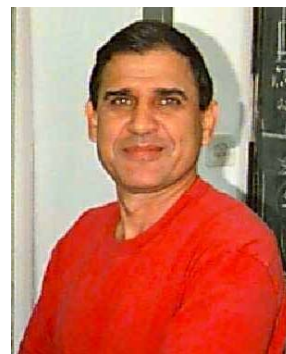


Meni Ben-Hur:

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**Part I: CURRICULUM VITAE****I. Personal**

1952 - Date of birth
1966 – 1970 High school
1970 – 1974 Military service
Marital status: Married + 3.

II. University Education and Additional Training

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.

III. Positions Held and Academic Status

1986 to date: Research scientist at the ARO, The Volcani Center, Institute of Soil, Water & Environmental Sciences.

1986: Promoted to "C".

1992: Promoted to senior scientist "B".

1998-2002: Head of the Department of Physical and Environmental Chemistry.

2002 to 2005: Chairman of the Scientific Council of the Institute of Soil, Water & Envi. Sci.

2003: Promoted to "A" (equivalent to associated Professor).

2007: Promoted to "A+" (equivalent to full Professor).

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

IV. Training/Teaching Experience

1979 – 1981: Assistant in the courses: Introduction to soil science and methods of soil measurement, at The Hebrew University, Faculty of Agriculture.

1983: Assistant in the courses: Introduction to soil science, at the Hebrew University, Faculty of Agriculture.

1985-1987: Lecture in the course: Introduction to soil and water sciences, at the Ben-Gurion University of the Negev.

1986 – 1987: Lecture in the course: Soil conservation, at the Ben-Gurion University of the Negev.

1992 – 1998: Lecturer at the Kurt M. Schallinger, advanced international course on Irrigation and soil management. Held at the ARO, The Volcani Center, Bet Dagan, Israel.

1993 – 1999: Lecturer at international, post-graduate course on: Crops for arid and semiarid zone; advanced agrotechnologies. Held at the Ben-Gurion University of the Negev.

2005 – 2006: Lecturer at international course on: Agriculture and environment: Practices and processes in soil and water. Held at the ARO, The Volcani Center, Bet Dagan, Israel.

2006 Lecturer at international, post-graduate course on: Groundwater exploration, water resource exploitation and conservation. Held at The Hebrew University, Faculty of Agriculture

Students:

1. G. Reshf, M.Sc. in Hebrew University, Rehovot. Title of the thesis: Fly ash impact on soil and water contamination by micro-elements (1998). Guidance with Y. Chen and R. Keren.

2. Hania Pery-Ovadya, M.Sc., in Hebrew University, Jerusalem. Title of the thesis: Effluent organic matter effects on the microelements and soil interaction (1998). Guidance with O. Lev and R. Keren.
3. A. Grimberg, M.Sc. in Hebrew University, Rehovot. Title of the thesis: Movement of polymers in soil and their effects on the hydraulic conductivity of Vertisol (2001). Guidance with Y. Chen and R. Keren.
4. I.I.C. Wakindiki, Ph.D. in the Egerton University, Kenya. Title of the thesis: Soil mineralogy, slope gradient and soil and water conservation effects on infiltration, and erosion under seal formation conditions (2001).
5. Limor Sharabany, MSc. in Hebrew University, Rehovot. Title of the thesis: The effect of dissolved and suspended organic matter on microelements variation with time and space in the Yarkon river (2002). Guidance with U. Mingelgrin.
6. Morris Oduor Omndi, M.Sc. in the Egerton University, Kenya. Title of the thesis: Soil amendment with chickpea residue effects on water retention and availability and wheat yield (2006). Guidance with I.I.C. Wakindiki.
7. Rebecca Yegon, M.Sc., in the Egerton University, Kenya. Title of the thesis: Chickpea residue, incorporation and incubation effects on the saturated hydraulic conductivity, nutrient and leaching in soils of different mineralogy (2007). Guidance with I.I.C. Wakindiki.
8. Guy Gasser, M.Sc. in Hebrew University, Rehovot. Title of the thesis: Surface movement of contaminates in soils irrigated with effluent (2008). Guidance with U. Mingelgrin.
9. Assaf Inbar, M.Sc. in Tel-Aviv University. Title of the thesis: Using synthetic polymers for soil erosion control after forest fires. Guidance with Marcelo Stenberg and Marocs Lado.
10. Nizzim Hazan, Ph.D. in Hebrew University, Rehovot. Title of the thesis: Effects of irrigation with various effluent qualities on organic matter and adsorption and transport of atrazine in soil. Guidance with U. Mingelgrin.

