



CURRICULUM VITAE
of
Dr. GAVRIIL XANTHOPOULOS

Forester - Forest Fire Researcher

Birth Date : April 27, 1957
Birth Place : Thessaloniki, Greece
Citizenship : Greek
Work Status : Research Director
Organization : Hellenic Agricultural Organization "Demeter"
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UNIVERSITY STUDIES

1. Diploma (B.Sc.) in Forestry 1976-1981
Department of Forestry and Natural Environment
Aristotelian University of Thessaloniki, Greece.
2. Masters of Science (M.Sc.) in Forestry (Specialization in Forest Fires) 1984-1986
School of Forestry, University of Montana, Missoula, Montana, USA.
3. Doctor of Philosophy (Ph.D.) in Forestry (Specialization in Forest Fires) 1987-1990
School of Forestry, University of Montana, Missoula, Montana, USA.

PROFESSIONAL DEVELOPMENT STUDIES

1. Seminar on "Information acquisition - verification in Marketing - National Market sales" 1983
Greek Productivity Center (ELKEPA), Thessaloniki, Greece
2. S-330 (Sector boss (in forest firefighting)) 1985
Interagency Wildfire Coordinating Group, USA
3. S-390 (Intermediate Fire Behavior) 1985
Interagency Wildfire Coordinating Group, USA
4. Managing Fire Effects 1986
Northern Training Center, Interagency Training Group
5. Wildland Fire Investigation Training 1989
United States Department of Agriculture, Forest Service
6. Training as a consultant on matters of the European Union, with specialization in Agricultural problems (2 months) 1991
Greek Productivity Center (ELKEPA), Thessaloniki, Greece
7. Remote Sensing Applied to Agricultural Statistics: Regional Inventories 1993
Eurocourses - Joint Research Center, Commission of the European Union

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| 8. Short Course on Wildland Fire Behavior Modelling. | 1994 |
| Offered at the University of Coimbra, Portugal, following the 2 nd International Conference on Forest Fire Research. | |
| 9. Training on the ArcView GIS software package. | 1998 |
| Offered by Marathon Data Systems, Athens - ESRI representative in Greece | |

PROFESSIONAL CARRIER

After completing his forestry degree in 1981, Dr. Xanthopoulos served in the Greek Armed Forces and worked for a year for the Greek Forest Service before leaving in 1984 for the U.S.A. where he pursued his M.Sc. and Ph.D. degrees. Returning in Greece in 1990, he initially worked as research assistant for the Forest Research Institute of the National Agricultural Research Foundation (NAGREF) of the Ministry of Agriculture in Thessaloniki, and as assistant professor for the Forestry College in Drama, in northern Greece, in the academic year 1991-1992, teaching forestry and computer courses.

In 1992, he founded his own consulting firm “Natural Resource Technologies Consulting”. Through his firm he offered specialized consulting services and participated in many European research projects, in cooperation with the Mediterranean Agronomic Institute of Chania (MAICH), the Institute of Mediterranean Forest Ecosystems and Forest Products Technology (IMFE&FPT) of NAGREF in Athens, as well as with private enterprises such as Algosystems S.A., EPSILON International S.A., and CINAR S.A. In parallel with these activities, Dr. Xanthopoulos worked for IMFE&FPT for a year (1993-1994) and then served as advisor to the General Secretary of Forests and Natural Environment of Greece (1994-1996) on forest fire related issues, having direct involvement in operational fire management. Among his main activities in that period was participation in the yearly fire management planning for Greece, development of a computer based decision support system for water bomber dispatching, participation in the organization and training of the first airborne firefighter crews, introduction of systematic forest fire investigation training to the Greek Forest Service, a leading role in the design of forest fire prevention campaigns, and preparation of a yearly analysis the results of each fire season in a report that also included proposals for correction of existing problems and better future organization. Of special importance was the introduction, in 1996, of a daily fire danger prediction map for the first time in Greece, to be used as basis for presuppression planning for the country. He prepared this map through the 1996 and 1997 fire seasons.

In 1998 responsibility for forest firefighting was transferred to the Greek Fire Service which belonged to the Ministry of Public Order. In winter 1999 Dr. Xanthopoulos was asked to serve as advisor to the Minister of Public Order on forest fires related issues. From that position he offered planning advice and training to Fire Service officers and was also responsible for the daily preparation of the fire danger prediction map for the country for the summers of 1999, 2000 and 2001. He continued his direct involvement in this task until 2004. In parallel, from February 2001 till September 2002 he also served in a committee advising the General Secretary for Civil Protection in Greece.

