

**Christina Anagnostopoulou**  
*Associate Professor*  
*School of Geology*  
*Aristotle University of Thessaloniki*

**Curriculum Vitae**

**RESEARCH AND TEACHING EXPERIENCE**

**AND**

**PAPER ABSTRACTS**

*Thessaloniki, 2021*

## CURRICULUM VITAE

Dr. Christina Anagnostopoulou

### PERSONAL DETAILS

---

|                      |   |
|----------------------|---|
| Surname/Family Name: | <b>Anagnostopoulou</b>  |
| First name:          | <b>Christina</b>  |
| Sex:                 | <b>Female</b>   |
| Nationality:         | <b>Hellenic</b>   |
| Date of Birth:       | <b>May 12, 1972</b>   |
| Place of Birth:      | <b>Larissa, Greece</b>  |
| Marital Status:      | <b>Married, 1 child</b>   |
| Home Address:        | <b>Delfon 169, 54248, Thessaloniki Greece</b>   |
| Telephone:           | <b>+30 2310 323236</b>  |
| Office Address:      | <b>Department of Meteorology and Climatology, School of Geology, Aristotle University of Thessaloniki, University Campus, 54124, Thessaloniki, Greece</b> |
| Telephone:           | <b>+30 2310 998414</b>  |
| Mobile telephone:    | <b>+30 6937 000764</b>  |
| E-mail Address:      | <b>chanag@geo.auth.gr</b>   |
| Current Position:    | <b>Assistant Professor, Department of Meteorology and Climatology, School of Geology, Aristotle University of Thessaloniki</b>                            |

## EDUCATION

- 2003:** **Doctor** at Climatology, Department of Meteorology and Climatology, School of Geology, Aristotle University of Thessaloniki.
- Thesis Topic: A study of drought in the Greek region
- 1999:** **MSc.** in Meteorology-Climatology, Aristotle University of Thessaloniki (AUTH), Greece.
- MSc dissertation: Spatial – temporal distribution of the agro-meteorological parameters in a part of central Macedonia
- 1996:** **BSc.** in Geology, Faculty of Sciences, Aristotle University of Thessaloniki, Greece.  
Diploma Thesis: Study of the atmospheric hydro-wastes in the Greek region

## WORK EXPERIENCE

- 2017 present** - Associate Professor, Aristotle University of Thessaloniki (AUTH) Greece.
- 2010 - 2016** Assistant Professor, Aristotle University of Thessaloniki (AUTH) Greece.
- 2005-2010** Lecturer, Aristotle University of Thessaloniki (AUTH), Greece.
- 1998-2005** Research Associate, Aristotle University of Thessaloniki (AUTH), Greece.

## RESEARCH EXPERIENCE in PROJECTS

- 1996 "Climate Change in Agriculture»  
(AUTH P.I.: T. Karacostas)
- ACCORD  
1998-1999 «Atmospheric circulation classification and regional downscaling (ACCORD)»  
(AUTH P.I.: P. Maheras)
- STARDEX  
2002-2005 STARDEX: Statistical and Regional dynamical Downscaling of Extrêmes for European regions  
A research project supported by the European Commission under the Fifth Framework Programme and contributing to the implementation of the Key Action "Global change, climate and biodiversity" within the Environment, Energy and Sustainable Development (Contract no: EVK2-CT-2001-00115) (AUTH P.I.: P. Maheras)
- PYTHAGORAS  
2004-2006 PYTHAGORAS: Spatial-temporal study of the relationships between the extreme weather – climate conditions and the atmospheric circulation in the Greek region, during the second half of the 20<sup>th</sup> century.  
Research Project (EPEAEK) funded by the National Ministry of Education and Religion Affairs and the European Community. (AUTH P.I.: P. Maheras)
- GABARDINE  
2005 - 2009 GABARDINE: Groundwater Artificial recharge Based on Alternative sources of water: aDvAnced INtegrated technologies and management  
A STREP Project Funded by the European Commission under the Sustainable Development, Global Change and Ecosystems Thematic Contract Number: 518118-1 (AUTH P.I.: P. Maheras)
- ENSEMBLES  
2004-2009 ENSEMBLE-based Predictions of Climate Changes and their Impacts  
The ENSEMBLES project (contract number GOCE-CT-2003-505539) is supported by the European Commission's 6th Framework Programme as a 5

|   |  |
|---|--|
|   | year Integrated Project from 2004-2009 under the Thematic Sub-Priority "Global Change and Ecosystems".ENSEMBLES Research Themes RT4 Understanding the process governing climate variability and change, climate predictability and the probability of extreme events. (AUTH P.I.: P. Maheras)  |
| 1 <sup>st</sup> Latsis Summer School 2009 | 1st Latsis Foundation Summer School: Environment- Climate Change – Impacts», Athens 8-18 July 2009. Funded by the John S. Latsis Public Benefit Foundation Contract Number: 84161 (AUTH P.I.: C. Anagnostopoulou)  |
| CCWaters 2009-2010                        | South East Europe_CCWaters – Climate Change and their impact in Water The CCWaters Project is supported by Means of the European Regional Development Fund (ERDF), (AUTH P.I: M. Vafeiadis)  |
| THALIS CCSEAWAVS 20012-2015:              | CCSEAWAVS Estimating the effects of Climate Change on Sea level and Wave climate of the Greek seas, coastal Vulnerability and Safety of coastal and marine structures<br>The CCSEAWAVS project (contract number 83593) is supported by the European Commission's and GRST (Hellenic General Secretariat for Research and Technology) (AUTH P.I: P. Prinos) |
| EEA Grants 20015-2017:                    | Improving the knowledge in determining the minimum water level and flow of water bodies<br>The project (contract number 91967) is supported by the EEA Grants and the Ministry of Environment and Energy (AUTH P.I: A. Zafeirakou)   |
| Agroclima 2020-2021                       | Analysis the impact of cimate change on vegetable crops<br>The project (contract number 71079) is supported by the AFS-American Farm School (AUTH P.I: C. Anagnostopoulou)   |

#### DETAILS OF TEACHING ACTIVITIES

---

|           |  |
|-----------|--|
| 2017-2020 | Teaching (Associate Professor) in Master courses<br>Course1: Synoptical and Dynamical Climatology (Master course, school of Geology, AUTH)<br>Course 2: Software development (Master course, School of Geology, AUTH)<br>Course 3: Mediterranean Climate (Master course, School of Geology, AUTH)<br>Course 4: Climatology, climate change (Sort Course: "Natural Hazards under climate change" Hellenic Open University)<br>Course 5: Climatic changes and evolution of land Ecosystems during the Cenozoic (Master course "Palaeontology-Geobiology", School of Geology, AUTH)<br>Course 6: Climate Change (Master course "Sustainable Agricultural Production Systems and Climate Change", School of Agriculture, AUTH) |
|           | Teaching (Associate Professor) in undergraduate<br>Course 1: General Climatology – Mediterranean and Greek climate (undergraduate course, school of Geology, AUTH)<br>Course 2: Applied and Dynamical Climatology (undergraduate course, school of Geology, AUTH)<br>Course 3: Software development (undergraduate course, school of Geology, AUTH)<br>Course 4: Statistic (undergraduate course, school of Geology, AUTH)   |

- 2010-2016 Teaching (Assistant Professor) in undergraduate and Master course in the school of Geology, AUTH  
 Course1: Synoptical and Dynamical Climatology (Master course)  
 Course 2: Software development (Master course)  
 Course 3: Applied Climatology (Master course)  
 Course 4: General Climatology – Mediterranean and Greek climate (undergraduate course)  
 Course 5: Applied and Dynamical Climatology (undergraduate course)\
- 2006-2010 Teaching (Lecturer) in undergraduate and Master course in the school of Geology, AUTH  
 Course1: Synoptical and Dynamical Climatology (Master course)  
 Course 2: Software development (Master course)  
 Course 3: Applied Climatology (Master course)  
 Course 4: General Climatology – Mediterranean and Greek climate (undergraduate course)  
 Course 5: Applied and Dynamical Climatology (undergraduate course)\
- 2005-2006 Assistant- Teaching in undergraduate course in the school of Geology, AUTH  
 Course1: Synoptical and Dynamical Climatology.  
 Course 2: Software development  
 Course 3: General Climatology – Mediterranean and Greek climate  
 Course 4: Applied and Dynamical Climatology  
 Course 5: Atmospheric pollution and Climate Change  
 Teaching in the Geotechnical School, University of Thessaly  
 Course1: Agrometeorology.  
 Teaching in the School of Military Meteorologists (Airforce – Sedes) Thessaloniki  
 Course1: Climatology – Agro-meteorology.
- 2004-2005 Assistant- Teaching in undergraduate course in the school of Geology, AUTH  
 Course1: Synoptical and Dynamical Climatology.  
 Course 2: Software development  
 Course 3: General Climatology – Mediterranean and Greek climate  
 Course 4: Applied and Dynamical Climatology  
 Course 5: Atmospheric pollution and Climate Change  
 Teaching in the Geotechnical School, University of Thessaly  
 Course1: Agrometeorology.  
 Teaching in the School of Military Meteorologists (Airforce – Sedes) Thessaloniki  
 Course1: Climatology – Agro-meteorology.
- 2003-2004 Teaching in the Geotechnical School, University of Thessaly  
 Course1: Agrometeorology.  
 Course 2: Bioclimatology  
 Teaching in the School of Military Meteorologists (Airforce – Sedes) Thessaloniki  
 Course1: Climatology – Agro-meteorology.
- 2002-2003 Teaching in the Department of Forestry – TEI Larissa  
 Course1: Geology  
 Course2: Meteorology - Climatology  
 Teaching in the School of Military Meteorologists (Airforce – Sedes) Thessaloniki  
 Course1: Meteorology.
- 2001-2002 Teaching in the Department of Forestry – TEI Larissa  
 Course1: Geology  
 Course2: Meteorology - Climatology  
 Teaching in the School of Military Meteorologists (Airforce – Sedes) Thessaloniki  
 Course1: Climatology.

|              |   |
|--------------|---|
| 2000-2001    | Department of Forestry – TEI Larisa<br>Course1: Geology<br>Course2: Meteorology - Climatology   |
| 1997 - 2000: | Assistant- Teaching in undergraduate course in the school of Geology, AUTH<br>Course1: Meteorology<br>Course2: Meteorology - Climatology<br>Course3: Climatology – Climatic Analysis (Master course). |

