

ALCAMO J (2008) The SAS Approach: Combining qualitative and quantitative knowledge in environmental scenarios. In: Alcamo J (ed) *Environmental Futures: The Practice of Environmental Scenario Analysis*, Elsevier, Amsterdam, 123-150,  
[http://dx.doi.org/10.1016/S1574-101X\(08\)00406-7](http://dx.doi.org/10.1016/S1574-101X(08)00406-7).

ALPERT P (2004) The water crisis in the Eastern Mediterranean - and relation to global warming? In: Zereini F and Jaeschke W (eds) *Water in the Middle East and in North Africa - Resources, Protection and Management*, Springer Verlag, Berlin, 55–61,  
[http://www.tau.ac.il/~pinhas/papers/2004/Alpert\\_Zereini\\_2004.pdf](http://www.tau.ac.il/~pinhas/papers/2004/Alpert_Zereini_2004.pdf), accessed 26.07.2012.

ALPERT P, BALDI M, ILANI R, KRICHAK SO, PRICE C, RODÓ X, SAARONI H, ZIV B, KISHCHA P, BARKAN J, MARIOTTI A, XOPLAKI E (2006) Relations between climate variability in the Mediterranean region and the tropics: ENSO, South Asian and African Monsoons, Hurricanes and Saharan dust. In: Lionello P, Malanotte-Rizzoli P and Boscolo R (eds) *Mediterranean climate variability*, Elsevier, Amsterdam, 149–177,  
[http://www.giub.unibe.ch/klimet/docs/climdyn\\_2006\\_alpert\\_et\\_al.pdf](http://www.giub.unibe.ch/klimet/docs/climdyn_2006_alpert_et_al.pdf), accessed 26.07.2012.

ALPERT P, JIN F (2014) The atmospheric moisture budget over the eastern mediterranean based on the super high-resolution global model - effects of global warming at the end of 21st century. In: Kapur S and Watanabe T (eds) Climate change impacts on basin agro-ecosystems, Springer.

ALPERT P, SHAFIR H (2006) Global climate change affects desert climate. In: Safriel U (lead author) Chapter 3: Deserts and the Planet - Linkages between Deserts and Non-Deserts / The Physical Tele-Connections - Climate, Dust and Rivers / Desert and Global Climate. In: Ezcurra E (ed) *Global Deserts Outlook*, Earthprint,  
<http://www.unep.org/geo/gdoutlook/045.asp>.

ALPERT P, SHOLOKHMAM T (2011) Factor separation in the atmosphere, applications and future prospects. Cambridge University Press, Cambridge,  
<http://www.cambridge.org/catalogue/catalogue.asp?isbn=9780521191739>.

CHEN Y, DOSORETZ C, KATZ I, MARSCHNER B, JÜSCHKE E, TARCHITZKY J (2010) Organic matter in wastewater and treated wastewater irrigated soils: properties and effects. In: Levy GJ, Fine P and Bar-Tal A (eds) *Treated Wastewater in Agriculture: Use and Impact on the Soil Environment and Crops*, Blackwell Publishing Ltd., Oxford, U.K, 400-417, <http://dx.doi.org/10.1002/9781444328561>.

FLEISCHER A, KURUKULASURIYA P, MENDELSON R (2011) Reducing the impact of global climate change on agriculture – the use of endogenous irrigation and protected agriculture technology. In: Dinar A and Mendelsohn R (eds) *Handbook on Climate Change and Agriculture*, Edward Elgar Publishing, 355-381,  
<http://dx.doi.org/10.4337/9780857939869.00026>.

GARRIDO A, DINAR A (2009) Managing water resources in a time of global change Routledge, Oxon.

GOPHEN M (2004) Hydrology and management of Lake Kinneret aimed at water quality protection. In: Zereini F and Jaeschke W (eds) *Water in the Middle East and in North Africa: Resource, protection and management*, Springer, Heidelberg, 41-54.