In December 2001, Dr. Xanthopoulos resigned from his position at the Ministry of Public Order to accept a researcher position with the Institute of Mediterranean Forest Ecosystems & Forest Products Technology (IMFE&FPT) of the National Agricultural Research Foundation (NAGREF), in Athens. Currently, he is in charge of forest fire research at the Institute having participated in a significant number of fire related research projects while at the same time offering, upon request, support to the Greek operational organizations which are engaged in

forest fire prevention, suppression and post-fire mitigation. Since late 2011, the Institute belongs to the Hellenic Agricultural Organization "Demeter", a new public organization created from merging four organizations of the Ministry of Rural Development and Food, one of which was NAGREF. The name of the Institute was also shortened and became "Institute of Mediterranean Forest Ecosystems" (IMFE).

The research work of Dr. Xanthopoulos is substantial and is reflected in the table of research projects he has been involved with (shown below), being scientific responsible and manager for many of them, as well as in the long list of publications attached to this CV. Furthermore, Dr. Xanthopoulos participates in the post-graduate programs on Natural Disasters Management of the Department of Geology of the National and Kapodistrian University of Athens, and of the Department of Geography of the Harokopio University of Athens. As part of this involvement he offers lectures on forest fire management and serves as main advisor or committee member for the M.Sc. Theses and Ph.D. Dissertations of many graduate students.

At international level, from 1990 Dr. Xanthopoulos has offered his services to the European Commission numerous times, either as reviewer of scientific research proposals or by participating in policy development meetings. He has also participated in similar consultations for the Food and Agriculture Administration (FAO), has been a member of the UNECE/FAO Team of Specialists on Forest Fires, and is currently a member of the UNISDR Wildland Fire Advisory Group. He has participated in numerous international conferences, often as invited speaker.

Dr. Xanthopoulos has served as an associate editor for the "International Journal of Wildland Fire" for more than two decades and has also offered his services as a reviewer for this and many other scientific journals. He is a member of the Board of Directors of the International Association of Wildland Fire, and is also a member of the Geotechnical Chamber of Greece, and the Hellenic Forestry Association.

The research interests of Dr. Xanthopoulos include forest fire policy, fire prevention, forest fuel management, fire behaviour modelling, fire danger rating, forest firefighting and firefighter safety, and modern technologies application in forest fire management. He strongly promotes the concept of Integrated Forest Fire Management. His long track record in forest fire research in combination with his involvement with operational fire management have allowed him to build an in-depth understanding and balanced views on fire management policy issues. His emphasis is on work that can directly benefit the operational world of forest fire management, with which he maintains good links.

PARTICIPATION IN RESEARCH PROJECTS

YEAR	PROJECT
<i>2019-2021</i>	PREVAIL - PREvention Action Increases Large fire response preparedness- European Commission, Grant 826400 - PREVAIL - UCPM-2018-PP-AG
<i>2018-2022</i>	COST Action - "Fire in the Earth System: Science & Society" (FIRELINKS) – (COST Action CA18135 supported by the EU RTD Framework Programme)
<i>2019-2021</i>	Innovative action for the prevention of forest fires in Kythira through mobilization and cooperation of the population, as pilot in 3 settlements. Funding through the "Green Fund" of the Hellenic Ministry of Environment and Energy.