Foreign Scholars (12 months or more):

1. F.H. Li (from China), title of the project: Water and salt distribution in a field irrigated with marginal water under nonisotropic conditions and cracked soil (1995-1996)
2. I.I.C. Wakindiki (student to Ph.D. from Kenya), title of the project: Soil mineralogy, slope, and soil and water conservation effects on infiltration, seal formation, erosion and crop yield under semi-arid conditions (2000).
3. D. Warrington (from England), title of project: Effects of till and notill on runoff and soil erosion (2002).
4. Z.J. Thang (postdoctoral from China), title of project: Use of polymers to increase water use efficiency and yields in vegetables on sandy soils (2002).
5. M. Lado (postdoctoral from Spain), title of project: Soil mineralogy effects on seal formation, runoff and soil loss (2002-2008).

Part II: LIST OF PUBLICATIONS

1. Articles in reviewed journals

1. **Ben-Hur, M.**, Shainberg, I., Bakker, D. and Keren, R. (1985).
Effect of soil texture and CaCO₃ content on water infiltration in crusted soil as related to water salinity.
Irrig. Sci. 6:281-294.
2. **Ben-Hur, M.**, Shainberg, I. Keren, R. and Gal M. (1985).
Effect of water quality and drying on soil crust properties.
Soil Sci. Soc. Am. J. 49: 191-196.
3. **Ben-Hur, M.**, Shainberg, I. and Keren, R. (1986).
Effect of sodium polymetaphosphate on soil crust formation and runoff/rain relation.
Soil Sci. Soc. Am. J. 50: 1314-1318.
4. **Ben-Hur, M.**, Shainberg, I. and Morin, J. (1987).
Variability of infiltration in a field with surface-sealed soil.
Soil Sci. Soc. Am. J. 51: 1299-1302.
5. **Ben-Hur, M.**, Faris, J., Malik, M. and Letey, J. (1989).
Polymers as soil conditioners under consecutive irrigations and rainfall.
Soil Sci. Soc. Am. J. 53: 1173-1177.
6. **Ben-Hur, M.** and Letey, J. (1989).
Effect of polysaccharide, clay dispersion and impact energy on water infiltration.
Soil Sci. Soc. Am. J. 53:233-238.
7. **Ben-Hur, M.**, Plout, Z., Shainberg, I., Meiri, A. and Agassi, M. (1989).

Cotton canopy and drying effects on runoff during irrigation with moving sprinkler system.

Agron. J. 81: 752-757.

