

Name: *Idan Kopler*

Date: *November 30, 2017*

CURRICULUM VITAE

1. **Personal Details**

Permanent Home Address: Kibbutz Geshur, 12942, RAMAT HAGOLAN

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2. **Higher Education**

a. **Undergraduate and Graduate Studies**

Period of Study	Name of Institution and Department	Degree
2003-2006	University of Haifa, Department of Geography and Environmental Studies	B.A.
2006-2009	University of Haifa, Department of Geography and Environmental Studies	M.A.
2010-2014	University of Haifa, Department of Geography and Environmental Studies	Ph.D.

b. **Post-Doctoral Studies**

Period of Study	Name of Institution and Department/Lab	Name of Host
2016-present	Shamir Research Institute, Ecology and Environment research team	Dr. Dan Malkinson

3. Academic Ranks and Tenure in Institutes of Higher Education

Years	Name of Institution and Department	Rank/Position
2014-present	Golan Research Institute, Ecology and Environment research team	Researcher

4. Offices in Academic Administration

Not Applicable

5. Scholarly Positions and Activities outside the University

Years	Memberships in Academic Professional Associations
2012-present	Israel Society for Ecology and Environmental Sciences (ISEES)
2012-present	Israel Geographical Association (IGA)
2015-present	Israel Association of Water Resources (IAWR)
2016-present	Israel Soil Sciences Society (ISSS)

Years	Editorial Assignments
	None

Years	Reviewing for Refereed Journal
	None

Years	Reviewing for Fund Agencies
	None

Years	Public Activities
2010-present	Member of the Golan Regional Council environmental committee

6. Active Participation in Scholarly Conferences

a1. International Conferences - Held Abroad

NA

a2. International Conferences - Held in Israel

Date	Name of Conference	Place of Conference	Subject of Lecture/Discussion	Role
2009	Israel Geographic Society - 50 th annual conference	University of Haifa	The effects of protective enclosures and habitat fragmentation on large mammals activities in Ramat Hagolan	Lecturer
2012	Israel Society for Ecology and Environmental Sciences – 40 th annual conference	University of Tel Aviv	Forest Structure and the Hydrological Cycle in Planted Forests – Water Management Implications	Poster
2015	Israel Society for Water Resources - annual conference	Benyamina Winery, Benyamina	Soil water content and water storage dynamics in two <i>Quercus</i> stands along a climatic gradient	Lecturer
2016	Israel Society for Soil Sciences – annual conference	Golan Field School, Qazrin	Spatio-temporal alterations in soil moisture content in two <i>Quercus</i> stands along a climatic gradient in the Golan Heights	Lecturer
2016	Israel Geographic Society - 57 th annual conference	University of Tel Aviv	Die-off and death in the oak stands in the Golan Heights – preliminary results	Lecturer
2017	Israel Geographic Society - 58 th annual conference	Ben-Gurion University of the Negev	Die-off and death in the oak stands in the Golan Heights – intermediate results	Lecturer

a3. Local Conferences

Date	Name of Conference	Place of Conference	Subject of Lecture/Discussion	Role
2014	"Nature in the Golan" - 9 th annual conference	Ohalo academic college, Qazrin	The effects of protective enclosures and habitat fragmentation on large mammals activities in Ramat Hagolan	Lecturer
2016	Society, History, Agriculture and	Ohalo academic college in Qazrin	The phenomena of trees dryness and death in the oak stands in the Golan Heights	Lecturer

	Environment in the Golan and the Hermon – Innovations in Research			
2017	MAPAK 2016 Researchers Seminar Day	VOLCANI Institute, Beit-Dagan	Development of spatial model for treatment prioritization of <i>Acacia saligna</i> in Sha'ar Hagay	Co- presenter
2017	Galil Researches – 19 th annual conference	Tel-Hai college	Die-off and death in the oak stands in the Golan Heights – preliminary results	Lecturer
2017	Hermon and Its Foothills	Usishkin House, Kibbutz Dan	Water in Hermon	Chairperson

b. Organization of Conferences or Sessions

NA

7. Invited Lectures (Others than in Scholarly Conferences)

Abroad

NA

In Israel

NA

8. Colloquium Talks

NA

9. Research Grants

a. Grants Awarded

Role in Research	Other Researchers (Name & Role)	Title	Funded by (C= Competitive Fund)	Amount	Years
PI	Dan Malkinson CI Moshe Reuveni CI	Oak stands decline and mortality in the Golan Heights –	Ministry of Science, Technology and Space ©	250,000 NIS	2016