2018-2022	XENIOS - Combined platform of applications for the protection and promotion of cultural and tourist sites – Hellenic Republic Ministry of Economy & Development, and European Union, European Structural and Development Funds – Programme: ESPA 2014-2020 (Research-Create-Innovate), Project code: Τ1ΕΔΚ-02219, Action Code OPS- ESPA (MIS): 5031806
2014-2017	MedWildFireLab “Understanding global change drivers, impacts & indicators on forest ecosystems: a Mediterranean-scale approach (Global Change)” – ERANet FORESTERRA (“Enhancing FOrest RESearch in the MediTERRAnean through improved coordination and integration”).
2011-2019	“Investigation of the relation between the water potential of forest plants and forest fires” - Hellenic Agriculture Organization “DEMETER”
2011-2018	“Forest fire damage cost estimation” – Hellenic Agriculture Organization “DEMETER”
2012-2015	“Methodology for calculating forest land value in Greece” - (Special Secretariat of Forests, General Direction for Development and Protection of Forests and Natural Environment, funding through the “Green Fund” of the Ministry of Environment, Energy and Climate Change)
2012-2014	“Contribution to forest fire prevention in 2012-2013 with the INCA methodology” – (Special Secretariat of Forests, General Direction for Development and Protection of Forests and Natural Environment, funding through the “Green Fund” of the Ministry of Environment, Energy and Climate Change)
2009-2010	INCA – “Linking civil protection and planning by agreement on objectives” – (European Commission, DG Environment, Grant Agreement reference n° 070401/2008/507855/SUB/A3)
2009-2010	MASIFF – “Development of a methodology for the analysis of socioeconomic impact of forest fires and economic efficiency of fire management” – (Joint Research Centre (JRC) of the European Commission - Contract Notice No. 2008/S 116-154000 of 17/06/2008)
2008-2012	COST Action – “Post-Fire Forest Management in Southern Europe” – (COST Action FP0701 supported by the EU RTD Framework Programme)
2006-2009	SCIER – “Sensor & Computing Infrastructure for Environmental Risks” – (European Commission, Proposal/Contract No.: IST-5-035164)
2006-2008	“Forest fuels standardization and management methodology in Attica” - (Greek Ministry of Development, General Secretariat for Research and Technology, Project code: ATT-63)
2005-2010	DESURVEY – “A Surveillance System for Assessing and Monitoring Desertification” - (European Commission, 6th Framework Programme: Global Change & Ecosystems. Integrated Project Contract No. 003950)
2002-2006	EUFIRELAB - Euro-Mediterranean Wildland Fire Laboratory, a “wall-less” Laboratory for Wildland Fire Sciences and Technologies in the Euro-Mediterranean Region. – (EVR1-CT-2002-40028)
2002-2004	FIREGUARD - “Monitoring Forests at the Management Unit Level for Fire Prevention and Control” – (QLK5-CT-2001-00784)

2002-2004	ERAS - Extension Retardant Application System – (EVG1-CT-2001-00039)
2002-2004	AUTOHAZARD PRO – Automated fire and flood hazard protection system – (EVG1-CT-2001-00057)
2001-2003	WARM - Wildland-Urban Area Fire Risk Management – (EVG1-CT-2001-00044)
2001-2002	E-FIS - “Electronic On-line Decision Support System for Forest Fires” - Ten-Telecom Programme, (Contract No.C26789)
1998-2001	SALTUS - “Spot fires: Mechanisms analysis & modelling” - (ENV4-CT98-0701)
1998-2000	ACRE - “Additifs Chimiques Rheologie Evaluation” - (ENV4-CT98-0729)
1998-2000	“PROMETHEUS: System validation - management techniques for optimisation of suppression and minimisation of wildfire effects” - (ENV-CT97-0716)
1997-1998	FOMFIS – “FOrest Fire Management and Fire Prevention System” - (ENV4-CT96-0335)
1996-1998	“Management of standing burned timber after a wildfire” – (PENED ‘95 programme, Greek Ministry of Development, General Secretariat for Research and Technology).
1994-1996	PROMETHEUS – “Management techniques for optimization of suppression and minimization of wildfire effects” - (EV5V-CT94-0482)
1992-1994	"Modelling of Forest Fires" - (EV5V-CT91-0015)
1992-1994	"Greek Forest Fires" – NATO and Ministry of Agriculture funded project to the Aristotelian University of Thessaloniki
1991-1992	Forest fire decision support system - Project EPOCH-040 – EPOCH programme

PUBLICATIONS

- Xanthopoulos, G. 1986. A fuel model for fire behavior prediction in spotted knapweed (*Centaurea maculosa* L.) grasslands in western Montana. Masters Thesis. Univ. of Montana, MT, USA. 100 p.
- Xanthopoulos, G. 1988. Guidelines for burning spotted knapweed infestations for fire hazard reduction in western Montana. pp. 195-198. In proceedings - Symposium and Workshop on "Protecting People and Homes from Wildfire in the Interior West", October 6-8, 1987, Missoula, Montana, USA. USDA For. Serv. Gen. Tech. Rep. INT-251. 213 p.
- Xanthopoulos, G. 1988. Greek forest fires and property damage: A brief history. pp. 199-200. In proceedings - Symposium and Workshop on "Protecting People and Homes from Wildfire in the Interior West", October 6-8, 1987, Missoula, Montana, USA. USDA For. Serv. Gen. Tech. Rep. INT-251. 213 p.