8. **Ben-Hur, M.** and Shainberg, I. (1989).
Clay, calcium carbonate, and sodium polymetaphosphate interaction in soil seal formation.
Soil Sci. Soc. Am. J. 53:242-247.
9. Agassi, M., Shainberg, I., Warrington, D. and **Ben-Hur, M.** (1989).
Runoff and erosion control in potato fields.
Soil Sci. 148:149-154.
10. Morin, J., Keren, R. Benjamini, Y., **Ben-Hur, M.** and Shainberg, I. (1989).
Water infiltration as affected by soil crust and moisture profile.
Soil Sci., 148: 53-59.
11. **Ben-Hur, M.**, Letey, J. and Shainberg, I. (1990).
Polymer effects on erosion under laboratory rainfall simulator conditions.
Soil Sci. Soc. Am. J. 54: 1092-1095.
12. **Ben-Hur, M.** (1991).
The effect of dispersants, stabilizer and slope length on runoff and water-harvesting farming.
Aust. J. Soil Res. 29: 553-563.
13. Agassi, M., and **Ben-Hur, M.** (1991).
Effect of slope length, aspect and phosphogypsum on runoff and erosion from steep slopes.
Aust. J. Soil Res. 29: 197-207.
14. Levin, J., **Ben-Hur, M.**, Gal, M. and Levy, G.J. (1991).
Rain energy and soil amendments effects on infiltration and erosion of three different soil types.
Aust. J. Soil Res. 29: 455-465.
15. Levy, G.J., **Ben-Hur, M.** and Agassi, M. (1991).
The effect of polyacrylmide on runoff, erosion and cotton yield from fields irrigated with moving sprinkler systems.
Irrig. Sci. 12: 55-60.
16. Stern, R., **Ben-Hur, M.** and shainberg, I. (1991).
Clay mineralogy effect on rain infiltration, seal formation and soil losses.
Soil Sci. 152: 455-462.
17. **Ben-Hur, M.**, Clark, P. and Letey, J. (1992).
Exchangeable Na, polymer, and water quality interaction on water infiltration and soil loss.
Arid Soil Res. & Rehabilitation J. 6: 311-317.

18. **Ben-Hur, M.**, Malik, M., Letey, J. and Mingelgrin, U. (1992).
Adsorption of polymers on clays as affected by clay charge and structure, polymer properties, and water quality.
Soil Sci. 153: 349-356.
19. **Ben-Hur, M.**, Stern, R., van der Merwe, A.J. and Shainberg, I. (1992).
Slope and gypsum effects on infiltration and erodibility of dispersive and nondispersive soil.
Soil Sci. Soc. Am. J. 56: 1571-1576.
20. Agassi, M. and **Ben-Hur, M.** (1992).
Stabilizing steep slopes with soil conditioners and plants.
Soil Tech. 5: 249-256.
21. Gal, M., Stern, R., Levin, J. and **Ben-Hur, M.** (1992).
Polymer effect on water infiltration and erosion of sodic soils.
S. Afr. J. Plant Soil 9: 108-112.
22. Levy, G.J., Levin, J., Gal, M., **Ben-Hur, M.** and Shainberg, I. (1992).
Polymers effects on infiltration and soil erosion during consecutive simulated sprinkler irrigation.
Soil Sci. Soc. Am. J. 56: 902-907.
23. Plaut, Z., **Ben-Hur, M.** and Meiri, A. (1992).
Yield and vegetative growth as related to plant water potential of cotton irrigated with a moving sprinkler system at different frequencies and wetting depths.
Irrig. Sci. 13: 39-44.
24. Agassi, M., Bloem, D. and **Ben-Hur, M.** (1994).
Effect of drop energy, and Soil and water Chemistry on infiltration, and erosion.
Water Resour. Res. 30: 1187-1193.
25. **Ben-Hur, M.** (1994).
Runoff, erosion, and polymer application in moving-sprinkler irrigation.
Soil Sci. 158: 283-290.
26. **Ben-Hur, M.**, Plaut, Z., Levy, G.J., Agassi, M. and Shainberg, I. (1995).
Surface runoff, uniformity of water distribution and yield of peanut irrigated with a moving sprinkler system.
Agron. J. 87: 609-613.
27. **Ben-Hur, M.** and Agassi, M. (1997).
Predicting interrill erodibility factor from measured infiltration rate.
Water Resour. Res. 33: 2409-2415.
28. **Ben-Hur, M.** and Keren, R. (1997).
Polymer effects on water infiltration and soil aggregation.
Soil Sci. Soc. Am. J. 61: 565-570.
29. **Ben-Hur, M.**, Agassi, M. Keren, R. and Zhang, J. (1998).

Compaction, aging, and raindrop-impact effects on hydraulic properties of saline and sodic Vertisols.

Soil Sci. Soc. Am. J. 62: 1377-1383.