#### DETAILS OF STUDENT SUPERVISION 2006 - PRESENT

---

- Dr. Georgia Lazoglou  
Finished date: January 2020  
Start date: March 2016  
Title: “Study, statistical modelling and forecast of climate extremes in Mediterranean Basin”
- Dr. Efi Rousi  
Finished date: December 2014  
Thesis: “Estimation of future climate change in the Mediterranean using Regional Climate Models”
- Maria Kerasilidou, Msc  
Finished Year: 2020,  
Title: “The impact of the Madden Julian Oscillation (MJO) on Europe's climate”
- Melina Mourouzi, Msc  
Finished Year: 2020,  
Title: “The impact of climate change on tourism in the Mediterranean region”
- Melina Mourouzi, Msc  
Finished Year: 2019,  
Title: “Climate and forest fires. Fire risk assessment in Greece using a regional climate model”
- Athina Tsavdari, Msc  
Finished Year: 2019,  
Title: “Air masses climatology over Thessaloniki”
- Socratis Lappos, Msc  
Finished Year: 2018,  
Title: “Development of a digital meteorological information database, for the management of water resources, in the Aliakmonas river basin”
- Alexandros Filidis, Msc  
Finished Year: 2018,  
Title: “Study of the European surface temperatures over the last millennium”
- Georgia Lazoglou, Msc  
Finished Year: 2015,  
Title: “Regional study of the effect of climate changes in the Greek viticulture”
- Fotini Anagnostou, Msc  
Finished Year: 2015,

Title: "Study of climatic changes in the water balance in the region of Macedonia"

- Christos Vagenas, Msc  
Finished Year: 2014,  
Title: "Climatological study of winds over the Greek seas and estimates of future changes using a regional climate model."
- George Zittis, Msc  
Finished Year: 2010,  
Title: "On relationship between teleconnection indices and precipitation in Cyprus"
- Georgia Terzi, Msc  
Finished Year: 2010,  
Title: "Evaluation and analysis of the E-OBS ENSEMBLES database: extreme precipitation indices in the eastern Mediterranean"
- Simela Karipidou, Msc  
Finished Year: 2009,  
Title: "Statistical analysis of the extreme daily precipitation for selected European stations during the last 100 years"

#### PARTICIPATION – SPEECHES – PRESENTATIONS IN INTERNATIONAL AND NATIONAL SCIENTIFIC MEETINGS AND CONFERENCES

---

- 2019** 32<sup>o</sup> Conference of Association Internationale de Climatologie-AIC, Thessaloniki 2019 (Presentations)  
The impact of climate change on viticulture in Greek region. American Farm School, Thessaloniki, Greece, January 2019.
- 2018** 14<sup>th</sup> Pan-Hellenic (International) Conference in Meteorology Climatology and Atmospheric Physics COMECAP 2018, Alexandroupoli 2018. (Presentations)
- 2017** EEA grants project "Improving the knowledge in determining the minimum water level and flow of water bodies" Final meeting, Kavala, Greece, March 2017.
- 2016** EEA grants project "Improving the knowledge in determining the minimum water level and flow of water bodies" 2<sup>nd</sup> meeting, Thessaloniki, Greece, November 2016.  
13<sup>th</sup> Pan-Hellenic (International) Conference in Meteorology Climatology and Atmospheric Physics COMECAP 2016, Thessaloniki 2016. (Presentations)
- 2015** THALIS CCSEAWAVS project "Estimating the effects of Climate Change on Sea level and Wave climate of the Greek seas, coastal Vulnerability and Safety of coastal and marine structures". Final Meeting, Thessaloniki, November 2015.
- 2014** THALIS CCSEAWAVS project "Estimating the effects of Climate Change on Sea level and Wave climate of the Greek seas, coastal Vulnerability and Safety of coastal and marine structures" 2<sup>nd</sup> Annual meeting, Mytilene, Greece, February 2014  
12<sup>th</sup> Pan-Hellenic (International) Conference in Meteorology Climatology and Atmospheric Physics COMECAP 2014, Heraklio 2014. (Presentations)  
10<sup>th</sup> International Congress of the Hellenic Geographical Society, Thessaloniki 2014 (Presentation).
- 2013** 11th General Assembly 2013, European Geosciences Union – EGU 2013, Vienna, Austria, April 2013 (Presentations).

- THALIS CCSEAWAVS project “Estimating the effects of Climate Change on Sea level and Wave climate of the Greek seas, coastal Vulnerability and Safety of coastal and marine structures”  
1st Annual meeting, Athens, Greece, February 2013
- 2012** 11<sup>th</sup> Pan-Hellenic (International) Conference in Meteorology Climatology and Atmospheric Physics COMECAP 2012, Athens 2012. (Presentations)  
THALIS CCSEAWAVS project “Estimating the effects of Climate Change on Sea level and Wave climate of the Greek seas, coastal Vulnerability and Safety of coastal and marine structures”  
Kick off meeting, Thessaloniki, Greece, March 2012
- 2010** 11th Annual Meeting of the EMS / 8th ECAC, Zurich, September 2010 (Presentation)  
10<sup>th</sup> Pan-Hellenic (International) Conference in Meteorology Climatology and Atmospheric Physics COMECAP 2010, Patra 2010. (Presentations)
- 2009** 1st Latsis Foundation Summer School: Environment- Climate Change – Impacts, Athens  
8-18-Ιουλίου 2009  
GABARDINE (Groundwater Artificial recharge Based on Alternative sources of water: aDvanced INtegrated technologies and management), Final meeting, Goettingen, Germany May 2009  
9<sup>th</sup> Pan-Hellenic (International) Conference in Meteorology Climatology and Atmospheric Physics-COMECAP 2008Thessaloniki, 2008. (Presentations)
- 2008** ESF- MedCLIVAR Workshop “Regional climate modelling and regional climate change”, Trieste  
13-15 October 2008, H195,  
Invited Speaker “ Understanding detecting and comparing extreme precipitation changes over Mediterranean using climate models”  
GABARDINE (Ground Artificial recharge Based on Alternative sources of water: advanced integrated technologies and management) Sixth Consortium Meeting, 18-20 June, Liege, Belgium 2008
- 2006** GABARDINE (Ground Artificial recharge Based on Alternative sources of water: advanced integrated technologies and management) Sixth Consortium Meeting, Haifa, Israel, 2006  
EGU (European Geosciences Union) 2006, Vienna, April 2006 (2 Presentations)  
8<sup>th</sup> Pan-Hellenic (International) Conference in Meteorology Climatology and Atmospheric Physics. Athens, 2006. (Presentations)
- 2005** Seminar under the frame of PYTHAGORAS project “Research Methodology”  
Seminar under the frame of PYTHAGORAS project “Transfer of Technology”  
ENSEMBLES. First General Assembly, Athens, Greece, 2005  
EGU (European Geosciences Union) 2006, Vienna, April 2005 (presentation)  
STARDEX (Statistical and Regional dynamical Downscaling of Extreme for European regions), 6<sup>th</sup> meeting, FIC Madrid, Spain February 2005.
- 2004** Seminar under the frame of PYTHAGORAS project “Management of the Project”  
Seminar under the frame of PYTHAGORAS project “Development of creative thinking”  
STARDEX (Statistical and Regional dynamical Downscaling of Extreme for European regions), 5<sup>th</sup> meeting, ARPA Bologna, Italy May 2004.  
Swiss NCCR Climate Summer School, 29 August – 3 September 2004 on Monte Verità (Ascona), Switzerland. Topics: A) Pertinent aspects of climate physics B) Climate phenomena and processes at seasonal to decadal time ranges C) Assessments of predictability and approaches to prediction D) Associated impacts to climate change on society and economy’s vulnerability. (2 presentations (poster))  
7<sup>th</sup> Pan-Hellenic (International) Conference in Meteorology Climatology and Atmospheric Physics. Cyprus, September 2004. (presentations)
- 2003** STARDEX (Statistical and Regional dynamical Downscaling of Extreme for European regions), 4<sup>th</sup> meeting, ETH Interlaken, Switzerland October 2003.  
STARDEX (Statistical and Regional dynamical downscaling of Extremes for European Region). 3<sup>rd</sup> Meeting, ARPA Bologna, Italy, May 2003

- 2002** STARDEX (Statistical and Regional dynamical Downscaling of Extreme for European regions), start – up meeting, UEA Norwich, UK February 2002.
- 2002** STARDEX (Statistical and Regional dynamical Downscaling of Extreme for European regions), 2<sup>nd</sup> meeting, DMI Copenhagen, Denmark October 2002.
- 2002** 6<sup>th</sup> Hellenic Conference in Meteorology Climatology and Atmospheric Physics. Ioannina 2002 (1 presentation)
- 2000** 5<sup>th</sup> Hellenic Conference in Meteorology Climatology and Atmospheric Physics. Thessaloniki 2000(presentation)
- 1998** ACCORD (Atmospheric circulation classification and regional downscaling), Final Meeting, Thessaloniki, Greece
- 1998** Seminar entitled “ Introduction to the services of a data network” Aristotle University of Thessaloniki (EPEAEK 1998)
- 1998** 4<sup>th</sup> Hellenic Conference in Meteorology Climatology and Atmospheric Physics. Athens 2000 (presentation)
- 1994** 2<sup>th</sup> Hellenic Conference in Meteorology Climatology and Atmospheric Physics. Thessaloniki 2000
- 1994** 7<sup>th</sup> conference of the Hellenic Geological Union “emphasis in geology of Macedonia and Thrace) Thessaloniki, 25-27 of May 1994

---



---

 PAPERS - PUBLICATIONS
 

---

 1. PAPERS
 

---

- Phd thesis «A study of drought in the Greek region” (In greek, extended English abstract)

