

ARIZA CL (ongoing) Interactions of plants along a climatic gradient in Israel: plasticity and evolution of competitive ability under climate change. Department of Plant Ecology, University of Tübingen. Supervised by Tielböger K.


BANGERTER S (ongoing) The effect of grazing cessation on semi-arid to sub-humid rangelands under climate change. Department of Environmental Planning, University of Hannover. Supervised by Prasse R.

BARKAN Y (2006) The sources of the Saharan dust and the synoptics of its transportation toward the American and European continents. Department of Geophysics and Planetary Sciences, Tel Aviv University. Supervised by Alpert P.

BONZI C (ongoing) Developing water management strategies under climate change with WEAP: the contentious setting of the Jordan River basin. Department of Plant Ecology, University of Tübingen. Supervised by Tielböger K.

BRAND S (ongoing) Salinity processes in altered wetland soils. Department of Soil Science, Hebrew University of Jerusalem. Supervised by Litaor MI.


GUNKEL A (ongoing) A coupled, process-based simulation model for water resources in the Lower Jordan River Catchment. Department of Hydrology, University of Freiburg. Supervised by Weiler M and Lange J.

HÄNEL S (2014) Rapid in situ adaptation to changed precipitation in annual plants. Department of Plant Ecology, University of Tübingen. Supervised by Tielböger K and Kigel J.

HAREL D (2009) Effects of climate change on germination strategies of annuals along rainfall gradient in Israel. Department of Molecular Biology and Ecology of Plants, Tel Aviv University. Supervised by Sternberg M.
HARTMANN A (2013) Modelling karst hydrology and hydrochemistry in different scales and climates considering prediction uncertainty. *Department of Hydrology, University of Freiburg*. Supervised by Lange J.


HIJAWI T (2003) Economics and management of the use of different water qualities in irrigation in the West Bank *Department of Social and Institutional Change, University of Hohenheim*. Supervised by Doppler W.

HIRSCH- ESHKOL T (2009) Climate analyses related to land use change feedbacks, with focus over the Eastern Mediterranean Region. *Department of Geophysics and Planetary Sciences, Tel Aviv University*. Supervised by Alpert P.

JIN F (2011) Climate changes in future atmospheric moisture fields over the Middle-East based on regional climate modeling. *Department of Geophysics and Planetary Sciences, Tel Aviv University*. Supervised by Alpert P.


LAMPEI C (2010) Annual plant populations under global climate change: their adaptations to aridity and potential for evolution. *Department of Plant Ecology, University of Tübingen*. Supervised by Tielbörger K.


NAVON Y (2007) Plant litter decomposition in natural ecosystems under climate change: an experimental approach along a climatic gradient in Israel. *Department of Molecular Biology and Ecology of Plants, Tel Aviv University* Supervised by Sternberg M.


PRANGE S (ongoing) Feedbacks between vegetation and hydrology with a special view on extreme events in Israel. Department of Vegetation Ecology and Nature Conservation, University of Potsdam. Supervised by Geissler K.


RYSAVY A (2013) Biotic and abiotic effects on species interactions in a water stressed ecosystem: the effect of grazing and rainfall on the establishment and growth of Sarcopoterium spinosum. Supervised by Tielbörger K and Sternberg M.


SCHACHT K (ongoing) Evaluation of soil suitability for wastewater irrigation in the Middle East. Department of Geography, Ruhr-University Bochum. Supervised by Marschner B.


SIEWERT W (ongoing) Modeling extinction risks of plant populations under climate change: a multi-species approach. Supervised by Tielbörger K.

SKUTELSKY O (2012) Biodiversity conservation in biosphere reserves of Israel: the switch from a market led to conservation oriented agriculture. Porter School of Environmental Studies, Tel Aviv University. Supervised by Dayan T.

SPRINGE (2009) Setting biodiversity conservation priorities: an ecological-economic analysis. Dept. of Natural Resource and Environmental Management (NRERC), Haifa University. Supervised by Shechter M and Shitovitz B.


TOMIOLO S (2013) The role of biotic interactions in determining local adaptation to climatic conditions- consequences for adaptation to climate change. Deptartment of Plant Ecology, University of Tübingen. Supervised by Tielbörger K.