30. Nelson, S.D., Letey, J, Farmer, W.J., Williams C.F., and **Ben-Hur, M.** (1998).
Facilitated Transport of Napropamide by dissolved organic matter in sewage sludge-amended soil.
J. Environ. Qual. 27: 1194-1200.
31. Williams C.F., Letey, J, Farmer, W.J., Nelson, S.D., Anderson, M. and **Ben-Hur, M.** (1999).
Efficiency of hexane extraction of napropamide from aldrich humic acid and soil solutions.
J. Environ. Qual. 28: 1751-1757.
32. Williams C.F., Letey, J, Farmer, W.J., Nelson, S.D. and **Ben-Hur, M.** (2000).
Facilitate transport of napropamide by dissolved organic matter through soil columns.
Soil Sci. Soc. Am. J. 64:590-594.
33. Nelson, S.D., Letey, J, Farmer, W.J., Williams C.F., and **Ben-Hur, M.** (2000).
Herbicide application method effects on napropamide complexation with dissolved organic matter.
J. Environ. Qual. 29: 987-994.
34. Huang, Z.B., Assouline, S., Zilberman, J., and **Ben-Hur, M.** (2000).
Tillage and saline irrigation effects on water and salt distribution in a sloping field.
Soil Sci. Soc. Am. J. 64:2096-2102.
35. **Ben-Hur, M.**, Li, F.H., Keren, R., Ravina I. and Shalit, G. (2001).
Water and salt distribution in a field irrigated with marginal water under high water table conditions.
Soil Sci. Soc. Am. J. 65:191-198.
36. **Ben-Hur, M.** (2001).
Soil conditioner effects on runoff, erosion and potato yield under sprinkler irrigation with different emitters.
Agron. J. 93:1156-1163.
37. Wakindiki, I.I.C, Runguma, D., **Ben-Hur, M.**, and Mochoge, B.O. (2001).
Local adaptations to soil erosion and low soil moisture in the semi arid Tharaka district, Kenya.
TAJAS 1:75-80.
38. Wakindiki, I.I.C., and **Ben-Hur, M.** (2002).
Soil mineralogy and texture effects on crust micromorphology, infiltration, and erosion.
Soil Sci. Soc. Am. J. 66:897-905.

39. Wakindiki, I.I.C., and **Ben-Hur, M.** (2002).
Indigenous soil and water conservation techniques: effects on runoff, erosion, and crop yield under semi-arid conditions.
Aust. J. Soil Res. 40:367-379.
40. **Ben-Hur, M.**, and Assouline S. (2002).
Tillage effects on water and salt distribution in a Vertisol during effluent irrigation and rainfall.
Agron. J. 94:1295-1304.
41. Assouline, S., and **Ben-Hur, M.** (2003).
Effects of water applications and soil tillage on water and salt regimes in a Vertisol.
Soil Sci. Soc. Am. J. 67:852-858.
42. **Ben-Hur, M.**, Letey J., Farmer W.J., Williams C.F., and Nelson S.D. (2003).
Soluble and solid organic matter effects on atrazine adsorption in cultivated soils.
Soil Sci. Soc. Am. J. 67: 1140-1146 .
43. Keren, R., and **Ben-Hur, M.** (2003).
Interaction effects of clay swelling and dispersion and CaCO₃ content on saturated hydraulic conductivity.
Aust. J. Soil Res. 41:979-989
44. Lado, M. and **Ben-Hur, M.** (2003).
Soil mineralogy effects on seal formation, runoff and soil loss – A review.
Applied clay Sci. 24: 209-224.
45. Lado, M., Paz, A., and **Ben-Hur, M.** (2004).
Organic matter and aggregate size interactions in saturated hydraulic conductivity.
Soil Sci. Soc. Am. J. 68: 234-242.
46. Lado, M., Paz, A., and **Ben-Hur, M.** (2004).
Organic matter and aggregate size interactions in infiltration, seal formation and soil loss.
Soil Sci. Soc. Am. J. 68: 935-942.
47. **Ben-Hur, M.**, and Wakindiki, I.I.C. (2004).
Soil mineralogy and slope effects on infiltration, interrill erosion, and slope factor.
Water Resour. Res. 40: W03303
48. Lado, M. **Ben-Hur, M.**, and Shainberg, I. (2004).
Soil wetting and texture effects on aggregate stability, seal formation, and erosion.
Soil Sci. Soc. Am. J. 68:1992-1999.
49. Shainberg, I., Levy, G.J., and **Ben-Hur, M.** (2004).
Chemical and physical indicators to diagnose susceptibility of soils to sodification – A review.
Trends in Soil Sci. 3:99-109.