## 1. PAPERS IN SCIENTIFIC JOURNALS, BOOKS and Special Issues

| Title   | Impact Factor | Cited      |
|---|---------------|------------|
| 1. Maheras P., Kutiel H., Patrikas J., Floca E. et <b>Anagnostopoulou Ch.</b> (1999). Analyse de fréquences des dépressions en Méditerranée orientale, Publ. de l' AIC, Volume 12, 359-367. (In French)   |               |            |
| 2. Maheras P., Karacostas Th., Patrikas I. and <b>Anagnostopoulou Chr.</b> (2000). Automatic classification of circulation types in Greece: Methodology, description, frequency, variability and trend analysis, Theor. Appl. Climatol., 67, 205-223.       | <b>2.882</b>  | <b>53</b>  |
| 3. Arseni-Papadimitriou A., Maheras P., Patrikas J. et <b>Anagnostopoulou Ch.</b> (2000). Distribution géographique des températures maximales par type de circulation et leurs tendances, en Grèce. Publ. de l' AIC, Volume 13, 347-355. (In French)       |               |            |
| 4. Maheras P., Patrikas J. <b>Anagnostopoulou Ch.</b> et Xoplaki E. (2000). Classification automatique des types de circulation et délimitation objective des saisons en Grèce. Publ. de l' AIC, Volume 13, 364-371. (In French)                            | -             | <b>1</b>   |
| 5. Vafiadis M., Tolika K., Patrikas J. et <b>Anagnostopoulou Chr.</b> (2000). Distribution géographique de la probabilité d'apparition de précipitations d'hiver par type de circulation en Grèce. <i>Publ. de l' AIC</i> , Volume 13, 381-388. (In French) | -             |            |
| 6. Maheras P., Flocas A. H., Patrikas I. and <b>Anagnostopoulou Chr.</b> (2001). A 40 year objective climatology of surface cyclones in the Mediterranean Region: Spatial and temporal distribution, Int. J. Climatol.,21, 109-130.                         | <b>3.928</b>  | <b>148</b> |

|  |                    |           |
|--|--------------------|-----------|
| 7. Flocas A.H., Maheras P., Karacostas Th., Patrikas I. and <b>Anagnostopoulou Chr.</b> (2001). A 40 year climatological study of relative vorticity distribution over the Mediterranean, <i>Int. J. Climatol.</i> , 21, 1759-1778.  | <b>3.928</b>       | <b>24</b> |
| 8. Maheras P., Flocas A. H., <b>Anagnostopoulou Chr.</b> and Patrikas I. (2002). On the vertical structure of composite surface cyclones in the Mediterranean region, <i>Theor. Appl. Climatol.</i> , 71, 199-217.   | <b>2.882</b>       | <b>21</b> |
| 9. Maheras P., <b>Anagnostopoulou Ch.</b> , Patrikas J., Vafiadis M. et Karacostas T. (2002). Simulation des pluies journalières en Grèce via une approche par types de circulation. <i>Publ. de l' AIC, Volume 14</i> , 181-188. (In French)  | -                  |           |
| 10. Maheras P, Vafiadis M, Kolyva-Machera F, <b>Anagnostopoulou C</b> et Tolika K (2003). Les champs des anomalies pluviométriques durant la saison humide en Grèce et leurs relations avec le géopotential à 500hPa. <i>Publ. de l' AIC, Vol 15</i> , 312-318 (In French)   | -                  |           |
| 11. <b>Anagnostopoulou Chr.</b> , Maheras P., Karacostas Th. and Vafiadis M., (2003): Spatial and Temporal Analysis of Dry Spells in Greece. <i>Theoretical and Applied Climatology</i> , 74, 77-91.   | <b>2.882</b>       | <b>64</b> |
| 12. Maheras P., and <b>Anagnostopoulou Chr.</b> , (2003): Circulation Types and their Influence on the Interannual variability and precipitation changes in Greece, <i>Mediterranean Climate-Variability ad Trends</i> . Springer Verlag, Berlin, Heidelberg, 215-239.   | <b>Book</b>        | <b>38</b> |
| 13. <b>Anagnostopoulou Chr.</b> , Flocas H., Maheras P. and Patrikas I. (2004): Relationship between atmospheric circulation types over Greece and Western-Central Europe during the period 1958-97, <i>Int. J. Climatol</i> , 24, 1745-1758.  | <b>3.928</b>       | <b>12</b> |
| 14. Maheras P, Tolika K, <b>Anagnostopoulou Chr</b> , Vafiadis M, Patrikas I and Flocas H (2004). On the Relationships between circulation types and changes in Rainfall Variability in Greece. <i>International Journal of Climatology</i> , 24, 1695-1712  | <b>3.928</b>       | <b>64</b> |
| 15. Flocas HA, Tolika K, <b>Anagnostopoulou Chr</b> , Patrikas I, Maheras P and Vafiadis M (2005). Evaluation of maximum and minimum temperature of NCEP-NCAR reanalysis data over Greece. <i>Theoretical and Applied Climatology</i> , 80, 49-65  | <b>2.882</b>       | <b>14</b> |
| 16. Maheras P, Flocas H, Tolika K, <b>Anagnostopoulou C</b> and Vafiadis M (2006). Circulation Types and extreme temperature changes in Greece. <i>Climate Research</i> 30(2), 161-174   | <b>1.984</b>       | <b>24</b> |
| 17. <b>Anagnostopoulou Chr</b> , Tolika K, Flocas H and Maheras P (2006): Cyclones in the Mediterranean region: Present and Future climate scenarios derived from a General Circulation Model (HadAM3P). <i>Advances in Geosciences</i> , 7, 9-14  | <b>0.478 (SJR)</b> | <b>32</b> |
| 18. Kostopoulou E, Giannakopoulos C, <b>Anagnostopoulou Chr</b> , Tolika K, Maheras P, Vafiadis M (2007). Simulating maximum and minimum temperatures over Greece: A comparison of three downscaling techniques. <i>Theoretical and Applied Climatology</i> , 90, 65-82  | <b>2.882</b>       | <b>22</b> |
| 19. Tolika K, Maheras P, Vafiadis M and <b>Anagnostopoulou Chr</b> (2007). Comparaison de deux scénarios (statistique et dynamique) concernant les précipitations hivernales en Grèce. <i>Publication dans la Revue de Climatologie (ex. Annales) de l'Association Internationale de Climatologie (AIC)</i> , 4, 73-90 | -                  |           |
| 20. Tolika K, <b>Anagnostopoulou Chr</b> , Maheras P, Kutiel H (2007). Extreme Precipitations related to Circulation Types for four case studies over the Eastern Mediterranean. <i>Advances in Geosciences</i> , 12, 87-93  | <b>0.478 (SJR)</b> | <b>16</b> |
| 21. Dimitrakopoulos A.; Vlahou M.; <b>Anagnostopoulou Ch.</b> (2007). Drought and Wildfires in Greece. <i>Forest Research –National Institute of Agriculture Research</i> , 20, 77-90. (In Greek)  | -                  |           |
| 22. <b>Anagnostopoulou Chr</b> , Tolika K, Maheras P, Kutiel H., Flocas H (2008). Performance of the General Circulation HadAM3P Model in simulating circulation   | <b>3.928</b>       | <b>18</b> |

|   |                    |           |
|---|--------------------|-----------|
| types over the Mediterranean Region. International Journal of Climatology 28, 185-203   |                    |           |
| 23. Good P, Giannakopoulos C, Flocas H, Tolika K, <b>Anagnostopoulou Chr</b> , Maheras P (2008). Detailed significant changes in the regional climate of the Aegean during 1961-2002. International Journal of Climatology 28, 1735-1749  | <b>3.928</b>       | <b>8</b>  |
| 24. Tolika K, <b>Anagnostopoulou Chr</b> , Maheras P, Vafiadis M (2008). Simulation of future changes in extreme rainfall and temperature conditions over the Greek area: A comparison of two statistical downscaling approaches. Global and Planetary Change 63, 132-151   | <b>2.766</b>       | <b>34</b> |
| 25. <b>Anagnostopoulou Chr</b> , Tolika K, Maheras P, Reiser H, Kutiel H (2008). Quantifying uncertainties in precipitation: a case study from Greece. Advances in Geoscience 16, 19-26   | <b>0.478 (SJR)</b> | <b>5</b>  |
| 26. Maheras P., Tolika K et <b>Anagnostopoulou C.</b> (2008) Relation entre les précipitations moyennes et extrêmes et les types de circulation atmosphérique en Belgique. Bulletin de la Société géographique le Liège, 51, 115-125. (In French)   | <b>0.752 (SJR)</b> | <b>5</b>  |
| 27. <b>Anagnostopoulou Chr</b> , Tolika K, Maheras P (2009). Classification Of Circulation Types: A New Flexible Automatic Approach Applicable to NCEP and GCM Data. Theoretical and Applied Climatology, 96,3-15. DOI 10.1007/s00704-008-0032-6  | <b>2.882</b>       | <b>15</b> |
| 28. Michailidou C, P. Maheras, A. Arseni-Papadimitriou, F. Kolyva-Machera , <b>Anagnostopoulou C</b> (2009). A study of Weather Types at Athens and Thessaloniki and their relationship to Circulation Types for the Cold-Wet period. Part I: Two-Step Cluster Analysis, Theoretical and Applied Climatology, 97, 163-177.  | <b>2.882</b>       | <b>27</b> |
| 29. Michailidou C, P. Maheras, A. Arseni-Papadimitriou, F. Kolyva-Machera, <b>Anagnostopoulou C</b> (2009) A study of Weather Types at Athens and Thessaloniki and their relationship to Circulation Types for the Cold-Wet period. Part II: Discriminant Analysis. Theoretical and Applied Climatology, 97, 179-194.   | <b>2.882</b>       | <b>12</b> |
| 30. Kostopoulou E, Tolika K, Tegoulas I, Giannakopoulos C, Somot S, <b>Anagnostopoulou C</b> and Maheras P (2009) Evaluation of a Regional Climate Model using in-situ temperature observations over the Balkan Peninsula. Tellus A, 61A, 357-370.  | <b>2.062</b>       | <b>23</b> |
| 31. Dimitrakopoulos A.; Vlahou M.; <b>Anagnostopoulou Ch.</b> 2011. Impact of drought on wildland fires in Greece: implications of climatic change? Climatic Change, 109 (3-4), 331-347, DOI: 10.1007/s10584-011-0026-8.  | <b>3.430</b>       | <b>64</b> |
| 32. Flocas H., Hatzaki M, Tolika K., <b>Anagnostopoulou C</b> , Kostopoulou E., Giannakopoulos C, Kolokytha E, Tegoulas I(2011) Ability of RCM/GCM couples to represent the relationship of large scale circulation to climate extremes over the Mediterranean region. Climate Research, 46, 197-209.   | <b>1.984</b>       | <b>6</b>  |
| 33. <b>Anagnostopoulou C.</b> and Tolika K. (2012) Extreme precipitation in Europe: statistical threshold selection based on climatological criteria. Theoretical and Applied Climatology, DOI 10.1007/s00704-011-0487-8.   | <b>2.882</b>       | <b>32</b> |
| 34. Goodess CM, <b>Anagnostopoulou C</b> , Bardsossy A, Frei C, Harpham C, Haylock MR, Hundecha Y, Maheras P, Ribalaygue J, Schmidli J, Schmith T, Tolika K, Tomozeiu R, Wilby RL., (2012). An intercomparison of statistical downscaling methods for Europe and European regions- assessing their performance with respect to extreme temperature and precipitation events. Published as CUR RP11 in 2012, University of East Anglia, CRU Research Publication series, pp. 68. |                    | <b>70</b> |
| 35. Tolika K., Zanis P. and <b>Anagnostopoulou C.</b> (2012) Regional climate change scenarios for Greece: Future temperature and Precipitation projections from Ensembles of RCMs. Global NEST Journal, 14(4), 407-421   | <b>0.66</b>        | <b>22</b> |
| 36. Rousi E, Mimis A, Stamou M, <b>Anagnostopoulou C</b> (2013): Classification of circulation types over Eastern Mediterranean using a Self Organizing Map approach. Journal of Maps, DOI: 10.1080/17445647.2013.862747.   | <b>1.193</b>       | <b>3</b>  |

