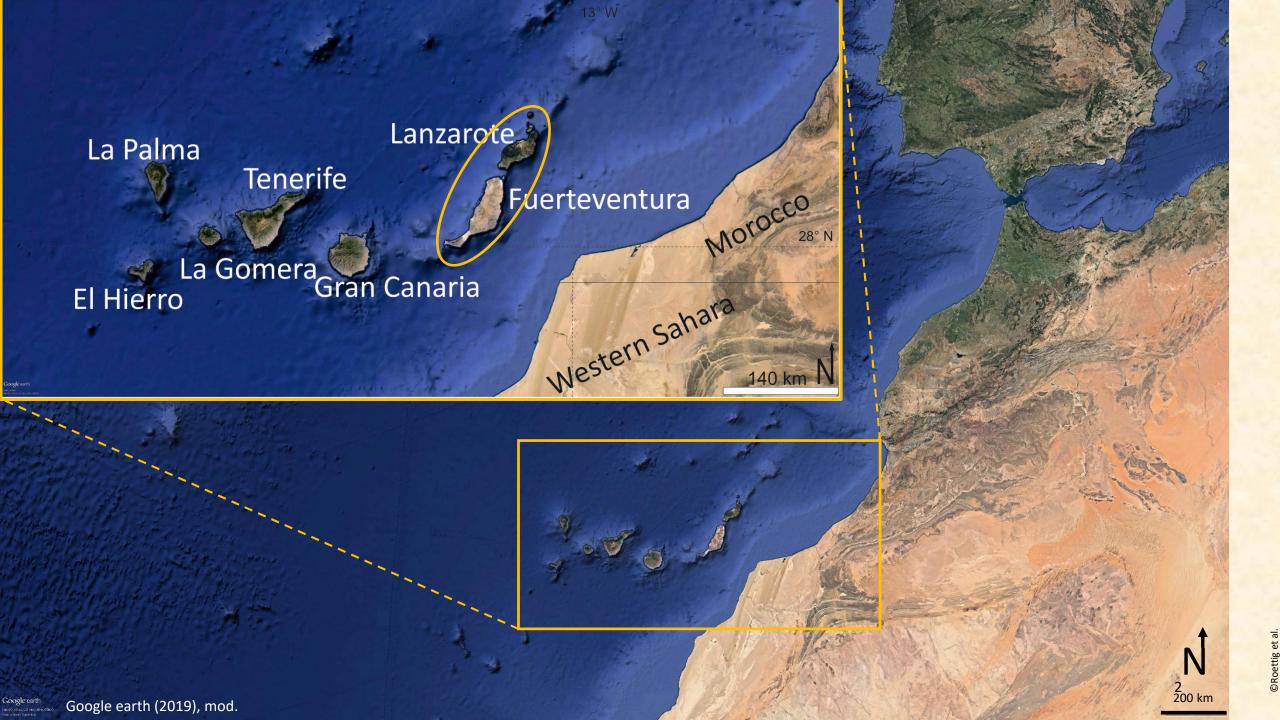
¹ TU Dresden, ² University of Giessen, ³ University of Lausanne, ⁴ University of Bayreuth

