

## Στοιχεία Βιογραφικού Σημειώματος Θεοδώρου Μαυρομάτη

Ημερομηνία και τόπος γέννησης	19-12-1967, Θεσ/νίκη
Οικογενειακή κατάσταση	Έγγαμος με δύο τέκνα

### I. Εκπαίδευση:

1986-1991	Πτυχίο Γεωλογίας, Α.Π.Θ (με βαθμό 8.17).
1993-1997	PhD, Climate Research Unit, School of Environmental Sciences, University of East Anglia, Norwich, Μεγάλη Βρετανία. <b>Διδακτορική διατριβή με θέμα</b> "Impact of Different Methods of Climate Change Scenario Construction on the Yield Distributions of Winter Wheat Using Crop Growth Simulation Models"

### II. Επαγγελματική Εμπειρία:

2/1997-10/1998	Μεταδιδακτορικός ερευνητής - υπότροφος ( <i>Postdoctoral research fellow</i> ) στο National Center for Atmospheric Research (NCAR). Boulder (CO) U.S.A
10/1998-7/2001	Μεταδιδακτορικός ερευνητής στο University of Florida, U.S.A
6/2004 – 3/2009	Λέκτορας του Τομέα Μετεωρολογίας και Κλιματολογίας του Τμήματος Γεωλογίας της Σχολής Θετικών Επιστημών του Α.Π. Θ.
3/2009 – 7/2015	Επίκουρος Καθηγητής του Τομέα Μετεωρολογίας και Κλιματολογίας του Τμήματος Γεωλογίας της Σχολής Θετικών Επιστημών του Α.Π. Θ.
7/2015 – σήμερα	Αναπληρωτής Καθηγητής του Τομέα Μετεωρολογίας και Κλιματολογίας του Τμήματος Γεωλογίας της Σχολής Θετικών Επιστημών του Α.Π. Θ.

### III. Δημοσιεύσεις σε Διεθνή Περιοδικά με Κριτές

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**Mavromatis, T.**, Boote, K.J., Jones, J.W., Wilkerson, G.G. and Hoogenboom, G., 2001. Repeatability of model genetic coefficients derived from soybean performance trials across different states, *Crop Science*, 42, 76-89.

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**Mavromatis, T.**, Jagtap, S.S., and Jones, J.W., 2002. El Nino-Southern Oscillation effects on peanut yield and nitrogen leaching, *Climate Research*, 22, 129-140.

Welch, S.M., Wilkerson, G.G., Whiting, K., Sun, N., Vagts, T., Buol, G., and **Mavromatis, T.**, 2002. Estimating model genetic coefficients from private-sector variety performance trial data. *Transactions of the ASAE*, 45(4), 1163-1175.

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Tsvetsinskaya, E.A., Mearns, L.O., **Mavromatis, T.**, Gao, W., McDaniel, L.R., and Downton, M.W., 2003. The effect of spatial scale of climate change scenarios on simulated maize, winter wheat, and rice production in the southeastern United States. *Climatic Change*, 60, 37-72.

**Mavromatis, T.**, and Jagtap, S.S., 2005. Estimating solar radiation for crop modeling using temperature data from urban and rural stations. *Climate Research*, 29(3), 233-243.

**Mavromatis, T.**, 2007. Drought index evaluation for assessing future wheat production in Greece. *International Journal of Climatology*, 27, 911-924.

**Mavromatis, T.**, and Voudouris, K., 2007. Relationships between hydrological parameters using correlation and trend analysis in Crete Island. *Journal of Environmental Hydrology*, 15(29), 1-13.

Voudouris, K., **Mavromatis, T.**, and Antonakos A., 2007. Hydrologic balance estimation using GIS in Korinthia prefecture, Greece. *Advances in Science and Research*, 1, 1-8.

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Papakostas K., Michopoulos, A., **Mavromatis T.** and Kyriakis N., 2013. Changes of temperature data for energy studies over time and their impact on energy consumption and CO<sub>2</sub> emissions. The case of Athens and Thessaloniki – Greece. *International Journal of Energy and Environment*, 4, 59-72

Charalampopoulos A., Damialis A., Tsiripidis I., **Mavromatis T.**, Halley J.M., Vokou D., 2013. Pollen production and circulation patterns along an elevation gradient in Mt Olympos (Greece) National Park, *Aerobiologia*, 29, 455-472

Koufos G, **Mavromatis T**, Koundouras S, Fyllas N, Jones G, 2014. Viticulture-Climate relationships in Greece: the impacts of recent climate trends on harvest date variation. *International Journal of Climatology*, 34, 1445-1459

**Mavromatis T.**, 2014. Pre-season Prediction of Regional Rainfed Wheat Yield in Northern Greece with CERES-Wheat. *Theoretical and Applied Climatology*, 117, 653-665

**Mavromatis T.**, 2015. Crop–Climate Relationships of Cereals in Greece and the Impacts of Recent Climate Trends. *Theoretical and Applied Climatology*, 417–432.