- GOPHEN M (2004) Water utilization in semi-arid zone, the Hula Valley (Israel): Pollutant removal, agriculture and ecotourism management. In: Zereini F and Jaeschke W (eds) *Water in the Middle East and in North Africa: Resources, protection, and management*, Springer, Heidelberg, 207-226.
- GOPHEN M (2008) Climatological and anthropogenic influence on biodiversity in Lake Kinneret (Israel). In: Jones J (ed) *International Association of Theoretical and Applied Limnology, Vol 30, Pt 3, Proceedings*, Vol. 30, E Schweizerbart'sche Verlagsbuchhandlung, Stuttgart, 419-423.
- GOPHEN M (2008) Long term (1970 – 2001) eco-hydrological processes in Lake Kinneret and its watershed. In: Zereini F and Hötzl H (eds) *Climatic changes and water resources in the Middle East and North Africa*, Springer Berlin Heidelberg, 373-401, [http://dx.doi.org/10.1007/978-3-540-85047-2\\_24](http://dx.doi.org/10.1007/978-3-540-85047-2_24).
- HOFF H (2009) Challenges in upland watershed management: the green-blue water approach. In: Garrido A and Dinar A (eds) *Managing water resources in a time of global change: mountains, valleys and flood plains*, Routledge Chapman & Hall, Oxford, 167-190.
- HOFF H, KÜCHMEISTER H, TIELBÖRGER K (2006) The GLOWA Jordan River Project - Integrated Research for Sustainable Water Management. In: Beck MB and Speers A (eds) *2nd IWA Leading-Edge on Sustainability in Water-Limited Environments*, IWA Publishing, 73–80.
- KAN I, ZEITOUNI N (2013) Impacts of Changes in Regional Rainfall-Distribution Patterns on Winter Agriculture in Israel. In: Becker N (ed) *Water Policy in Israel*, Vol. 4, Springer Netherlands, 193-207, [http://dx.doi.org/10.1007/978-94-007-5911-4\\_13](http://dx.doi.org/10.1007/978-94-007-5911-4_13).
- KOCH J, WIMMER F, ONIGKEIT J, SCHALDACH R (2012) An integrated land-use system model for the Jordan River region. In: Appiah-Opoku S (ed) *Environmental Land Use Planning*, InTech Open Science, Rijeka, 87-116, <http://dx.doi.org/10.5772/51247>.
- KRICHAK SO, ALPERT P, KUNIN P (2009) Projections of climate change over non-boreal East Europe during first half of the twenty-first century according to results of a transient RCM experiment. In: Groisman PY and Ivanov S (eds) *Regional aspects of climate-terrestrial-hydrologic interactions in non-boreal Eastern Europe*, Springer Science + Business Media B.V, 55-62.
- KUNSTMANN H (2007) Regionale Auswirkung der Klimaänderung auf die Wasserverfügbarkeit in klimasensitiven Gebieten. In: Endlicher E and Gerstengarbe F-W (eds) *Der Klimawandel – Einblicke, Rückblicke, Ausblicke*, Potsdam, 67-74.
- LAHAV O, KOCHVA M, TARCHITZKY J (2010) Potential drawbacks associated with agricultural irrigation with treated wastewaters from desalinated water origin and possible remedies *Water Science & Technology*, Vol. 61 (10), IWA Publishing 2010 2451-2460, <http://dx.doi.org/10.2166/wst.2010.157>.
- LOZÁN J, GRAßL H, HUPFER P, MENZEL L, SCHÖNWIESE C-D (2007) Global change: Enough water for all? Wissenschaftliche Auswertungen und GEO-Verlag, Hamburg.
- MCNEILL L, ALMASRI M, MIZYED N (2010) A Sustainable Approach For Reusing Treated Wastewater In Agricultural Irrigation In The West Bank -Palestine. *Desalination*, Vol. 251, Edinburgh, Scotland, UK, 315-321, <http://dx.doi.org/10.1016/j.desal.2008.05.070>.