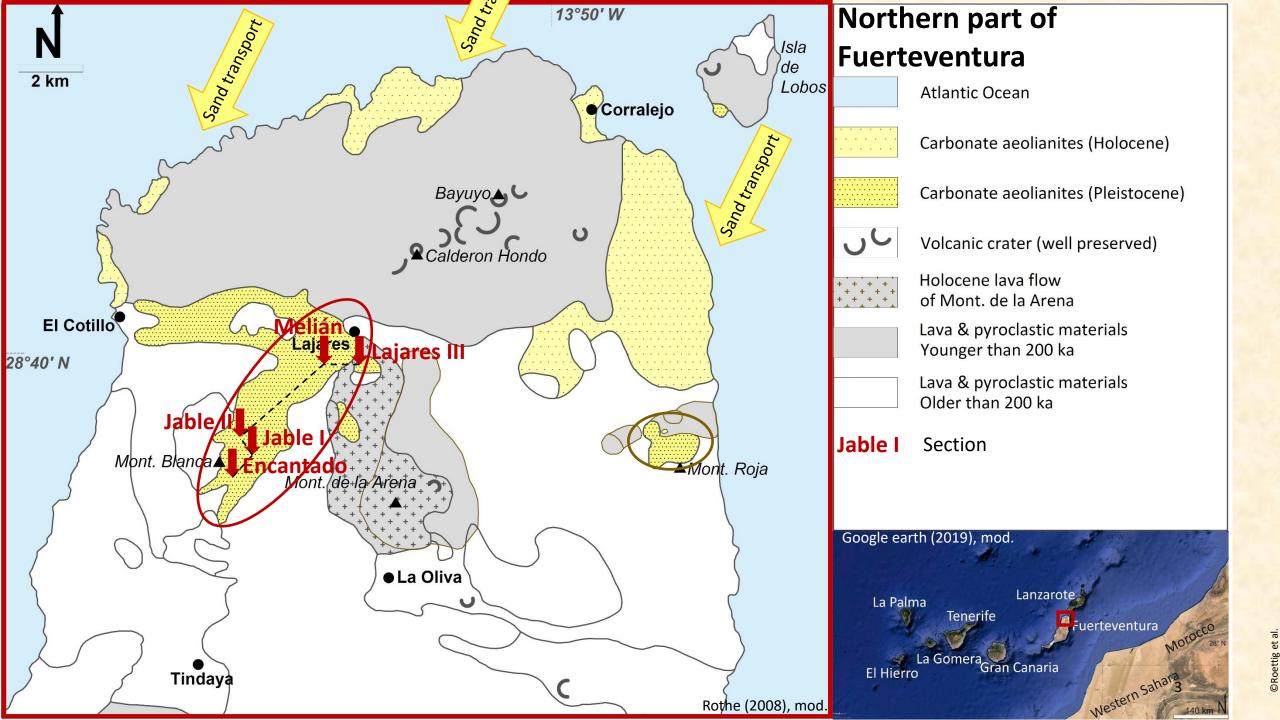






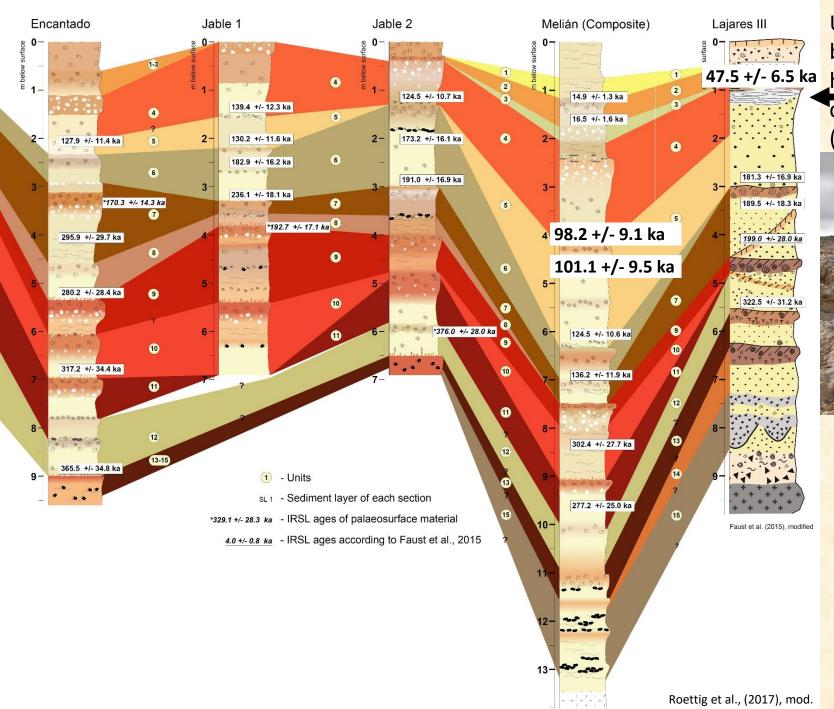






Correlation of palaeo dune sequences on Fuerteventura

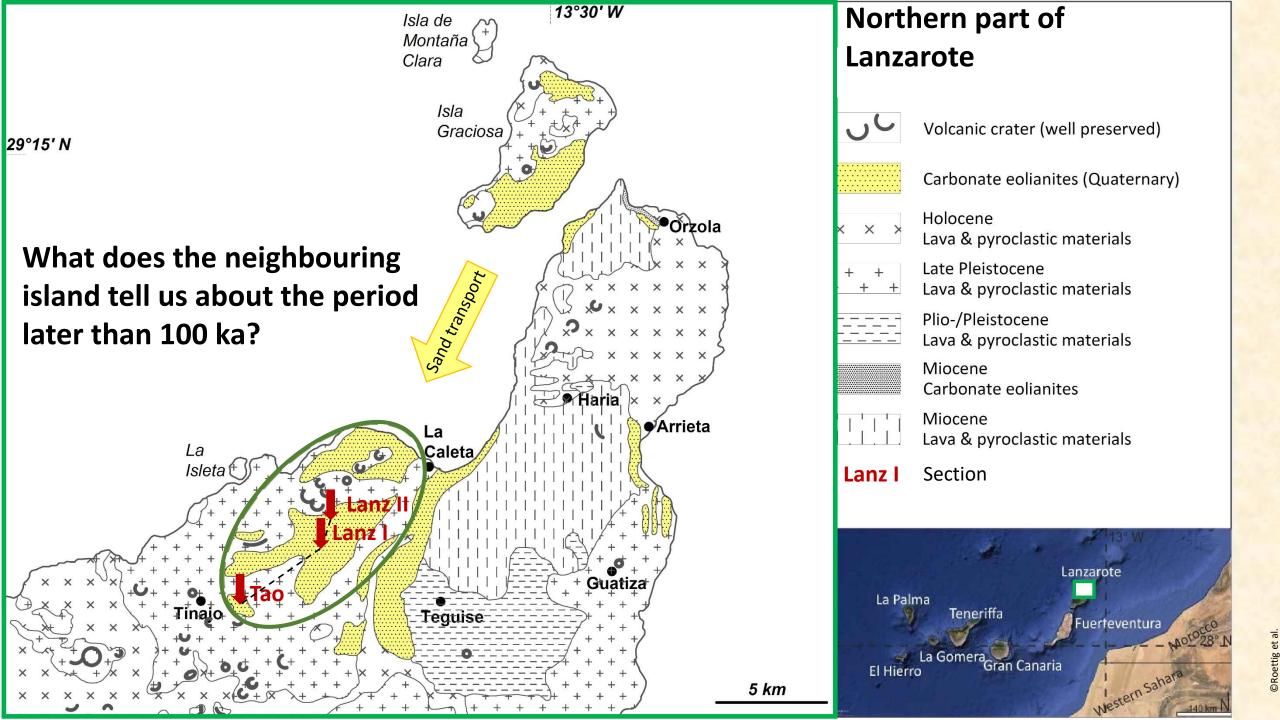
...sequences of different dune generations (dominated by carbonate sands originating from the shallow shelf) with