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For a fully-funded groundbreaking study

on groundwater-harvesting Early Islamic agriculture in sand

a multi-disciplinary Earth Scientist or archaeologist (M.Sc/MA/Ph.D.) is needed

Research methods include: GIS mapping, sedimentology, pedology, hydrology, absolute and portable luminescence dating, field- & micro-archaeology

Research Inception time: October 1st, 2020.
Location: Israel Antiquities Authority, University of Haifa

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For details and application, pls send cv to:

Joel Roskin - Analytical Laboratory, The Artifacts Treatment, Conservation and Laboratories Dept., Israel Antiquities Authority, Jerusalem
Geomorphology and Portable Luminescence Laboratory, Leon Recanati Institute for Maritime Studies, U. of Haifa, Israel **yoelr@bgu.ac.il**

Itamar Taxel - Head of Pottery Specializations Branch, Archaeological Research Department, Israel Antiquities Authority, Jerusalem **itamartaxel@gmail.com**

Relevant Publications

Roskin, J., Taxel, I., (2020 accepted). Groundwater-fed Plot-and-Berm Agroecosystems in Aeolian Sand in the Mediterranean basin. In Proceedings of Abrunhosa, M., Chambel, A., Peppoloni, S., Chaminé, H.I. (eds.): Advances in Geoethics and Groundwater Management: theory and practice for a sustainable development; Proceedings of the 1st Congress on Geoethics and Groundwater Management (GEOETH&GWM'20), Porto - Portugal 2020. Springer, pp 1-9.

Taxel, I., Sivan, D., Bookman, R., & Roskin, J. (2018). An Early Islamic inter-settlement agroecosystem in the coastal sand of the Yavneh Dunefield, Israel. *Journal of Field Archaeology*, *43*(7), 551-569.

Roskin, J., & Taxel, I. (2018). Plot-and-berm agroecosystems in aeolian sand sheets: A case of global/regional cultural connectivity?. *EGU General Assembly Conference Abstracts* (Vol. 20).

Shtienberg, G., Dix, J. K., Shahack-Gross, R., Yasur-Landau, A., Roskin, J., Bookman, R., ... & Sivan, D. (2017). Anthropogenic overprints on natural coastal aeolian sediments: A study from the periphery of ancient Caesarea, Israel. *Anthropocene*, 19, 22-34.