- MENZEL L (2010) Wasser als limitierender Entwicklungsfaktor. In: Strigel G, Ebner von Eschenbach A-D and Barjenbruch U (eds) *Wasser - Grundlage des Lebens: Hydrologie für eine Welt im Wandel*, Schweizerbart, Stuttgart, 82-88.
- MENZEL L (2011) Globaler Wandel, extreme hydrologische Ereignisse und Strategien zum Umgang mit Hochwasser und Dürre. In: Lozán J, Graßl H, Hupfer P, Karbe L and Schönwiese C-D (eds) *Warnsignal Klima - Genug Wasser für alle?* 3 edn., Climate Service Center Germany, 415-424,  
[http://www.climate-service-center.de/imperia/md/content/csc/warnsignalklima/Warnsignal\\_Klima\\_Kap3.2\\_3.2.8\\_Menzel.pdf](http://www.climate-service-center.de/imperia/md/content/csc/warnsignalklima/Warnsignal_Klima_Kap3.2_3.2.8_Menzel.pdf), accessed 26.07.2012.
- MENZEL L, TÖRNROS T (2012) The water resources of the Eastern Mediterranean: Present and future conditions. In: Rausch R, Schüth C and Himmelsbach T (eds) *Hydrogeology of arid environments (Proceedings)*, Borntraeger Science Publishers, Stuttgart, 97-100.
- NABULSI AH (2007) Socio-economic impacts of water availability and prices on farming systems – The case of the Eastern Jordan Valley. In: Doppler W and Bauer S (eds) *Farming & rural systems economics*, Vol. 85, Margraf, Weikersheim.
- OROUD IM (2012) Climate change impacts on green water fluxes in the Eastern Mediterranean. In: Leal Filho W (ed) *Climate change and the sustainable use of water resources*, Springer, Berlin, Heidelberg, 3-15.
- OROUD IM (2012) Relative impacts of climate change on water resources in Jordan. In: Fernando HJS, Klaić Z and McCulley JL (eds) *National security and human health implications of climate change*, Springer Science+Business Media B.V., 349-356,  
[http://dx.doi.org/10.1007/978-94-007-2430-3\\_31](http://dx.doi.org/10.1007/978-94-007-2430-3_31).
- SALMAN A, KARABLIEH E, WOLFF H-P, FISHER FM, HADDADIN MJ (2006) The economics of water in Jordan. In: Haddadin MJ (ed) *Water Resources in Jordan, Resources for the Future* (RFF), Washington D.C., 116–149.
- SCHACHT K, GÖNSTER S, JÜSCHKE E, MARSCHNER B (2010) Land evaluation for irrigation with treated wastewater. In: Steusloff H (ed) *Integrated Water Resources Management*, KIT, Karlsruhe, 322-328.
- SHECHTER M (2003) Water in an era of peace: water need not create an economic ‘short-circuit’. In: Yaniv N and Marks E (eds) *Beyond Peace: The Urgent Tasks of Israeli Society*, Tel-Aviv University, Tel-Aviv, 95–100.
- SHECHTER M, GIUPPONI C (2003) Climate change in the Mediterranean: Socio-economic perspectives of impacts, vulnerability and adaptation. Edward Elgar Publishing, Cheltenham, UK.
- SHECHTER M, YEHOOSHUA N (2002) Exploratory economic assessments of climate change impacts in Israel: agriculture. In: Beniston M (ed) *Climate change: Implications for the hydrological cycle and for water management*, Vol. 10, Springer, 411-428.
- SHOLOKHMAN T, ALPERT P (2007) Factor separation in atmospheric modelling-a review. In: Ebel A and Davitashvili T (eds) *Air, water and soil quality modelling for risk and impact assessment*, Springer Netherlands, 165-180.

- STERNBERG M, HOLZAPFEL C, TIELBÖRGER K, SARAH P, KIGEL J, LAVEE H, FLEISCHER A, JELTSCH F, KÖCHY M (2011) The use and misuse of climatic gradients for evaluating climate impact on dryland ecosystems - an example for the solution of conceptual problems. Combining ‘space for time’ with experiments and modeling: a novel gradient approach to integrated climate change research. In: Blanco J and Kheradmand H (eds) *Climate Change - Geophysical Foundations and Ecological Effects*, InTech, 361-374.
- SUPPAN P, KUNSTMANN H, HECKL A, RIMMER A (2008) Impact of climate change on water availability in the Near East. In: Zereini F and Hötzl H (eds) *Climatic changes and water resources in the Middle East and in North Africa*, Springer, Berlin Heidelberg, 47-58.
- TIELBÖRGER K, SALGUERO-GÓMEZ R (2014) Some Like It Hot: Are Desert Plants Indifferent to Climate Change? In: Lütge U, Beyschlag W and Cushman J (eds) *Progress in Botany*, Vol. 75, Springer Berlin Heidelberg, 377-400, [http://dx.doi.org/10.1007/978-3-642-38797-5\\_12](http://dx.doi.org/10.1007/978-3-642-38797-5_12).
- TRIGO R, XOPLAKI E, ZORITA E, LUTERBACHER J, KRICHAK SO, ALPERT P, JACOBET J, SÁENZ J, FERNÁNDEZ J, GONZÁLEZ-ROUCO F, GARCIA-HERRERA R, RODO X, BRUNETTI M, NANNI T, MAUGERI M, TÜRKES M, GIMENO L, RIBERA P, BRUNET M, TRIGO IF, CREPON M, MARIOTTI A (2006) Relations between variability in the Mediterranean region and mid-latitude variability. In: Lionello P, Malanotte-Rizzoli P and Boscolo R (eds) *Mediterranean Climate Variability*, Vol. 4, Elsevier, Amsterdam, 179–226, [http://dx.doi.org/10.1016/S1571-9197\(06\)80006-6](http://dx.doi.org/10.1016/S1571-9197(06)80006-6).
- YAKIR D (2003) The stable isotopic composition of atmospheric CO<sub>2</sub>. In: Keeling RF (ed) *The atmosphere*, Vol. 4, Elsevier, 175-212, <http://dx.doi.org/10.1016/B0-08-043751-6/04038-X>.
- YEHOSHUA N, SHECHTER M (2003) Climate change and agriculture: an Israeli perspective. In: Giupponi C and Shechter M (eds) *Climate change in the Mediterranean: socio-economic perspectives of impacts, vulnerability and adaptation*, Edward Elgar Publishing Ltd, 196–212.