intercalated palaeosurfaces (dominated by deposits of Saharan dust)



Unit 4 is characterised by the formation of a huge crust of calcium carbonate (100 – 50 ka)

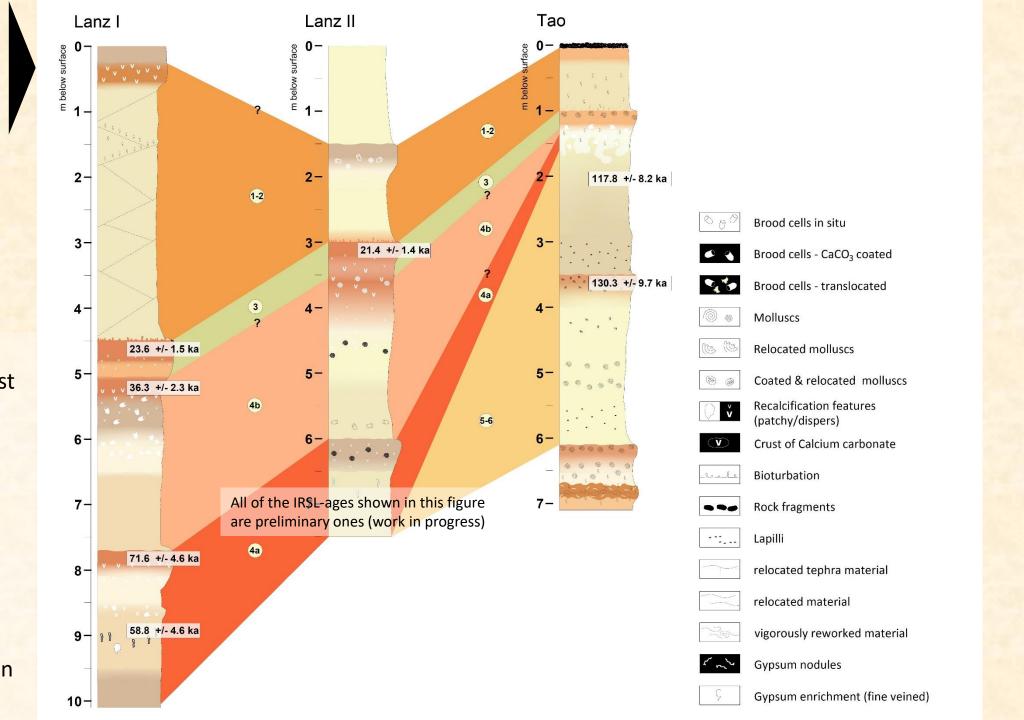
...often interpreted in terms of climatic changes and a corresponding "geomorphological crisis"