	Nir Herr CI	initial survey and the role of biotic and a-biotic factors			
CI	Dan Malkinson PI Dany Leska CI Lea Wittenberg PI	Soil management: effects on runoff and erosion in nested scales	Ministry of Agriculture & Rural Development ©	280,000 NIS	2016
PI	Dan Malkinson CI Nir Herr CI Mery Dafni-Yelin CI	Drought-induced ecophysiological determinants and their effect on tree mortality and forest die-off in the Golan Heights - a multiscale regional approach	Ministry of Science, Technology and Space ©	250,000 NIS	2018

b. Submission of Research Proposals – Pending

Role in Research	Other Researchers (Name & Role)	Title	Funded by (C= Competitive Fund)	Years
PI	Asaf Chen CI Nir Herr CI Moshe Meron CI Oded Bar-Shalom CI	Big data based decision support tool for management of declining forest stands	KKL-JNF, Forest Department	2018

10. Scholarships, Awards and Prizes

NA

11. Teaching

a. Courses Taught in Recent Years

Years	Name of Course	Type of Course Lecture/Seminar/ Workshop/ Online Course/ Introduction Course (Mandatory)	Level	Number of Students
2016-present	Introduction to Environmental sciences	Lecture	Undergraduate	445

2016- 2017	Introduction to Environmental sciences	Online Course	Undergraduate	112
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PUBLICATIONS

A. Ph.D. Dissertation

Title: *Forest Morphology and the Hydrological Cycles in Forest Stands*

Date of Submission: 31/12/2014

Number of Pages: 210

Language: English

Name of Supervisor: Dr. Lea Wittenberg and Dr. Dan Malkinson

University: Haifa, Israel

Publications: None

B. Scientific Books (Refereed)

NA

C. Monographs

NA

D. Articles in Refereed Journals

NA

E. Articles or Chapters in Scientific Books (Refereed)

NA

F. Articles in Conference Proceedings

NA

G. Entries in Encyclopedias

NA

H. Other Scientific Publications

Malkinson, D. and I. **Kopler**. 2009. The effects of protective enclosures and habitat fragmentation on large mammals' activities in Ramat Hagolan. Final scientific report for the period 2006-2009 submitted to Israeli Park and Nature Authority (in Hebrew).

Kopler, I., Malkinson, D. and. Witenberg, L. 2012. Forest Structure and the Hydrological Cycle in Planted Forests – Water Management Implications. Final scientific report for the period 2009-2012, GRANT NO. 3-6047, submitted to Israeli Ministry of science (in Hebrew).

Cohen, O. and **Kopler, I. 2016.** Prioritization to eradication of *Accacia Saligna* in Judea Mts. National Garden - Scientific report submitted to NPA (in Hebrew).

I. Other Works and Publications

Kopler, I. 2016. Bioresearch in planted forest – Ecological report. Educational program submitted to GALILIUM Youth Educational center.

J. Submitted Publications

Kopler, I. and Malkinson, D. Differential response of mammals to agricultural fences – the effects of species body size and agility. *Basic and Applied Ecology*.

Kopler, I., Herr, N., Dafni Yelin, M. and Malkinson, D. Biotic and abiotic factors and their involvement in Oak trees decline and mortality phenomenon in the Golan Heights. *Horizons in Geography*.

Kopler, I., Malkinson, D., Burg, D. and Wittenberg, L. Modeling soil water storage response in two diverse Quercus forests along a Mediterranean climatic gradient. *Journal of Hydrology*.

Kopler, I., Wittenberg, L. and Malkinson, D. An investigation to sap flow traits and transpiration trends of co-occurring *Q. calliprinos* Webb. and *Q. boissieri* Reut. in an elevated mixed oak woodland. *Agricultural and Forest Meteorology*.

K. Summary of my Activities and Future Plans

Since my M.A. I have been interested and focused on the complex ecosystem of the Golan Heights. While my M.A. thesis concentrated on repercussions of anthropogenic-induced fragmentation processes, my Ph.D. dissertation and current Post-Doc research focus on the forest ecosystems in the Golan Heights. Particularly, my studies investigate the water cycles in forest stands and their response to emerging and on-going environmental processes such as climate change and its derived phenomenon such as forest decline and tree mortality. I have a growing interest in the field of Forest

pathology, and its connection to ecological processes. I implement advanced field-based methods and laboratory work along with state of the art statistical analyses to investigate my field of interest.

In Preparation

Kopler, I., Malkinson, D. and Wittenberg, L. Land-cover and forest water balance–
Naïve simulations of two oak stands in Northern Israel.