50. 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.
51. 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.
52. 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.
53. Amzallag, G.N., Larkov, O., **Ben-Hur, M.**, and Dudai, 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.
54. 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.
55. 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.
56. 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.
57. 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.
58. **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.
59. 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.

60. Edelstein, M., **Ben-Hur, M.** and Plaut, Z. (2007).
Grafted melons irrigated with fresh or effluent water tolerate excess boron.
J. Am. Soc. Hort. Sci. 132:1-8.
61. **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.
62. Lado, M. and **Ben-Hur, M.** (2009).
Treated domestic sewage irrigation effects on hydraulic properties in arid and semiarid zones: A review.
Soil & Tillage Research: 106:152-163.
63. Edelstein, M., Plaut, Z., Dudai, N., and **Ben-Hur, M.** (2009).
Vitiver (*Vetiveria zizanioides*) responses to fertilization and salinity under irrigation conditions.
J. Environmental Management 91:215-221.
64. **Ben-Hur, M.**, Yolcu, G., Uysal, H., Lado, M., and Paz, A. (2009).
Soil structure changes: aggregate size and soil texture effects on hydraulic conductivity under different saline and sodic conditions.
Aust. J. Soil Res. 47:688-696.
65. Lado, M. and **Ben-Hur, M.** (2010).
Effects of irrigation with different effluents on saturated hydraulic conductivity of arid and semiarid soils.
*Soil Sci. Soc. Am. J.*74:23-32.
66. Edelstein, M., Plaut, Z., and **Ben-Hur, M.** (2010).
Water salinity and sodicity effects on soil structure and hydraulic properties – A review.
Adv. Hort. Sci. 24:154-160.
67. Edelstein, M., Plaut, Z. and **Ben-Hur, M.** (2011).
Sodium and chloride exclusion and retention by non-grafted and grafted melon and *Cucurbita* plants.
*J. of Exp. Bot.*62:177-184
68. Edelstein, M., **Ben-Hur, M.**, Leib, L., and Plaut, Z. (2012).
Mechanism responsible for restricted boron concentration in plant shoots grafted on pumpkin rootstocks.
*Israel J. Plant Sci.*59:207-215. DOI: 10.1560/IJPS.59.2-4.2007.
69. Lado, M., Bar-Tal, A., Azenkot, A., Assouline, S., Ravina, I., Erner, Y., Fine, P., Dasberg, S., and Ben-Hur, M. (2012).
Changes un chemical properties of semiarid soils under long-term secondary treated wastewater irrigation.

*Soil Sci. Soc. Am. J.*76:1358-1369.

70. Plaut, Z., Edelstein, M., and **Ben-Hur, M.** (2013).
Overcoming salinity barriers to crop production using traditional methods: A review.
Critical reviews in Plant Sciences 32:250-291. DOI:
10.1080/07352689.2012.752232

2. Books and book chapters

71. Levy, G.J. and **Ben-Hur, M.** (1997).
Some uses of water-soluble polymers in soil.
In: Handbook of soil conditioners (A. Wallach ed.), p. 399-428.
Marcel Dekker, Inc., New York.
72. **Ben-Hur, M.**, U. Mingelgrin and Z. Gerstl, eds. (1999).
Soils and the Environment.
Special Issue of Agricultural Research in Israel. 258 pp. (In Hebrew with English abstracts).
73. **Ben-Hur, M.** (1999).
Contamination processes of soils and water resources in Israel by microelements due to irrigation with sewage effluent.
In: Israel Agresearch 10: 55-80 (M. Ben-Hur, Z. Gerstl, and U. Mingelgrin eds.) (in Hebrew).
74. Letey, J., Fasmeyer, W.J., Williams, C.F., Nelson, S.D., Agassi, M., and **Ben-Hur, M.** (2000).
The role of dissolved organic matter in pesticide transport through soil.
In: Agrochemical movement: perspective and scale (L.J. Ross ed.), p. 347-360.
American Chemical Society.
75. **Ben-Hur, M.** (2004).
Sewage water treatments and reuse in Israel.
In: Water in the Middle East and in North Africa: Resources, Protection, and Management (F. Zereini and W. Jaeschke eds.), p. 167-180.
Springer-Verlag, New York.
76. 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.
77. **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.), p. 429-452, Springer-Verlag, Berlin Heidelberg.