|   |                     |           |
|---|---------------------|-----------|
| 37. Tolika K., Maheras P, Pytharoulis I., and <b>Anagnostopoulou C.</b> (2014) The anomalous low and high temperatures of 2012 over Greece – an explanation from a meteorological and climatological perspective. <i>Nat. Hazards Earth Syst. Sci.</i> , 14, 501–507, doi:10.5194/nhess-14-501-2014                                 | <b>2.168</b>        | <b>5</b>  |
| 38. <b>Anagnostopoulou C.</b> Zanis P., Katragkou E. Tegoulia I and Tolika K (2014) Recent past and future patterns of the Etesian winds based on regional scale climate model simulations. <i>Clim Dyn.</i> DOI 10.1007/s00382-013-1936-0  | <b>4.673</b>        | <b>23</b> |
| 39. Rousi E, <b>Anagnostopoulou C.</b> , Tolika K., Maheras P, (2015) Representing teleconnection patterns over Europe: A comparison of SOM and PCA methods. <i>Atmospheric Research.</i> 152, 123-137. doi.org/10.1016/j.atmosres.2013.11.010  | <b>2.872</b>        | <b>23</b> |
| 40. Tolika K., <b>Anagnostopoulou Ch.</b> , Velikou K., Vagenas Ch. (2015). A comparison of the updated very high resolution model RegCM3_10km with the previous version RegCM3_25km over the complex terrain of Greece: present and future projections. <i>Theoretical and Applied Climatology</i> , doi:10.1007/s00704-015-1583-y | <b>2.882</b>        | <b>8</b>  |
| 41. Galiatsatou P, <b>Anagnostopoulou C</b> , Prinós P (2016). Modeling nonstationary extreme wave heights in present and future climate of Greek Seas. <i>Water Science and Engineering.</i> DOI: 10.1016/j.wse.2016.03.001  | <b>0.226 (SJR)</b>  | <b>9</b>  |
| 42. Venetsanou P., Kazakis N., <b>Anagnostopoulou C.</b> , Voudouris K. (2016). Impacts of rainfall changes on groundwater balance of coastal aquifers: a case study of the Thermaikos Gulf, North Greece. <i>Global NEST Journal</i> , Vol 18, doi:10.1007/s00704-015-1583-y   | <b>0.66</b>         | <b>2</b>  |
| 43. Steiakakis, E., Vavadakis, D., Kritsotakis, M., Voudouris, K., & Anagnostopoulou, C. (2016). Drought impacts on the fresh water potential of a karst aquifer in Crete, Greece. <i>Environmental Earth Sciences</i> , 75(6), 1-19.   | <b>1.765</b>        | <b>6</b>  |
| <b>44.</b> Makris, C., Galiatsatou, P., Tolika, K., <b>Anagnostopoulou, C.</b> , Kombiadou, K., Prinós, P., ... & Athanassoulis, G. (2016). Climate change effects on the marine characteristics of the Aegean and Ionian Seas. <i>Ocean Dynamics</i> , 66(12), 1603-1635.  | <b>1.869</b>        | <b>4</b>  |
| 45. <b>Anagnostopoulou C</b> (2016) Drought episodes over Greece as simulated by dynamical and statistical downscaling approaches <i>Theoretical and Applied Climatology</i> , doi: 10.1007/s00704-016-1799-5   | <b>2.882</b>        | <b>4</b>  |
| 46. Vagenas, C., <b>Anagnostopoulou, C.</b> , & Tolika, K. (2017). Climatic Study of the Marine Surface Wind Field over the Greek Seas with the Use of a High Resolution RCM Focusing on Extreme Winds. <i>Climate</i> , 5(2), 29.  | <b>3.2 (Scopus)</b> | <b>4</b>  |
| 47. Maheras P, Tolika K, Anagnostopoulou C, Kolyva-Machaira F (2017) Evolution Des Méthodes D'analyse Des Types De Temps Et Des Types De Circulation En Grèce Durant Les 60 Dernières Années. Accepted for Publication in <i>Bulletin de la Société géographique de Liège</i>   |                     |           |
| 48. Panagiotisz Maheras, Konsztandia Tolika, Ioannis Tegoulías, Hrisztina Anagnostopoulou, Károssy Csaba, Klicasz Szpirosz (2017): Cirkulációs típusok automatikus és empirikus osztályozásának összehasonlítása magyarországi adatok alapján. <i>IDOJARAS Journal, Léghor</i> , 61, évfolyam, 2017, 60-66.                         |                     | <b>1</b>  |
| 49. <b>Anagnostopoulou, C.</b> , Tolika, K., Lazoglou, G., & Maheras, P. (2017). The Exceptionally Cold January of 2017 over the Balkan Peninsula: A Climatological and Synoptic Analysis. <i>Atmosphere</i> , 8(12), 252.  | <b>2.397</b>        | <b>9</b>  |
| 50. Skoulikaris, C., Ganoulis, J., Tolika, K., Anagnostopoulou, C., & Velikou, K. (2017). Assessment of agriculture reclamation projects with the use of regional climate models. <i>Water Utility Journal</i> 16: 7-16, 2017   |                     | <b>2</b>  |

|   |                     |   |
|---|---------------------|---|
| 51. Lazoglou, G., <b>Anagnostopoulou, C.</b> , & Koundouras, S. (2018). Climate change projections for Greek viticulture as simulated by a regional climate model. <i>Theoretical and Applied Climatology</i> , 133(1-2), 551-567.  | <b>2.882</b>        | 3 |
| 52. Maheras, P., Tolika, K., <b>Anagnostopoulou, C.</b> , Makra, L., Szpirosz, K., & Károssy, C. (2018). Relationship between mean and extreme precipitation and circulation types over Hungary. <i>International Journal of Climatology</i> , 38(12), 4518-4532  | 3.928               | 4 |
| 53. Tolika, K., Maheras, P., & <b>Anagnostopoulou, C.</b> (2018). The exceptionally wet year of 2014 over Greece: a statistical and synoptical-atmospheric analysis over the region of Thessaloniki. <i>Theoretical and applied climatology</i> , 132(3-4), 809-821.  | <b>2.882</b>        | 4 |
| 54. Maheras, P., Tolika, K., Tegoulis, I., <b>Anagnostopoulou, C.</b> , Szpirosz, K., Károssy, C., & Makra, L. (2019). Comparison of an automated classification system with an empirical classification of circulation patterns over the Pannonian basin, Central Europe. <i>Meteorology and Atmospheric Physics</i> , 1-13.   | <b>1.656</b>        | 1 |
| 55. Lazoglou, G., <b>Anagnostopoulou, C.</b> , Tolika, K., & Kolyva-Machera, F. (2019). A review of statistical methods to analyze extreme precipitation and temperature events in the Mediterranean region. <i>Theoretical and Applied Climatology</i> , 1-19.   | <b>2.882</b>        | 5 |
| 56. Velikou, K., Tolika, K., <b>Anagnostopoulou, C.</b> , & Zanis, P. (2019). Sensitivity analysis of RegCM4 model: present time simulations over the Mediterranean. <i>Theoretical and Applied Climatology</i> , 1-24.   | <b>2.882</b>        | 2 |
| 57. Lazoglou, G., & <b>Anagnostopoulou, C.</b> (2019). Joint distribution of temperature and precipitation in the Mediterranean, using the Copula method. <i>Theoretical and Applied Climatology</i> , 135(3-4), 1399-1411.   | <b>2.882</b>        | 7 |
| 58. K Szpirosz, P Maheras, K Tolika, I Tegoulis, C <b>Anagnostopoulou</b> , C Károssy, L Makra (2019) Egy Automata es Egy empirikus legcirkulacios osztalyozarsi rendszer osszehasonlito elemzese a Karpat - Medencere. <i>Földrajzi Közlemények 2019</i> . 143. 1. pp. 71-88. (in Hungarian).  |                     |   |
| 59. Venetsanou, P., <b>Anagnostopoulou, C.</b> , Loukas, A., Lazoglou, G., & Voudouris, K. (2019). Minimizing the uncertainties of RCMs climate data by using spatio-temporal geostatistical modeling. <i>Earth Science Informatics</i> , 1-14.   | <b>1.450</b>        | 2 |
| 60. Lazoglou, G., Gräler, B., & Anagnostopoulou, C. (2019). Simulation of extreme temperatures using a new method: TIN-copula. <i>International Journal of Climatology</i> , 39(13), 5201-5214.   | 3.928               |   |
| 61. Lazoglou, G., <b>Anagnostopoulou, C.</b> , Skoulikaris, C., & Tolika, K. (2019). Bias Correction of Climate Model's Precipitation Using the Copula Method and Its Application in River Basin Simulation. <i>Water</i> , 11(3), 600.   | <b>2.544</b>        | 4 |
| 62. Maheras P, K Tolika, I Tegoulis, C <b>Anagnostopoulou</b> , K Szpirosz, C Károssy, L Makra (2019) Comparison of an automated classification system with an empirical classification of circulation patterns over the Pannonian basin, Central Europe. <i>Meteorol Atmos Phys</i> (2019) 131:739-751 DOI 10.1007/s00703-018-0601-x, Volume 131, Issue 4, pp 739-751. | <b>1.656</b>        | 1 |
| 63. Lazoglou G, <b>Anagnostopoulou C</b> , Gräler B, Tolika K., (2020) Evaluation of a new statistical method – TIN-copula - for the bias correction of climate models' extreme parameters. <i>Atmosphere</i> , 11(3), 243  | <b>2.544</b>        |   |
| 64. Skoulikaris, C., <b>Anagnostopoulou, C.</b> , & Lazoglou, G. (2020). Hydrological Modeling Response to Climate Model Spatial Analysis of a South Eastern Europe International Basin. <i>Climate</i> , 8(1), 1.  | <b>3.2 (Scopus)</b> |   |
| 65. Rousi, E., Rust, H. W., Ulbrich, U., & <b>Anagnostopoulou, C.</b> (2020). Implications of Winter NAO Flavors on Present and Future European Climate. <i>Climate</i> , 8(1), 13.   | <b>3.2 (Scopus)</b> | 4 |

|  |                     |   |
|--|---------------------|---|
| 66. Venetsanou P, <b>Anagnostopoulou C</b> , Loukas A., Voudouris K. (2020): Hydrological impacts of climate change in a Greek catchment, in Theoretical and Applied Climatology, doi: <a href="https://doi.org/10.1007/s00704-020-03130-6">https://doi.org/10.1007/s00704-020-03130-6</a> | <b>2.882</b>        | 1 |
| 67. Lazoglou, G., Zittis, G., <b>Anagnostopoulou, C.</b> , Hadjinicolaou, P., & Lelieveld, J. (2020). Bias Correction of RCM Precipitation by TIN-Copula Method: A Case Study for Historical and Future Simulations in Cyprus. <i>Climate</i> , 8(7), 85.                                  | <b>3.2 (Scopus)</b> |   |