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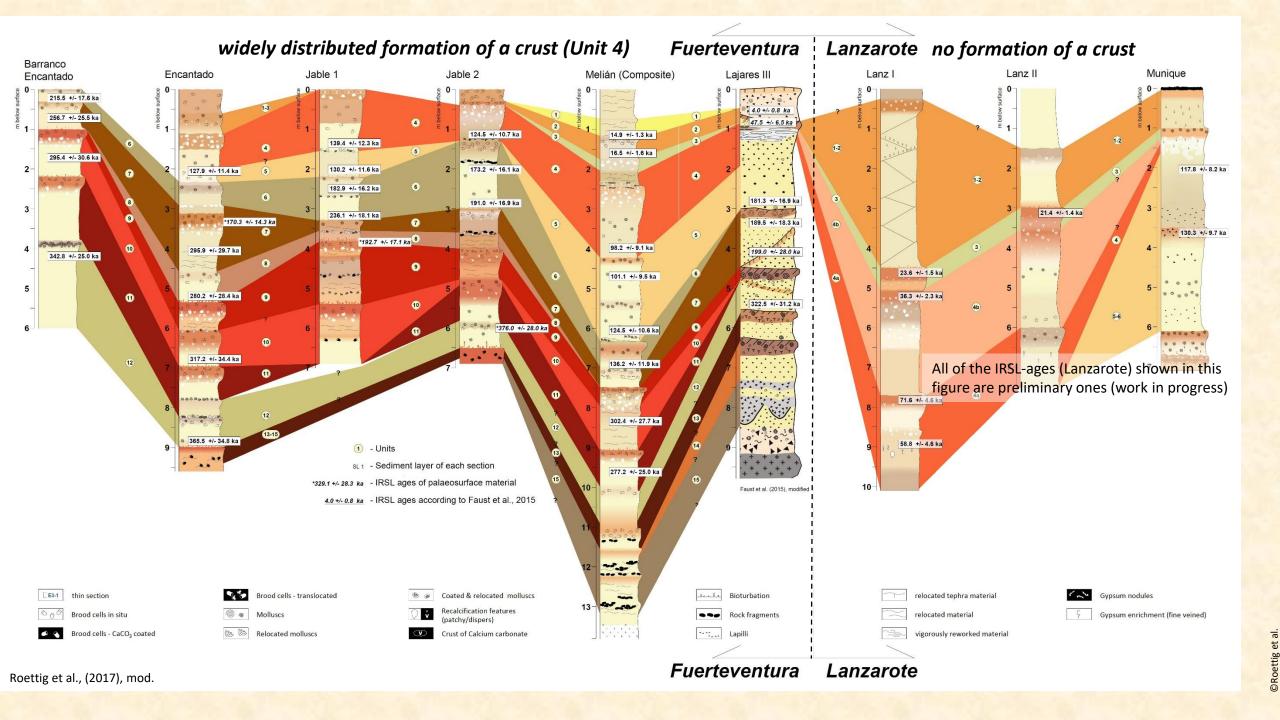


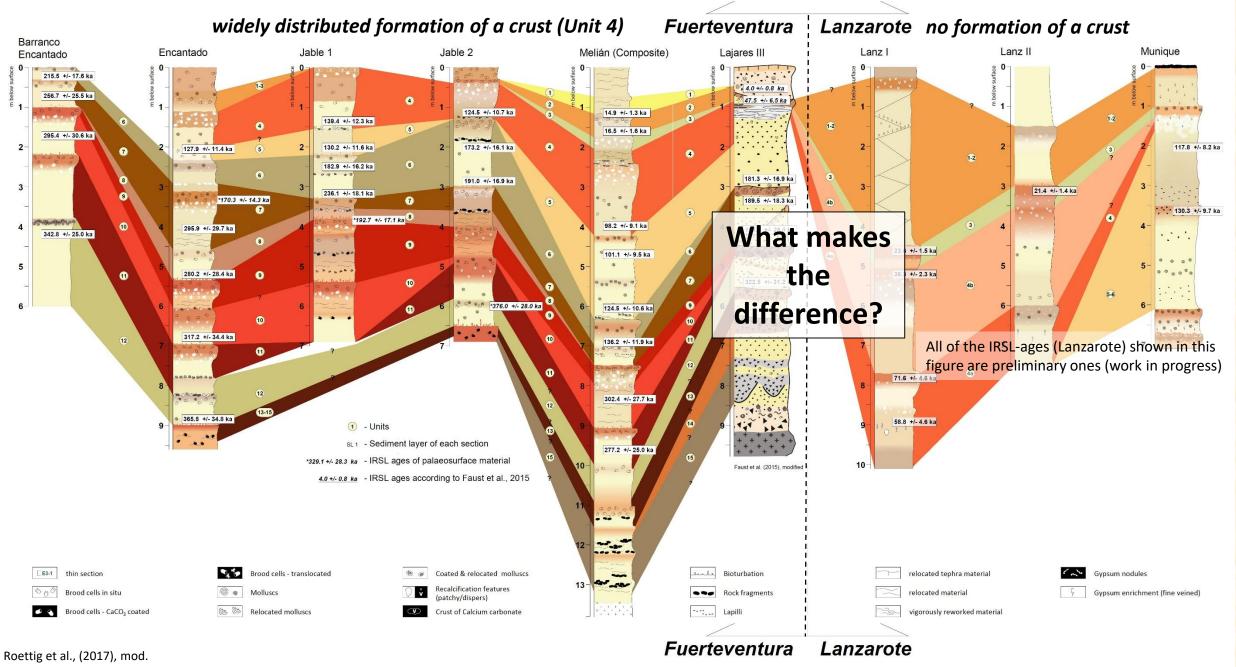
Correlation of palaeo dune sequences on Lanzarote