78. **Ben-Hur, M.**, Fernandez, C., Sarkkola, S., and Santamarta Cerezal, J.C. (2011).
Overland flow, soil erosion and stream water quality in forest under different perturbations and climate conditions.
In: Forest management and the water cycle (Bredemeier, M., Cohen, S., Godbold, D.L., Lode, E., Pichler, V., and Schleppei, P. eds.). Ecological Study, 212: 263-289. Springer, New York.
79. **Ben-Hur, M.** (2011).
Water use efficiency in agriculture: Opportunities for improvement.
In: Encyclopedia of agrophysics (Glinski, J., Horabik, J., and Lipiec, J., eds.), p. 979-984, Springer, Netherlands (DOI 10.1007/978-90-481-3585-1).
80. Edelstein, M., and **Ben-Hur, M.** (2012).
Use of grafting to mitigate chemical stress in vegetables under arid and semiarid conditions.
In: Advances in Environmental Research (J.A. Daniels ed),. Nova Science Publishers, Inc. 20:163-179. ISBN 978-1-61324-869-0
81. Cohen, S., Levy, G., and **Ben-Hur, M.** (2012).
Israeli Perspective on climate change influences on semi-arid agriculture, forestry and soil conservation.
In: Hand Book of climate change and agroecosystems, global and regional aspects and implications (Hillel, D. and Rosenzweig, C., eds.). ICP series on climate change impacts, adaptation, and mitigation, 2:161-191.
82. Wakindiki, I.C., Danga, B.O., and **Ben-Hur, M.** (2013).
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).
83. Edelstein, M., Cohen, R., and **Ben-Hur, M.** (2013).
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)

3. Articles in reviewed journals in Hebrew

84. **Ben-Hur, Keren, R.** and Klein A. (1996).
Effect of water flow rate on salt leaching and hydraulic conductivity of saline and sodic clay soils.
The field 66: 87-90.
85. **Ben-Hur, M.**, Keren, R., Gremberg, A. and Chen, Y. (1996).
Reclamation of saline and sodic Vertisol by synthetic polymers.

Water and Irri. 61: 565-570.

86. **Ben-Hur, M.**, Ovaday, H. and Keren, R. (2001).
The correlation between soluble and suspended organic matter and microelements in treated effluent.
Water and Water Engineering 50: 37-40.
87. Dudai, N., Potievsky, E., Chaimovich, D. and **Ben-Hur, M.** (2004).
Growing of Vetiver (*Vetiveria zizanioides*) for soil stabilization: Development of growing management for Israel conditions.
The Forest 5-6:45-49.
88. **Ben-Hur, M.**, Tenaw, H., and Leib, L. (2006).
Application of wood chips as soil mulching to prevent runoff and soil loss.
The Forest 8:23-29.
89. **Ben-Hur, M.** (2008).
Rock types and water regime effects on development of natural vegetation in Rhamat Hanadiv.
The Forest 10:25-30.
90. **Ben-Hur, M.**, Gasser, G., Leib, L., Tenaw, H., Narkis K., and Assouline, S. (2011).
Effect of plant canopy and land use on surface runoff and soil erosion in open fields in the Coastal Plain, Israel.
Water Engineering, 71:34-39.
91. **Ben-Hur, M.**, Lado, M., Tenaw, H., Leib, L., and Arrav, A. (2011).
Preventing surface runoff and soil loss using wood chips as soil mulching.
Ecology and Environment 2:202-208.
92. Dudai, N., E., Chaimovich, D. and **Ben-Hur, M.** (2011).
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