

For a fully-funded and groundbreaking study

on traditional groundwater-harvesting agriculture in sand in coastal Israel and Iberia

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

Research methods include geospatial analysis, sedimentology, pedology, hydrology, OSL and portable OSL dating, field- & micro-archaeology

Research Inception time: Immediate.

Location: Dept. of Geography and Environment, Bar-Ilan University

For details pls send cv to:

Joel Roskin - Dept. of Geography and Environment, Bar-Ilan University yoelr@bgu.ac.il

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

Revital Bookman - Environmental Sedimentology Lab, head, Dept. of Marine Geosciences, Leon H. Charney School of Marine Sciences, University of Haifa bookman@univ.haifa.ac.il

Relevant Publications

Roskin, J., Taxel, I., (2021). "He who revives dead land": groundwater harvesting agroecosystems in sand along the southeastern Mediterranean coast since early medieval times. *Mediterranean Geoscience Reviews* (in press).

Roskin, J., Taxel, I., (2021). 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.

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.