### 3. PAPERS IN INTERNATIONAL AND NATIONAL SCIENTIFIC CONFERENCES

1. Balafoutis C. and **Anagnostopoulou C** (1998). Estimation and Geographical distribution of the green grass evapotranspiration over Greece, according to the Penman method. Proceedings of the 4<sup>th</sup> Pan-Hellenic (International) Conference in Meteorology Climatology and Atmospheric Physics. Athens, 1998, 383-388 (in Greek).
2. Maheras P. **Anagnostopoulou C**. and Patrikas I and Kolyva-Macheras F. (1999). Statistical Analysis of the rainy days in Thessaloniki Proceedings of the 4<sup>th</sup> Notional Conference "Management of water in the Greek sensitive regions", Volos, 122-128 (in Greek).
3. Flocas E., Maheras P., Patrikas I. and **Anagnostopoulou Chr.** (2000). Climatological aspects of surface cyclones in the Eastern Mediterranean region. Program of the International Colloquium "The Mediterranean: Culture, Environment and Society". Haifa May 2000, 10p.
4. **Anagnostopoulou C.** and Balafoutis C. (2000). Applied of an empirical model to forecast frost in a region of central Macedonia. Proceedings of the 5<sup>th</sup> Pan-Hellenic (International) Conference in Meteorology Climatology and Atmospheric Physics, Thessaloniki, September 2000, 429-437. (in Greek)
5. Maheras P., **Anagnostopoulou C.** and Patrikas I. (2000). An Objective classification of circulation types in Greece Proceedings of the 5<sup>th</sup> Pan-Hellenic (International) Conference in Meteorology Climatology and Atmospheric Physics, Thessaloniki, September 2000, 25-33. (in Greek)
6. Arseni-Papadimitriou A., Maheras P. and **Anagnostopoulou C.** (2000). Geographical Distribution of the Minimum Temperatures in the Greek Area in Relation to Circulation Types. Proceedings of the 5<sup>th</sup> Pan-Hellenic (International) Conference in Meteorology Climatology and Atmospheric Physics, Thessaloniki, September 2000, 89-96. (in Greek)
7. Maheras P., **Anagnostopoulou C.** and Patrikas I. (2002). Relations between atmospheric circulation in west and central Europe and the Eastern Mediterranean. Proceedings of the 5<sup>th</sup> Pan-Hellenic (International) Conference in Meteorology Climatology and Atmospheric Physics, Ioannina, September 2002, 164-171. (in Greek)
8. Maheras P, **Anagnostopoulou Chr**, Tolika K et Vafiadis M (2003). Variabilité et tendances du nombre maximal des séquences sèches et humides en Grèce durant la période 1958-2000. *Dokumentacja Geograficzna nr 29*, Warszawa 2003, 213-216
9. Tolika K, Maheras P, Vafiadis M et **Anagnostopoulou Ch** (2004). Simulation des températures moyennes saisonnières maximales en Grèce par une approche de réseau de neurones artificiels. *Publ. de l'AIC, Caen – France*, Septembre 2004, 91-94
10. Tolika K, **Anagnostopoulou Chr** and Maheras P (2004). Trends of extreme events across Greece in the 2<sup>nd</sup> half of the 20<sup>th</sup> Century (Part I- Precipitation). Proceedings of the 7<sup>th</sup> Pan-Hellenic (International) Conference in Meteorology Climatology and Atmospheric Physics. Cyprus, September 2004, Vol B, 484-491(in Greek)
11. **Anagnostopoulou Chr**, Tolika K and Maheras P (2004). Trends of extreme events across Greece in the 2<sup>nd</sup> half of the 20<sup>th</sup> Century (Part II- Temperature). Proceedings of the 7<sup>th</sup> Pan-Hellenic (International) Conference in Meteorology Climatology and Atmospheric Physics. Cyprus, September 2004, Vol B, 500-507 (in Greek)
12. Christodoulakis S. **Anagnostopoulou Chr.** (2004) Analysis of Dry and Wet Spells over Crete. Proceedings of the 7<sup>th</sup> Pan-Hellenic (International) Conference in Meteorology Climatology and Atmospheric Physics. Cyprus, September 2004, Vol B (in Greek)

13. Skourkeas A, Kolyva-Machera F, **Anagnostopoulou C**, Tolika K. and Maheras P. (2005). Estimation of mean maximum seasonal temperatures over Greece using a reliable linear model. Proceedings of the 18<sup>th</sup> Conference of Statistics, Rhodes, May 2005, 343-350. (in Greek)
14. Maheras P, Tolika K, **Anagnostopoulou Chr**, Flocas E and Vafiadis M (2005). Evaluation des données du géopotential à 500hPa produites par les modèles de circulation générale (MCG) pour l'Europe et la Méditerranée. Publ. de l'AIC, Gênes, Septembre 2005, 301-304
15. Kutiel H, Tolika K, **Anagnostopoulou Chr**, Flocas E and Maheras P (2005). Comparaison des fréquences des types de circulation observées (données de NCEP) et simulées (données de HadAM3P) en Grèce. Publ. de l'AIC, Gênes, Septembre 2005, 345-348
16. Machairas C, Vafiadis M, Tolika K, Maheras P, **Anagnostopoulou C** (2006). Development of scenarios for hydrometeorological parameters in Thessaloniki using artificial neural networks. Proceedings of the 10<sup>th</sup> Hellenic conference of the Hellenic Hydrotechnical Association, Xanthi, 2006, Vol A, 127-134 (in Greek)
17. Atsios P, Kolyva-Machera F, Hatzopoulos S, Maheras P., **Anagnostopoulou C** and Tolika K. (2006). Study of extreme rainfall in Western Greece using the extreme values distribution methodology. Proceedings of the 19<sup>th</sup> Conference of Statistics, April 2006, Kastoria, Greece 1-7. (in Greek)
18. Maheras P, Tolika K, Vafiadis M et **Anagnostopoulou Chr** (2006). Comparaison de deux scénarios (statistique et dynamique) concernant les précipitations en Grèce. 19<sup>o</sup> Συνέδριο της AIC, « Les risques liés au temps et au climat » Actes du colloque d'Epernay, France, 6-9 septembre 2006, 397-402
19. Tolika K, **Anagnostopoulou C**, Karipidou S, Flocas H and Maheras P (2006). Assessment of the atmospheric general circulation model HadAM3P skill in reproducing surface cyclones in the Mediterranean region. Proceedings of the 8<sup>th</sup> Pan-Hellenic (International) Conference in Meteorology Climatology and Atmospheric Physics. Athens, 2008, Vol B, 185-192 (in Greek)
20. **Anagnostopoulou C**, Tolika K, Michailidou C, Maheras P (2006). Extreme rainfall events over the Greek Area: Theory and Application of the generalized extreme value GEV distribution and Pareto distribution. Proceedings of the 8<sup>th</sup> Pan-Hellenic (International) Conference in Meteorology Climatology and Atmospheric Physics. Athens, 2008, Vol B, 17-25 (in Greek)
21. Skourkeas A, F Kolyva – Machera, C Anagnostopoulou, K Tolika, P Maheras. 2006 Model estimation of mean maximum and minimum temperatures in north-western Greece. Proceedings of the 8<sup>th</sup> Pan-Hellenic (International) Conference in Meteorology Climatology and Atmospheric Physics. Athens, 2008, Vol B, 129-136 (in Greek)
22. Kostopoulou E, Tolika K, **Anagnostopoulou C**, Maheras P (2007). Extreme Precipitation events in Greece and their relations with circulation types. Under publication to the proceedings of the 8<sup>th</sup> Hellenic Geography Conference, Athens, October 2007
23. Maheras P, Tolika K, Vafiadis M et **Anagnostopoulou Chr** (2007) Développement d'un scénario des pluies durant la période humide en Tunisie. Publ. de l' AIC, 2007 (XX<sup>ème</sup> Colloque de l'association Internationale de climatologie), 3- 8 Septembre, Tunis Carthage, 34-39
24. C. Anagnostopoulou, K. Tolika, E. Kostopoulou and P Maheras (2008) A comparison of Bayesian and Maximum likelihood Estimators for extreme Rainfall Statistical Parameters. Proceedings of the 9<sup>th</sup> Pan-Hellenic (International) Conference in Meteorology Climatology and Atmospheric Physics. Thessaloniki, 2008, Vol B, 331-338(in Greek)
25. P Maheras, E Kostopoulou, K Tolika, I Tegoulis, X Giannakopoulos and C Anagnostopoulou (2008) Evaluation of a Regional Climate Model over the Balkan Peninsula. Proceedings of the 9<sup>th</sup> Pan-Hellenic (International) Conference in Meteorology Climatology and Atmospheric Physics. Thessaloniki, 2008, Vol B, 425-432(in Greek)
26. E. Rousi, C Anagnostopoulou and K Tolika (2008) Contribution to the study of Temperature Regime in the Mediterranean using a Regional Climate Model. Proceedings of the 9<sup>th</sup> Pan-Hellenic (International) Conference in Meteorology Climatology and Atmospheric Physics. Thessaloniki, 2008, Vol B, 489-496 (in Greek)
27. K Tolika, E Kostopoulou, I Tegoulis, C Anagnostopoulou and P Maheras (2008) Future projections of extreme rainfall and temperature conditions over the Mediterranean Region: Scenarios from three updated regional climate models. Proceedings of the 9<sup>th</sup> Pan-Hellenic (International)