ZWIKEL S (2005) Spatial patterns of soil properties that affect water regime (rainfall – overland flow relationships) in ecogeomorphic systems, along a climatic transect, from the Galilee Mountains to the Negev Highlands. Dept. of Geography and Environmental Studies, Bar-Ilan University. Supervised by Lavee H and Sarah P.
EBERHART A (2006) Do siblings avoid each other? An empirical test of the sibling competition hypothesis along a steep climatic gradient. Department of Plant Ecology, University of Tübingen. Supervised by Tielbörger K.


LUTZ M-T (2011) The economic value of mesic mediterranean landscape under global climate change: a case study in the Jordan River basin. Department of Plant Ecology, University of Tübingen. Supervised by Tielbörger K.


SIEWERT W (2008) The dispersal dormancy trade-off in annual plants: putting model predictions to the test. *Department of Plant Ecology, University of Tübingen.* Supervised by Tielbörger K.

ABDEL-KAREEM SS (2005) GIS-Based hydrological modeling of semiarid catchments (The case of Faria Catchment). Water and Environmental Studies Institute (WESI), An-Najah National University. Supervised by Shaheen HQ and Jayyousi AF.


ABU-JALBOUSH AIS (2008) Ecological Investigations on the Terrestrial Biodiversity in the Northern Part of the West Bank (Jenin Area). Department of Biology, Faculty of science and technology, Al-Quds University. Supervised by Saleh A and Ali-Shtayeh MS.

ADSEROL O (2006) Maternal effect in annual plants. Dept. of Plant Ecology, University of Tübingen, ERASMUS programme. Supervised by Tielbörger K and Oran S.


BEN-ISHAI O (2006) Variation in flowering patterns of Asphodelus ramosus along a rainfall gradient. *Faculty for Agriculture, Food and Environment, Hebrew University of Jerusalem.* Supervised by Kigel J.


GABAY O (2003) Soil seed banks and climate change: a reciprocal transplant experiment along a climatic gradient in Israel. *Department of Molecular Biology and Ecology of Plants, Tel Aviv University.* Supervised by Sternberg M.


GHANNAM M (2007) Profitability of Olive and Almond Farming in Palestine: A comparative Study. *Department of Biolog, Faculty of science and technology, Al-Quds University.* Supervised by Saleh A.


GÖTZ H (ongoing) Remote sensing of agricultural areas in Israel for hydrological modelling. *Institute of Geography, University of Heidelberg.* Supervised by Menzel L.


HAERING MA (2008) Vulnerability of Irrigated Agriculture due to Climate Change in the Lower Jordan River Basi. *Faculty of Graduate Studies, The University of Jordan.* Supervised by Salman A and Al-Karablieh E.


HAR-EDOM O (2007) Climate change and community resistance to invasion: a study case with Conyza canadensis along a rainfall gradient. Department of Plant Sciences, Tel Aviv University. Supervised by Sternberg M.

HAUSINGER I (2009) Application and validation of TRAIN at the Yatir forest. Department of Ecological Modelling, University of Bayreuth. Supervised by Menzel L.


KANAS D (2007) Sex ratio changes in Sarcopoterium spinosum (L.) spach: an experimental approach along a rainfall gradient in Israel. Department of Molecular Biology and Ecology of Plants, Tel Aviv University. Supervised by Sternberg M.

KHATATNEH A (aaa2010 - please check entry for mistakes and add the department) Water production in the north western Mujib catchment area. Mu’tah University. Supervised by Oroud IM.

KROTMAN Y (2004) Biodiversity and community structure of Jordan system fishes and their relationship to the habitat structure and anthropogenic impact. Tel Aviv University. Supervised by Dayan T.


MAAITEH M (2010) Jordanian public awareness towards environmental commons. Department of Geography, Mu'tah University. Supervised by Oroud IM.


MARCUS T (2011) Influence of study extent and environmental sources on spatial distribution modeling of mammals in Israel. Department of Zoology, Tel Aviv University. Supervised by Dayan T.

NAIERAT S (2007) The Socio Economic Impact of Using different Irrigation Water qualities in different Farming Systems (The Case of Al Faria”a basin). Department of Development Studies, Al-Quds University. Supervised by Hijawi T.

NAOR R (2011) The impact of the Red-Sea Dead-Sea canal on the Dead-Sea area climate and on the evaporation in Sdom. Porter School, Tel Aviv University. Supervised by Alpert P and Potchter O.

NAWASREH A (2006) The impact of Dead Sea lowering on the geomorphology of selected wadies. Department of Geography, Mu'tah University. Supervised by Oroud IM.