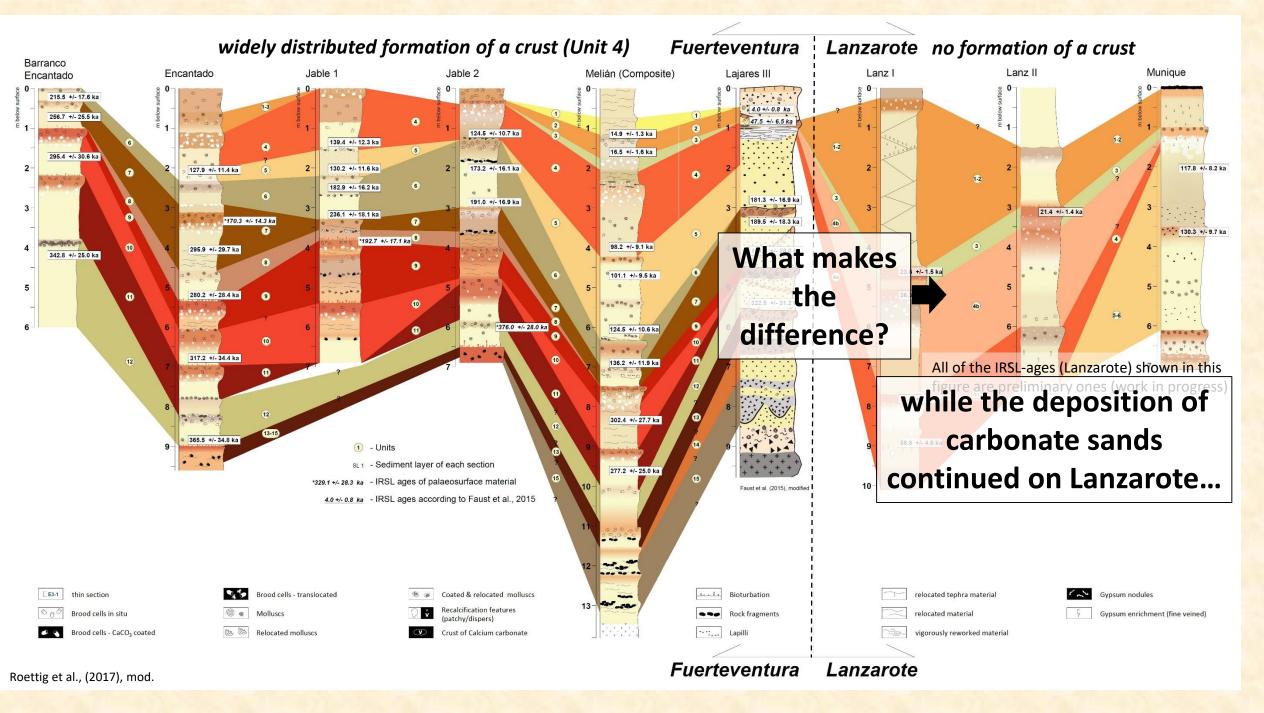
In contrast to the formation of a crust on Fuerteventura (100 - 50 ka), on Lanzarote we observe ongoing deposition of carbonate sands with intercalated palaeosurfaces (dominated by deposits of Saharan dust)



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