- Conference in Meteorology Climatology and Atmospheric Physics. Thessaloniki, 2008, Vol B, 505-512 (in Greek)
28. Tolika K, Roussi E., **Anagnostopoulou C.**, Maheras P. (2010) Analysis of the dry spells in the Peloponnesus Region during the 21st Century: Future scenarios derived by an Updated regional climate model (RCM). Proceedings of the 10th Pan-Hellenic (International) Conference in Meteorology Climatology and Atmospheric Physics. Patra, 2010, 767- 775
  29. Tzaki A., Tolika K., **Anagnostopoulou C.** (2010): Future climate change assessments in the European Region: Application of the Köppens climate classification to updated regional climate models (RCMs). Proceedings of the 10<sup>th</sup> Pan-Hellenic (International) Conference in Meteorology Climatology and Atmospheric Physics. Patra, 2010, 839- 846
  30. Rousi E., Tolika K., **Anagnostopoulou C.**, Maheras P. (2010): Scenarios of extreme temperature changes at the eastern Mediterranean through the end of the 21<sup>st</sup> century. Proceedings of the 10th Pan-Hellenic (International) Conference in Meteorology Climatology and Atmospheric Physics. Patra, 2010, 666-672.
  31. Hatzaki M., Flocas H., Tolika K. and **Anagnostopoulou C.**, (2010): The impact of the Eastern Mediterranean teleconnection Pattern on temperature and precipitation regimes over Northwestern Europe. Proceedings of the 10th Pan-Hellenic (International) Conference in Meteorology Climatology and Atmospheric Physics. Patra, 2010, 753-760.
  32. Rousi E., Tolika K., **Anagnostopoulou C.**, Maheras P. (2010): Analysis of the Frequency of Daily Precipitation series in Greece through the 21<sup>st</sup> century: Future scenarios of a regional climate model (RCM). Proceedings of the 9th Hellenic Geographical Conference, Athens, 4-6 November 2010, 25-32.
  33. **Anagnostopoulou C.**, Tolika K., Maheras P (2012) Drought Index over Greece as simulated by a statistical downscaling model. Proceedings of the 11th International Conference on Meteorology, Climatology and Atmospheric Physics, COMECAP 2012, Athens, 30 May – 1 June 2012, 385-390.
  34. Rousi E, **Anagnostopoulou C**, K. Tolika, P. Maheras & A. Bloutsos (2012) ECHAM5/MPI General Circulation Model Simulations of Teleconnection Indices over Europe. Proceedings of the 11th International Conference on Meteorology, Climatology and Atmospheric Physics, COMECAP 2012, Athens, 30 May – 1 June 2012, 709-715.
  35. Tolika K., **Anagnostopoulou Chr.** (2012) Extreme heat wave events in the Thessaloniki region: Past, Present and Future Projections. Proceedings of the 11th International Conference on Meteorology, Climatology and Atmospheric Physics, COMECAP 2012, Athens, 30 May – 1 June 2012, 765-772.
  36. Maheras P., Tolika K., **Anagnostopoulou C**(1) et Macher F. (2012) Types De Circulation Associes Au Flux Des Etésiens Dans La Mer Egée. 25ème Colloque de l’AIC 2012 (Grenoble, 5-8 septembre 2012), 493-498.
  37. Galiatsatou P, Prinos P, **Anagnostopoulou C** and Vasiliadis L (2013) Linear and nonlinear modelling for nonstationary annual maximum frequency analysis of storm surges. Proceedings of the 1st International Short Conference on Advances in Extreme Value Analysis and Application to Natural Hazards (EVAN 2013), Siegen 2013, 66-76
  38. Maheras P, Tolika K, **Anagnostopoulou C** and Kolyva – Macher F (2014) Relationship between the atmospheric circulation over the Mediterranean and the teleconnections over the eastern Atlantic. Proceedings of the 12th International Conference on Meteorology, Climatology and Atmospheric Physics, COMECAP 2014, Heraklio, May 2014, 168-172.
  39. Rousi E, **Anagnostopoulou C**, Tolika K and Maheras P (2014) Effects of extreme teleconnection indices on climatic parameters over the Mediterranean: present and future simulations. Proceedings of the 12th International Conference on Meteorology, Climatology and Atmospheric Physics, COMECAP 2014, Heraklion, May 2014, 122-126.
  40. **Anagnostopoulou C**, Zanis P, Katragkou E, Tegoulas I and Tolika K(2014) The future perspective of Etesian Wind patterns over Aegean Sea. Proceedings of the 12th International Conference on Meteorology, Climatology and Atmospheric Physics, COMECAP 2014, Heraklio, May 2014, 55-60.
  41. Tolika K, **Anagnostopoulou C** and Krestenitis Y (2014) Relationship between atmospheric circulation types and storm surges over the Greek Seas. Proceedings of the 12th International

- Conference on Meteorology, Climatology and Atmospheric Physics, COMECAP 2014, Heraklio, May 2014, 214-219.
42. Tsavdari A and **Anagnostopoulou C** (2014) Climatology and origins of air masses over Thessaloniki. Proceedings of the 12th International Conference on Meteorology, Climatology and Atmospheric Physics, COMECAP 2014, Heraklio, May 2014, 225-230.
  43. Vagenas C, **Anagnostopoulou C** and Tolika K (2014) Climatic study of the surface wind field and the extreme winds over the Greek Seas. Proceedings of the 12th International Conference on Meteorology, Climatology and Atmospheric Physics, COMECAP 2014, Heraklio, May 2014, 283-288.
  44. Velikou K, Tolika K, **Anagnostopoulou C**, Tegoulis I and Vagenas C (2014) High resolution climate over Greece: Assessment and Future projections. Proceedings of the 12th International Conference on Meteorology, Climatology and Atmospheric Physics, COMECAP 2014, Heraklio, May 2014, 307-312.
  45. Maheras P., Tolika K., **Anagnostopoulou C.**, Velikou K., Kolyva-Machera F. (2014). Le bilan thermique de l'automne 2012 en Grèce. Actes du 27ème Colloque de l'Association Internationale de Climatologie 2014, Dijon - France, 2 - 5 Juillet 2013, pp. 572-577.
  46. Βενετσάνου Π., Καζάκης Ν., Αναγνωστοπούλου Χ., Κολοκυθά Ε., Βουδούρης Κ. (2014): Εκτίμηση των επιπτώσεων των κλιματικών αλλαγών στο ισοζύγιο των υπόγειων νερών με τη χρήση κλιματικών μοντέλων και μοντέλων υπόγειας ροής. Εφαρμογή στο παράκτιο τμήμα Περαίας-Επανομής, 100 Διεθνές Υδρογεωλογικό Συνέδριο της Ελλάδας, Θεσσαλονίκη, τόμος 20ς σελ. 57-66
  47. Rousi E, **Anagnostopoulou C**, Mimis A and Stamou M (2014) Constrained clustering of winter precipitation in Greece. Proceedings of the 10th International Congress of the Hellenic Geographical Society. Thessaloniki, 22-24 October 2014.
  48. **Anagnostopoulou C.**, Tolika K., Velikou K., Tegoulis I., Vagenas C. (2014). Climate change and Aegean Sea storm surges: A study of storm surges in relation to atmospheric circulation types. 6th Panhellenic Conference on Management and Improvement of Coastal Zones 2014, Athens - Greece, 24 - 27 November 2014, pp. 325-333
  49. Galiatsatou P, **Anagnostopoulou C** and Prinos P (2015) Modelling nonstationary extreme wave heights in the present and the future climate of the Greek Seas. Proceedings for the 3rd IMA International Conference on Flood Risk 30 - 31 March 2015, Swansea University, Wales, UK
  50. Maheras P, Tolika K, Anagnostopoulou C and Kolyva-Machera F (2015) Relations entre la circulation atmosphérique en Grèce et les téléconnexions sur l'océan Atlantique oriental Actes du 27ème Colloque de l'Association Internationale de Climatologie 2015, Liege, pp. 549-554.
  51. Skoulikaris H, Ganoulis I, Velikou K, **Anagnostopoulou C** and Tolika K. (2015) Investigation of extension capacity of reclamation works under climate change conditions with the use of regional climate models. Proceedings of the 3<sup>rd</sup> Associated Conference of EYE – EEDYP – EYS, Athens, 10-12 December 2015, 525-532.
  52. Maheras P., Kolyva-Machera F, Tolika K Anagnostopoulou C (2016) les précipitations exceptionnelles de l'année 2014 dans la Grèce septentrionale XXIXe Colloque de l'Association Internationale de Climatologie, Lausanne - Besançon 2016, pages 309-314.
  53. Tolika K, Anagnostopoulou C and Maheras P (2016) Analysis of the Synoptic Conditions of the Extreme Rainfall Heights of 2014 in Thessaloniki. Perspectives on Atmospheric Sciences, Vol 1, 463-468 COMECAP 2016, Thessaloniki, Greece, Springer Atmospheric Sciences, ISBN 978-3-319-35094-3.
  54. Velikou K, Tolika K, Anagnostopoulou C and Zanis P (2016) Physics Parameterizations of Regional Climate Model RegCM4: Sensitivity to Convective Precipitation Schemes. Perspectives on Atmospheric Sciences, Vol 1, 649-654 COMECAP 2016, Thessaloniki, Greece Springer Atmospheric Sciences, ISBN 978-3-319-35094-3.

55. Anagnostopoulou C, Tolika K, Skoulikaris Ch and Zafirakou A (2016) Climate change assessments over the Greek Ctchment using RCMs projection. Perspectives on Atmpsheric Sciencies, Vol 1, 655-661 COMECAP 2016, Thessaloniki, Greece Springer Atmpspheric Sciences, ISBN 978-3-319-35094-3.
56. Lazoglou, G., & Anagnostolpoulou, C. (2017). Impact of Climate Change in Greek Viticulture. In Perspectives on Atmospheric Sciences, Vol 1, 655-661 COMECAP 2016, Thessaloniki, Greece Springer Atmospheric Sciences, ISBN 978-3-319-35094-3, pp. 663-668.
57. Venetsanou P., Anagnostopoulou C., Voudouris K. (2016): Climate projections on estimating water balance in Havrias River Basin, Greece. Proc. of 13th International Conference COMECAP, In "Perspectives on Atmospheric Sciences" (Eds Karacostas, T.S. et al.), Springer, 669-675.
58. Douka, M., Karacostas, T. S., Katragkou, E., & Anagnostopoulou, C. (2017). Annual and seasonal extreme precipitation probability distributions at Thessaloniki based upon hourly values. In Perspectives on Atmospheric Sciences (pp. 521-527). Springer, Cham.
59. Rousi, E., Ulbrich, U., Rust, H. W., & Anagnostopoulou, C. (2017). An NAO climatology in reanalysis data with the use of self-organizing maps. In Perspectives on Atmospheric Sciences (pp. 719-724). Springer, Cham.
60. Velikou K, Tolika K, Anagnostopoulou C (2016) Changes in Parameterizations of Regional Climate model RegCM4.4.5: The role of land cover on regional climate over Mediterranean. Bulletin of the Geological Society of Greece, vol L, 2016, Proceedings of the 14th Inter. Congress, Thessaloniki, May, 2016.
61. Venetsanou, P., Anagnostopoulou, C., & Voudouris, K. (2017). IMPACTS OF CLIMATE CHANGES ON HYDROLOGIC BALANCE: A CASE STUDY OF VOCHA PLAIN, KORINTHIA. Bulletin of the Geological Society of Greece, 50(2), 1068-1077.
62. Anagnostopoulou, C. (2017). FUTURE DROUGHT PROJECTION FOR THE GREEK REGION. Bulletin of the Geological Society of Greece, 50(2), 1038-1045.
63. Lazoglou, G., and Anagnostopoulou, C. (2017). An Overview of Statistical Methods for Studying the Extreme Rainfalls in Mediterranean. In Multidisciplinary Digital Publishing Institute Proceedings, Vol. 1, No. 5, p. 681. Proceedings, doi: 10.3390/ecas2017-04132
64. Georgia Lazoglou, Christina Anagnostopoulou, Charalampos Skoulikaris and Tolika K (2018) Copula bias correction for extreme precipitation in re-analysis data over a Greek catchment, Published: 15 November 2018, Proceedings of 3rd International Electronic Conference on Water Sciences (ECWS-3), doi: 10.3390/ECWS-3-05817
65. Venetsanou P, Anagnostopoulou C, Loukas A., Voudouris K. (2018): Hydrological impact of climate change in a Greek catchment, 3rd International Electronic, Conference on Water Sciences (ECWS-3)
66. Mattas C., Anagnostopoulou C., Venetsanou P., Bilas G., Lazoglou G. (2018): Evaluation of extreme dry and wet conditions using climate and hydrological indices in the upper part of the Gallikos River Basin, 3rd International Electronic, Conference on Water Sciences (ECWS-3) doi: 10.3390/ECWS-3-05823
67. George Lazoglou, Ben Gr?ler, Christina Anagnostopoulou, Konstantia Tolika and Fotini KolyvaMachera. (2018) Analysis of the dependence between climate variables using the Copula method. Proceedings of the 14th International Conference on Meteorology, Climatology and Atmospheric Physics, COMECAP 2018, Alexandroupoli, October 2018, 126-131.

