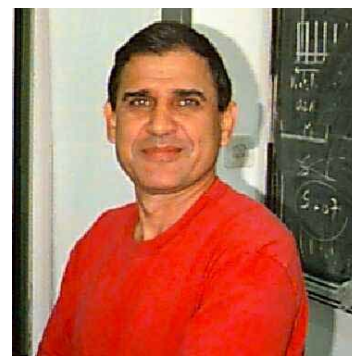


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CURRICULUM VITAE

Personal

1952 - Date of birth

Marital status: Married + 3.

University Education, Additional Training and Positions Held

1975 – 1978 B.Sc. in soil sciences at the Hebrew University, Faculty of Agricultural.

1979 – 1981 M.Sc. in soil sciences at the Hebrew University, Faculty of Agricultural.

Title of thesis: “The contamination process of soil irrigated with treated sewage effluent”

Supervision by: A. Banin and J. Navrot.

1982 – 1986 Ph.D. in soil sciences at the Hebrew University, Faculty of Agricultural.

Title of thesis: The effect of dispersive materials on soil crust formation and runoff/rain relations”

Supervision by: I. Shainberg.

1987 – 1989 Postdoctoral position at the Department of Soil and Environmental Sciences, University of California, Riverside, CA, with J. Letey.

Research subject: Polymers as soil conditioners.

1996 – 1997 Sabbatical leave at the Department of Soil and Environmental Sciences, University of California, Riverside, CA. with J. Letey.

Research subject: Soluble organic matter effects on pesticides movement in soil.

From 2009: Head of the Institute of Soil, Water & Environmental Sciences, Volcani Center.

LIST OF PUBLICATIONS FROM 2005

Articles in reviewed journals (+47)

Edelstein, M., **Ben-Hur, M.**, Cohen, R., Burger, Y., and Ravina, I. (2005).
Boron and salinity effects on grafted and non-grafted melon plants.
Plant and Soil 269: 273-284.

Plaut, Z., and **Ben-Hur, M.** (2005).

Irrigation management of peanuts with a moving sprinkler system: Runoff, yield and water use efficiency.
Agron. J. 97:1202-1209.

- Lado, M. **Ben-Hur, M.**, and Assouline, S. (2005).
Effects of effluent irrigation on seal formation, infiltration and soil loss during rainfall.
Soil Sci. Soc. Am. J. 69:1432-1439.
- Amzallag, G.N., Larkov, O., **Ben-Hur, M.**, and Duadai, N. (2005).
Soil microvariations as a source of variability in the wild: The case of secondary metabolism in *Origanum dayi* Post.
J. Chem. Ecol. 31:1235-1254.
- Tang, Z., Lei, T., Yu, J., Shainberg, I., Mamedov, A.I., **Ben-Hur, M.**, Levy, G.J. (2006).
Runoff and interrill erosion in sodic soils treated with dry PAM and phosphogypsum
Soil Sci. Soc. Am. J. 70:679-690.
- Dudai, N., Putievsky, E., Chaimovitch, D. and **Ben-Hur, M.** (2006).
Growth management of vetiver (*Vetiveria zizanioides*) under Mediterranean conditions.
J. Envi. Management 81:63-71.
- Assouline, S. and **Ben-Hur, M.** (2006).
Effects of rainfall intensity and slope gradient on the dynamic of interrill erosion during soil surface sealing.
Catena 66:211-220.
- Assouline, S., Möller, M., Cohen, S., **Ben-Hur, M.**, Grava, A., Narkis K., and Silber A. (2006).
Soil-plant system response to pulsed drip irrigation and salinity: Bell pepper case study.
Soil Sci. Soc. Am. J. 70:1556-1568.
- Ben-Hur, M.** (2006).
Using synthetic polymers as soil conditioners to control runoff and soil loss in arid and semiarid regions – a review.
Aust. J. Soil Res. 44:191-204.
- Lado, M. **Ben-Hur, M.**, and Shainberg, I. (2007).
Clay Mineralogy, ionic composition, and pH effects on hydraulic properties of depositional seals.
Soil Sci. Soc. Am. J. 71:314-321.
- Edelstein, M., **Ben-Hur, M.** and Plaut, Z. (2007).
Grafted melons irrigated with fresh or effluent water tolerate excess boron.
J. Amer. Soc. Hort. Sci. 132:1-8.
- Ben-Hur, M.** and Lado, M. (2008).
Effect of soil wetting conditions on seal formation, runoff, and soil loss in arid and semiarid soils – a review.
Aust. J. Soil Res. 46:191-202.

- Ben-Hur, M.**, G. Yolcu, H. Uysal, M. Lado and A. Paz (2009).
Soil structure changes: Aggregate size and soil texture effects on hydraulic conductivity under different saline and sodic conditions.
Aust. J. Soil Res. 47: 1-9
- Edelstein, M., Z. Plaut, N. Dudai and **Ben-Hur, M** (2009).
Vetiver (*Vetiveria zizanioides*) responses to fertilization and salinity under irrigation conditions.
J. Envi. Management 91:215-221.
- Lado, M. and **M. Ben-Hur** (2009)
Effects of irrigation with effluent of different qualities on saturated hydraulic conductivity of arid and semiarid soils.
Soil Sci. Soc. Am. J. (in press).
- Lado, M. and **Ben-Hur, M.** (2009).
Treated domestic sewage irrigation effects on soil hydraulic properties in arid and semiarid zones: A review.
Soil & Tillage Research (in press).

Books, book chapters and invited reviews (+7)

- Wakindiki, I.I.C., Mochoge, B.O. and **Ben-Hur, M.** (2007).
Assessment of indigenous soil and water conservation technology for smallholder farms in semi-arid areas in Africa and close spaced trash lines effect on erosion and crop yield.
In: Advances in integrated soil fertility management in sub-Saharan Africa: Challenges and opportunities (Bationo A., Waswa B.S., Kihara J. and Kimetu J. eds.), p. 805-814. Springer, Heidelberg, Germany.
- Ben-Hur, M.** (2008).
Seal formation effects on soil infiltration and runoff in arid and semiarid regions under rainfall and sprinkler irrigation conditions.
In: Climatic Changes and Water Resources in the Middle East and in North Africa (F. Zereini and W. Jaeschke eds.), 429-452. Springer-Verlage, New York.
- Edelstein, M., Cohen, R., and **Ben-Hur, M.** (2009).
Using grafted vegetables to increase tolerance to salt, toxic elements, and soil-borne diseases.
In: Agriculture in arid and semiarid zones: Soil, water, and environmental aspects (M. Ben-Hur ed.), Research Signpost, India (in press)
- Wakindiki, I.C., Danga, B.O., and **Ben-Hur, M.** (2009).
Indigenous soil and water conservation techniques on smallholder farms in Africa.
In: Agriculture in arid and semiarid zones: Soil, water, and environmental aspects (M. Ben-Hur ed.), Research Signpost, India (in press).
- Ben-Hur, M.**, Fernanades, C., Sarkkola, E.S., and Santamaría (2010).
Overland flow, soil erosion and stream water quality in forest under different perturbations and climate conditions.
In: Forest management and the water cycle (M. Bredemeier ed.), Springer-Verlage (in press)