PORAT Y (2011) Different land management practices and their impact on reptile communities. Department of Zoology, Tel Aviv University. Supervised by Dayan T.


RAPPAPORT-ROM M (2007) Economic Assessment of Climate Change Impacts on the Vegetative Agriculture in Israel. Department of Natural Resource and Environmental Management (NRERC), Haifa University. Supervised by Shechter M.


MSc Theses
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SAMOCHA Y (2005) Effects of Capsodes infuscatus on life traits of Asphodelus ramosus populations: an experimental approach along a climatic gradient in Israel. Department of Molecular Biology and Ecology of Plants, Tel Aviv University. Supervised by Sternberg M.


SHAKHASHEER M (2006) Farming and Rural System Analysis in Palestine (The Case of Al Faria Basin). Department of Development Studies, Al-Quds University. Supervised by Hijawi T.


SHILO R (2009) Evolution of agricultural land-use and water consumption in the Jordan Valley; a remote sensing based reconstruction. Department of Geography and Environmental Development, Ben-Gurion University of the Negev. Supervised by Blumberg D and Ben-Asher J.


SHOMRON M (2006) Methods for cooling the greenhouses of leafy crops with relevancy to the crops of lower Jordan river basin. Department of Geography and Environmental Development, Ben-Gurion University of the Negev. Supervised by Blumberg D and Ben-Asher J.

SHWEINShteIN O (2012) Urbanization effects on solar isonolation and aerosol distribution. Department of Geophysical, Atmospheric and Planetary Sciences, Tel Aviv University. Supervised by Alpert P.
TALMON Y (2009) Soil respiration and evaporation responses to precipitation change in Mediterranean and desert ecosystems. Faculty of Agriculture, Food and Environment, Hebrew University of Jerusalem. Supervised by Gruenzweig J and Sternberg M.

TAMIR G (2005) Spatial variability as a new method for evaluation salinity distribution under arid conditions. Department of Geography and Environmental Development, Ben-Gurion University of the Negev. Supervised by Ben-Asher J and Blumberg D.

UZAN L (2007) Investigation of the thermal boundary layer over Hadera from a LAP-3000 profiler under different synoptic and air pollution conditions. Department of Geophysics and Planetary Sciences, Tel Aviv University. Supervised by Alpert P.

VARDI N (2007) The economic value of species diversity in Pinus halepensis community in the Carmel National Park on different times after fire and examining the correlation between precipitations amount and the growth of Pinus halepensis in the first year after fire. Department of Natural Resource and Environmental Management (NRERC), Haifa University. Supervised by Shechter M.

YAGIL I (2008) Correlation between winter precipitation, summer and winter extremes and synoptic systems in the EM region based on a semi-objective classification. Department of Geophysics and Planetary Sciences, Tel Aviv University. Supervised by Alpert P.


BEAUMONT R (2007) The adaptations in germination and life-history traits of annual plant species from different rainfall conditions. Department of Vegetation Ecology, University of Tübingen, ERASMUS programme. Supervised by Tielbörger K.


HOFFMANN Y (2010) Hydrophobicity of desert soils induced by plant residues. Department of Soil and Water Sciences, Hebrew University of Jerusalem. Supervised by Chen Y.

KUGLER D (2011) Der Effekt von Regenmanipulationsexperimenten auf das Keimungsverhalten von mediterranen Pflanzen. Department of Plant Ecology, University of Tübingen. Supervised by Tielbörger K.

LAASER T (ongoing) Does facilitation promote persistence of maladapted ecotype in stressful environments? - A test with dryland annuals. Department of Plant Ecology, University of Tübingen. Supervised by Tielbörger K.

LECHNER N (ongoing) Phenology shifts in annual plants - Distinguishing between plastic response and genetic changes. Department of Plant Ecology, University of Tübingen. Supervised by Tielbörger K.

MÜLLER G (2010) Adaptation to positive interactions in Crithopsis delileana. Department of Plant Ecology, University of Tübingen. Supervised by Tielbörger K.

SCHMID M (2011) Determining the water use efficiency of three plant species after 9 years of rain manipulation in Israel using the carbon isotope composition. Department of Plant Ecology, University of Tübingen. Supervised by Tielbörger K.

WEBER B (2011) Intraspezifische Unterschiede in Linum strictum und Linum corymbulosum nach neun Jahren Niederschlagsmanipulation? Department of Plant Ecology, University of Tübingen. Supervised by Tielbörger K.