**Mavromatis T.**, 2016. Spatial resolution effects on crop yield forecasts: An application to rainfed wheat yield in north Greece with CERES-Wheat, *Agricultural Systems*, 143, 38–48. 4.2.32 Koufos G, Mavromatis T, Koundouras S, Jones G, 2018.

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**Mavromatis T** and Voulanas D, 2020. Evaluating ERA-Interim, Agri4Cast and E-OBS gridded products in reproducing spatiotemporal characteristics of precipitation and drought over a data poor region: The Case of Greece, *International Journal of Climatology*, 41(3), 2118-2136.

Pantelidis G, **Mavromatis T**, Drogoudi P, 2021. Consecutive wet days may impede fruit quality of peach and nectarine and cause fruit drop, *Scientia Horticulturae*, 282, 110011. 4.2.34

#### IV Αναγνώριση επιστημονικού έργου (accessed 5/5/21)

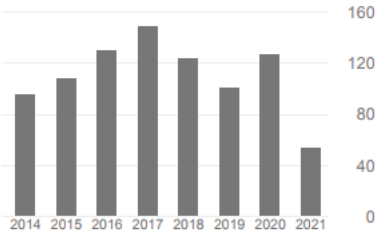
Google Μελετητής ΕΙΣΟΔΟΣ



**Theodoros Mavromatis**  
Aristotle University of Thessaloniki  
Η διεύθυνση ηλεκτρονικού ταχυδρομείου έχει επαληθευτεί στον τομέα geo.auth.gr  
Agroclimatology Crop modelling Climate change

[ΠΑΡΑΚΟΛΟΥΨΗ](#)  
[ΛΗΨΗ ΤΟΥ ΔΙΚΟΥ ΜΟΥ ΠΡΟΦΙΛ](#)

Παρατίθεται από	ΠΡΟΒΟΛΗ ΟΛΩΝ	
	Όλα	Από το 2016
Παραθέσεις	1676	680
h-index	18	14
i10-index	26	15



ΤΙΤΛΟΣ	ΠΑΡΑΤΙΘΕΤΑΙ ΑΠΟ	ΕΤΟΣ
<a href="#">Comparative responses of EPIC and CERES crop models to high and low spatial resolution climate change scenarios</a> LO Meams, T Mavromatis, E Tsvetsinskaya, C Hays, W Easterling Journal of Geophysical Research: Atmospheres 104 (D6), 6623-6646	182	1999
<a href="#">Developing genetic coefficients for crop simulation models with data from crop performance trials</a> T Mavromatis, KJ Boote, JW Jones, A Irmak, D Shinde, G Hoogenboom Crop Science 41 (1), 40-51	177	2001
<a href="#">Drought index evaluation for assessing future wheat production in Greece</a> T Mavromatis International Journal of Climatology: A Journal of the Royal Meteorological ...	164	2007
<a href="#">Response of the water balance in Greece to temperature and precipitation trends</a> T Mavromatis, D Stathis Theoretical and Applied Climatology 104 (1), 13-24	131	2011
<a href="#">Interannual variability characteristics and simulated crop response of four stochastic weather generators</a> T Mavromatis, JW Hansen Agricultural and forest meteorology 109 (4), 283-296	110	2001

#### V Διδακτικό έργο

Σε προπτυχιακό επίπεδο

- Ιστορική Κλιματολογία με Στοιχεία Παλαιοκλιματολογίας (Τμήμα Γεωλογίας).
- Υδρομετεωρολογία (Τμήμα Γεωλογίας)
- Ξενογλώσση Γεωλογική Ορολογία I και II (Τμήμα Γεωλογίας)
- Εισαγωγή στην Μετεωρολογία και Κλιματολογία (Τμήμα Μαθηματικών)
- Μετεωρολογία και Κλιματολογία (Τμήμα Δασολογίας και Φυσικού Περιβάλλοντος)
- Μετεωρολογία - Κλιματολογία (Τμήμα Βιολογίας)

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Σε μεταπτυχιακό επίπεδο

- *Αγρομετεωρολογία (στο Π.Μ.Σ του Τμήματος Γεωλογίας: Μετεωρολογίας – Κλιματολογίας & Ατμοσφαιρικό Περιβάλλον του τομέα Μετεωρολογίας – Κλιματολογίας)*
- *Κλιματικές Μεταβολές (στο Π.Μ.Σ του Τμήματος Γεωπονίας: Αειφορικά Γεωργικά Παραγωγής και Κλιματική Αλλαγή, υποχρεωτικό μάθημα)*