68. Venetsanou P., Anagnostopoulou C., Loukas A., Voudouris K. (2018): Analysis of climate future projections using spatio-temporal Kriging method, Proceedings of the 14th International Conference on Meteorology, Climatology and Atmospheric Physics, COMECAP 2018, Alexandroupoli, October 2018, 515-520.
69. Alexandros Filidis and Christina Anagnostopoulou. (2018) Study of the European surface temperatures over the last millennium. Proceedings of the 14th International Conference on Meteorology, Climatology and Atmospheric Physics, COMECAP 2018, Alexandroupoli, October 2018, 666-671.
70. Kondylia Velikou, Konstantia Tolika, Christina Anagnostopoulou and Prodromos Zanis. (2018) Changes in physics parameterization schemes: Evaluation of RegCM4 performance over the Mediterranean region with the use of ERAInterim data. Proceedings of the 14th International Conference on Meteorology, Climatology and Atmospheric Physics, COMECAP 2018, Alexandroupoli, October 2018, 672-677.
71. Christina Anagnostopoulou, Konstantia Tolika, Ioannis Tegoulis and Panagiotis Maheras. (2018) Links between the circulation types in different levels, a case study for Thessaloniki, Greece. Proceedings of the 14th International Conference on Meteorology, Climatology and Atmospheric Physics, COMECAP 2018, Alexandroupoli, October 2018, 691-696.
72. Maheras P, Kolyva-Machera F, Tolika K, Anagnostopoulou C (2018) Le Dereglement Thermique des Saisons Intermediaires : L'exemple de Gr?ce. XXXIe Colloque de l'Association Internationale de Climatologie, Actes du colloque de Nice, 2018, pages 418-423.
73. Lazoglou, G.; Anagnostopoulou, C.; Skoulikaris, C.; Tolika, K. (2019) Copula Bias Correction for Extreme Precipitation in Reanalysis Data over a Greek Catchment. Proceedings 2019, 7, 4. doi: 10.3390/ECWS-3-05817
74. Georgia Lazoglou, Christina Anagnostopoulou, Charalampos Skoulikaris. (2019) The use of copula method for the bias correction of MPI model extreme precipitation in Nestos catchment. XXXIle International Conference of the Association Internationale de Climatologie. 29 May - 1 June 2019, Thessaloniki, Greece, 487-492.
75. Traboulsi M, Tolika K, Anagnostopoulou C, Maheras P (2019) Les precipitations ? Beyrouth et leurs relations avec les types des circulation atmospherique. XXXIIe Colloque Internationale de l'AIC, Thessaloniki - Gr?ce 29 mai au 1 juin 2019, pages 523-528.
76. Braki E. and Anagnostopoulou Christina (2019) The impacts of climate change on Tourism in the Mediterranean region. XXXIle International Conference of the Association Internationale de Climatologie. 29 May - 1 June 2019, Thessaloniki, Greece, pages 537-542.
77. Traboulsi M, Tolika K, Anagnostopoulou C, Maheras P, Machera F. (2020), LES PRECIPITATIONS EXTREMES A BEYROUTH ET LEURS RELATIONS AVEC LES TYPES DE CIRCULATION ATMOSPHERIQUE, XXXIIIe Colloque Internationale de l'AIC, Rennes - France, pages 685-690

#### 4. ABSTRACTS IN INTERNATIONAL SCIENTIFIC CONFERENCES

---

1. Schmith, T., Goodess C.M. and THE **STARDEX** TEAM (2004): Statistical downscaling of extreme precipitation and temperature - a systematic and rigorous inter-comparison of methods. Geophysical Research Abstracts (EGU 2004), Vol. 6, 01787.
2. Giannakopoulos, C., Tolika, K., **Anagnostopoulou, C.**, Maheras, P. and Vafiadis, M. (2004): Simulation of seasonal maximum and minimum temperatures in Greece using three different modelling techniques. Geophysical Research Abstracts (EGU 2004), Vol. 6, 03819.

3. **Anagnostopoulou Chr.**, Tolika K., Maheras P., Flocas H. and Vafiadis M. (2005). Simulation of extreme temperature in Greece using a circulation type approach. *Geophysical Research Abstracts (EGU 2005)*, Vienna April 2005, Vol. 7, A-05150.
4. Kostopoulou E., Giannakopoulos C., Tolika K., **Anagnostopoulou C.**, Maheras P. and Vafiadis M. (2005): Downscaling maximum and minimum temperatures over Greece: A comparison of three methods of modelling. *Geophysical Research Abstracts (EGU 2005)*, Vienna April 2005, Vol. 7, A-03439.
5. Goodess, C.M., Frei, C., Schmidli, J. and **THE STARDEX TEAM** (2005). Temperature and precipitation extremes at the station and climate model grid-point scales: some lessons learnt from the statistical and dynamical approaches to downscaling used in the STARDEX project. *Geophysical Research Abstracts (EGU 2005)*, Vienna April 2005, Vol. 7, A-03758.
6. Goodess, C.M. and **THE STARDEX TEAM** (2005). The application of robust statistical and dynamical downscaling methods for the construction of scenarios of extremes in the STARDEX project. *Geophysical Research Abstracts (EGU 2005)*, Vienna April 2005, Vol. 7, A-03732.
7. Tolika K, **Anagnostopoulou Chr**, Maheras P and Vafiadis M (2006). An estimation of future changes in winter precipitation and raindays over Greece: a statistical downscaling approach based on artificial neural networks. *Geophysical Research Abstracts (EGU 2006)*, Vol. 8 A-04392
8. **Anagnostopoulou Chr**, Tolika K and Maheras P (2006). Extreme rainfall events over eastern Mediterranean: Application of the Generalized Extreme Value (GEV) distribution and Pareto distribution. *Geophysical Research Abstracts (EGU 2006)*, Vol. 8 A-04480
9. **Anagnostopoulou Chr**, Tolika K, Maheras P, Vafiadis M, Machairas C (2006). Classification of circulation types: a new flexible automatic approach applicable to NCEP and GCM data. *European Meteorological Society 6<sup>th</sup> EMS/6<sup>th</sup> ECAC*, Ljubljana, Slovenia 4-8 September 2006. A-00097
10. **Anagnostopoulou Chr**, Tolika K, Maheras P, Reiser H and Kutiel H (2007) An Introduction to a new precipitation uncertainty index over the Eastern Mediterranean. *Geophysical Research Abstracts*, Vol. 9 A-07101, *EGU General Assembly 2007 Vienna, Austria 15-20 April 2007*.
11. Kostopoulou E., Tolika K., Tegoulis I, Giannakopoulos C., **Anagnostopoulou C.** And Maheras P. (2008). Regional Climate model temperature simulations compared with observed station data over the Balkan Peninsula. *Geophysical Research Abstracts*, Vol. 10 A-00000, *EGU General Assembly 2008 Vienna, Austria, April 2008*.
12. Kostopoulou E., Tolika K., Tegoulis I, Giannakopoulos C., **Anagnostopoulou C.** And Maheras P. (2008). An assessment of strength and weaknesses of ENSEMBLES Regional Climate models in detecting climate extremes for the Mediterranean region. *7<sup>th</sup> European Conference on Applied Climatology*, Amsterdam, 29 September-3 October 2008.
13. **Anagnostopoulou C.**, Tolika K., Kostopoulou E. Karipidou S and Maheras P. (2008) Assessment of extreme rainfall conditions over Europe: an application of the GEV method to long-time series. *European Meteorological Society 9<sup>th</sup> EMS/7<sup>th</sup> ECAC*, Amsterdam, 29 September-3 October 2008.
14. HA Flocas, M Hatzaki C **Anagnostopoulou**, K Tolika, I Tegoulis, P Maheras (2008) Relationship of large scale circulation with climatic extremes over Greece: intercomparison of three regional models. Vol 5, EMS2008-A-00438, 9th Annual Meeting of the EMS/7TH ECAC, September 2008
15. C Giannakopoulos, E Kostopoulou, K Tolika, C **Anagnostopoulou**, P Maheras, K Tziotziou, (2008) Assessment of changes in climate, extremes and associated sectoral impacts using high resolution regional climate model scenarios for the Eastern Mediterranean. EMS2008-A-00420, 8th Annual Meeting of the EMS/7TH ECAC, September 2008
16. E Kostopoulou, K Tolika, C Giannakopoulos, I Tegoulis, K Tziotziou, C **Anagnostopoulou**, P Maheras (2008) Using ENSEMBLES regional climate Models to detect changes in future climate and extremes in the eastern Mediterranean region. *Plinius Conference Abstracts*, 10th Plinius Conference on Mediterranean Storms, Vol 10, PLINIUS10-A-00019, 2008
17. Flocas, H.A., Hatzaki, M., **Anagnostopoulou, C.**, Tolika, K., Kostopoulou E., Tegoulis J., (2009): Association of large scale circulation with climatic extremes over the Mediterranean: validation

- of three regional models European Geosciences Union 2009, 19-24 April 2008, Vienna, Austria, Vol. 11, EGU2009-8715
18. **Anagnostopoulou C.**, Tolika K. and Vafiadis M. (2010): A Future Estimation of the Surface Runoff in the Greek Region: A Case Study of one of the Main Catchments Areas (Aravissos – Central Macedonia). 8th European Conference on Applied Climatology, Zurich, 13-17 September 2010.
  19. **Anagnostopoulou C.**, and Tolika K. (2010): Extreme precipitation over Europe: Comparison of threshold selection methods. 8th European Conference on Applied Climatology, Zurich, 13-17 September 2010
  20. K Tolika, C **Anagnostopoulou**, I Tegoulis and M Vafiadis (2010). Assessing Future Changes in Extreme Precipitation Conditions over Greece: An Investigation of their Links with Circulation Types. *PLINIUS12* – 21, 2010.
  21. **Anagnostopoulou C**, Tolika K, Tegoulis I, Velikou K, and Vagenas C (2013) Assessment of ENSEMBLES regional climate models for the representation of monthly wind characteristics in the Aegean Sea (Greece): Mean and extremes analysis. Vol. 15, EGU2013-2938, 2013.
  22. Tolika K, **Anagnostopoulou C**, Maheras P and Velikou K (2013) Extreme temperature contrast of the year 2012 in Greece: An exceptionally cold winter and a record breaking summer. Vol. 15, EGU2013-2922, 2013
  23. Tegoulis I, **Anagnostopoulou C**, Tolika K, Velikou K, and Vagenas C (2013) Effects of regional climate model spatial resolution on 10m wind field over the Aegean Sea. Vol. 10, EMS2013-642
  24. Velikou K., **Anagnostopoulou C.**, Tolika K. (2014). Impacts of topography and land cover changes on regional climate over the eastern Mediterranean. European Geosciences Union General Assembly 2014, Vienna - Austria, 27 April - 2 May 2014, Vol. 16, EGU2014-761.
  25. Angelisa V., Loupasakis C., **Anagnostopoulou C.** (2015) Climate change induced landslide hazard mapping over Greece – A case study in Pelion Mountain (SE Thessaly, central Greece). EGU General Assembly 2015, vol.17, -590
  26. Skoulikaris, Ch., Zafirakou, A., **Anagnostopoulou, Ch.**, Tolika, K., Doulgeris, Ch., Papadimos, D., Triantafillidis, S., Koutrakis, M. (2016). Assessment of minimum water level and flow in water bodies in Greece under the impact of climate change. Proceedings of the 13th International Conference on Protection and Restoration of the Environment, Eds: Kungolos A. et al, 3 - 8 July, 2016, Mykonos, Greece. 80p ISBN: 978-960-6865-94-7.
  27. **Anagnostopoulou C** (2016) ROC curves analysis of precipitation data in Greek region. 29th Hellenic Statistic Conference 4-7 May 2016, Thessaloniki - Naousa.
  28. Voudouris K., **Anagnostopoulou, C**, Kolokytha E., Venetsanou P., Pytharoulis I., Karacostas Th (2017): The impact of climate change on groundwater and adaptations measures, the case study of Thessaly., 1st Hellenic Conference of Climate Change, Karditsa 9-10 2017
  29. **Anagnostopoulou, C.** and **Tolika K** (2017) Climate Change Assessment in Thessaly, Impacts and Adaptation Measures, 1st Hellenic Conference of Climate Change, Karditsa 9-10 2017

## 5. PUBLICATIONS IN SPECIAL VOLUMES

1. Maheras P. Patrikas I. And Anagnostopoulou C. (1999). A study of the synoptic circulation of the extreme precipitation over Thessaloniki (>30mm/day). Special Issue «70 years of the Department of Meteorology and Climatology», 77-84 (in Greek).
2. Maheras P, Tolika K et Anagnostopoulou Chr (2003). Les Causes et les Caractéristiques de la Sécheresse en Grèce. Riscuri si Catastrofe, Universitatea “Babes-Boyal” Facultatea De Geografie, Centrul de Geografie Regionala Laboratorul de riscuri hazarde, Editor: Victor Sorocvski, Cluj – Napoca, 2003, Vol. II, 73-84
3. Tolika K, Maheras P και Anagnostopoulou C (2013) Precipitation Scenarios for Balkan peninsula using ENSEMBLES regional climate model. Special Issue dedicated to Prof. D. Tolika, 115-126. (in Greek)
4. Maheras P., Tolika K, Anagnostopoulou C, Velikou K, Pytharoulis I (2014). The thermal budget of 2012. Volume in honour of Professor Apostolos Flokas. Chelmis K. and P. Nastos (editors), National and Kapodistrian University of Athens, Zitis Publications, 107-116 (in Greek)

## 6. SCIENTIFIC – TECHNICAL REPORTS

---

- Trends of extreme precipitation and atmospheric extreme conditions in Greece during the period 1958-2000” (Deliverable D9), March 2003, 18p., STARDEX.
- Recommendations of the best predictor variables for extreme events” (Deliverable D10), November 2003, 88p., STARDEX
- Analysis of the results of the comparison between the representation of extremes using station data, upscaled station data and NCEP/NCAR re-analysis data” (Deliverable D11), May 2004, 24p., STARDEX
- Downscaling of extremes based on NCEP re-analysis data (1958-2000)” (Deliverable D12), September 2004, 25p., STARDEX
- Recommendations of the most reliable predictor variables and evaluation of Inter-relationships” (Deliverable D13), January 2005, 12p., STARDEX
- Recommendations on the more robust statistical and dynamical downscaling methods for the construction of scenarios of extremes” (Deliverable D16), September 2005, 16p., STARDEX
- Stardex scenarios information sheet: How will the occurrence of extreme weather events in Greece change by the end of the 21st century?” (Deliverable D18), May 2005, 3p., STARDEX
- Final report ENSEMBLE- based Predictions of climate changes and their Impacts. “Milestone 4.3.5: Mediterranean extremes in RCM scenario runs summarised. May 2008, 84p.
- Final Activity Report GABARDINE (Groundwater Artificial recharge Based on Alternative sources of water: aDvanced INtegrated technologies and management) “Climate Change and Water” (WP2 Precipitation, Aquifer Replenishment and Water Budget), May 2009, 43p.
- Final Report Latsis foundation 1st International Summer School. Environment: Climate- Climate Change – Impacts., August 2009, 58p.
- Tolika K, C Anagnostopoulou FINAL WP3 (CLIMATE CHANGE) – CC \_WATERS REPORT, September, 2010
- Tolika, C Anagnostopoulou, I Tegoulis Technical Report: Evaluation of the RCMs ability to reproduce atmospheric circulation and surface climate parameters over Greek Seas THALIS-CCSEAWAVS WP1. Climate simulations for the Greek Seas using regional climate models (RCMs) 30/06/2012
- Tolika K, C Anagnostopoulou, I Tegoulis, K. Velikou: Technical Report: Climate change simulations of mean and extreme parameters until the end of the 21st century. – Evaluation of RegCM3\_10km. THALIS-CCSEAWAVS, 30/9/2013
- Anagnostopoulou C, Tolika K, Tegoulis I, K. Velikou Vagenas C (2014) Evaluation of extreme wind speed , extreme temperature and deep cyclones for present and future. THALIS-CCSEAWAVS, March 2014
- Tolika K, Anagnostopoulou C (2016) Analysis of the climatic parameters in the two study regions. Improving the knowledge in determining the minimum water level and flow of water bodies The project (contract number 91967) is supported by the EEA Grants and the Ministry of Environment and Energy
- Anagnostopoulou C, Tolika K (2017) Π3.2 Future assessment of rainfall totals and temperature values in study regions of the lakes and the Nestos River. Improving the knowledge in determining the minimum water level and flow of water bodies. The project (contract number 91967) is supported by the EEA Grants and the Ministry of Environment and Energy.

## Journal Reviewer

---

1. Advances in Geosciences
2. Annales Geophysicae
3. Atmosphere

**Guest Editor, Special Issue “Temperature Extremes and Heat/Cold waves” 2016-2017”**  
2015-2016

4. Atmospheric research
5. Climate
  - Guest Editor, Special Issue “Climate Extremes: Observations and Impacts” 2015-2016**
  - Guest Editor, Special Issue “Climate Extremes: The Past and the Future” 2016-2017**
  - Guest Editor, Special Issue “Impact of Climate Change on Water Resources” 2018-2019**
6. Climate Dynamic
7. Climate Researche
8. GEOGRAPHIA POLONICA
9. International Journal of Climatology
10. **IPCC special report “Managing the risks of extreme events and disasters to advance Climate Change adaptation”, 2011**  
[https://www.ipcc.ch/pdf/special-reports/srex/SREX\\_Full\\_Report.pdf](https://www.ipcc.ch/pdf/special-reports/srex/SREX_Full_Report.pdf)
11. Journal of Climatology
12. Meteorology and Atmospheric Physics
13. Natural Hazards and Earth System Sciences
14. Physics and Chemistry of the Earth
15. Regional Environmental Change
16. Theoretical and Applied Climatology
17. Universal Journal of Geoscience
18. Water
19. Water resources Management

#### ADMINISTRATIVE APPOINTMENTS

---

- I. **Director** of Postgraduate Studies Program "Meteorology, Climatology and Atmospheric Environment", School of Geology, AUTH (2017 – present)
- II. **Coordinator**, “Public relations Committee”, School of Geology, AUTH (2014 – present)
- III. **Coordinator**, “Culture, Public relations and Excellence Committee”, Faculty of Sciences, AUTH (2014 – present)
- IV. Member of board of School of Geology, AUTH
- V. Member of board of Department of Meteorology and Climatology, School of Geology, AUTH

#### OTHER PROFESSIONAL – ORGANIZATION ACTIVITIES

---

- 2019:** Member of the Organizing Committee: **XXXIle International Conference of the Association Internationale de Climatologie. 29 May - 1 June 2019**
- 2016:** Member of the Organizing Committee: **14<sup>th</sup> International Conference of the Geological Society Of Greece. Thessaloniki 25-27 May 2016**
- 2009:** President of the Organizing Committee: **Latsis Foundation 1<sup>st</sup> International Summer School, Environment: Climate-Climate change-Impacts. Athens 8-15 July 2009**
- 2008:** Member of the Organizing Committee: **9<sup>th</sup> Pan-Hellenic (International) Conference in Meteorology Climatology and Atmospheric Physics. Thessaloniki, Greece 2008**
- 2008:** Member of the Organizing Committee: **Annual meeting of the EU-funded project GABARDINE, Thessaloniki, Greece.**
- 2000:** Member of the Organizing Committee: **5<sup>th</sup> Pan-Hellenic (International) Conference in Meteorology Climatology and Atmospheric Physics. Thessaloniki, Greece 2000**
- 1998:** Member of the Organizing Committee: **Final meeting of the ACCORD project 1998**

HONOURS AND AWARDS

---

**1999-2002     Scholarship of the Greek State Scholarships Foundation**

LANGUAGES

---

- Greek (**native speaker**)
- English (**Very Good**)

COMPUTING SKILLS

---

- **Microsoft Windows/Office**
- **STATISTICA, SURFER**
- **FORTRAN, R, Python, VISUAL BASIC**

PROFESSIONAL SOCIETY MEMBERSHIPS

---

- **European Geosciences Union.**
- **Hellenic Meteorological Society.**
- **Geotechnical Chamber of Greece.**