- McAlpine, R. S., and G. Xanthopoulos. 1989. Predicted vs observed fire spread rates in ponderosa pine fuel beds: A test of American and Canadian Systems. pp. 278-294. In proceedings of the 10th Conference on Fire and Forest Meteorology, April 17-21, 1989, Ottawa, Canada. D.C. MacIver, H. Auld, and R. Whitewood, editors. 471 p.
- Xanthopoulos, G. 1990. Development of a wildland crown fire initiation model. Ph.D. Dissertation. Univ. of Montana, MT, USA. 152 p.
- Xanthopoulos, G., and R. H. Wakimoto. 1991. Development of a wildland crown fire initiation model. pp. 281-287. In proceedings of the 11th Conference on Fire and Forest Meteorology, April 16-19, 1991, Missoula, Montana. Andrews, P.L., and D. F. Potts, editors. Society of American Foresters, Bethesda, MD, USA. 616 p.
- Kailidis, D., and G. Xanthopoulos. 1991. The forest fire problem in Greece. Aristotelian University of Thessaloniki, Greece, Department of Forestry and Natural Environment, Forest Protection Laboratory. No. 3. 10 p.
- Xanthopoulos, G. 1992. Fire behavior prediction possibilities for Greek forests. pp. 199-203. In proceedings of 4th Panhellenic Forestry Conference on "Forestry and Regional Development", November 7-9, 1990, Karpenisi, Greece. Greek Forestry Association, Thessaloniki, Greece. 417 p. (in Greek).
- Xanthopoulos, G. 1992. Wildland crown fire hazard assessment. pp. 167-180. In proceedings of the United Nations ECE/FAO seminar on "Forest Fire Prevention, Land Use and People", October 29 - November 2, 1991, Athens, Greece. Ministry of Agriculture, Secretariat General for Forests and Natural Environment, Athens, Greece. 287 p.
- Xanthopoulos, G. 1992. Modern aids for improved use of aerial firefighting means. pp. 245-255. In proceedings of the conference on "Aerial Forest Fire Suppression", November 12-13, 1991, Thessaloniki, Greece. Coordinating Council for the Protection of Natural Environment and for Reforestation, Ministry of Macedonia and Thrace, Thessaloniki, Greece. 307 p. (in Greek).
- Xanthopoulos, G., and R. H. Wakimoto. 1993. A time-to-ignition - Temperature - Moisture relationship for branches of three western conifers. *Can. J. For. Res.* 23: 253 - 258.
- Xanthopoulos, G. 1994. Forest fire danger prediction in Greece. pp. 447-450. In proceedings of the international seminar on "Analysis of the Forest Fire Risk and Initial Attack", April 26-28 1993, Thessaloniki, Greece. Secretariat General of Forest and Natural Environment. 450 p. (in Greek).
- Xanthopoulos, G. 1994. Development of a decision support system for water bomber dispatching in Greece. pp. 139-149. In proceedings of the 2nd International Conference on Forest Fire Research, November 21-24, 1994, Coimbra, Portugal. Domingos Xavier Viegas, Univ. of Coimbra, Portugal. 1275 p.
- Eftichidis, G., G. Xanthopoulos, and V. Varela. 1994. A preparedness planning frame for forest fire prevention. pp. 105-112. In proceedings of the 2nd International Conference on Forest Fire Research, November 21-24, 1994, Coimbra, Portugal. Domingos Xavier Viegas, Univ. of Coimbra, Portugal. 1275 p.
- Eftichidis, G., V. Varela, and G. Xanthopoulos. 1994. Using induction for developing expert system modules of forest fire management information systems. Vol. I, A 06, pp. 123-130. In proceedings of the 2nd Int. Conf. on Forest Fire Research. November 21-24, 1994, Coimbra, Portugal. Domingos Xavier Viegas, publ. 1275 p.
- Xanthopoulos, G. 1995. Greece: the 1994 forest fire season. *International Forest Fire News (ECE/FAO)* 12: 9-11.
- Xanthopoulos, G. 1996. Greece: the 1995 forest fire season. *International Forest Fire News (ECE/FAO)* 14: 23-26.

- Xanthopoulos, G. 1996. Forest fire spread by firebrands. pp. 568-577. In proceedings of the 7th Panhellenic Forestry Conference on "Utilization of Forest Resources", October 11-13, 1995, Karditsa, Greece. Greek Forestry Association. 765 p. (in Greek).
- Xanthopoulos, G. 1996. Fires and pastoralism in forests. Pp. 30-39. In proceedings of the scientific workshop of the Greek Society for Grazing Management on "Pastoralism, fires and the environment". February 2, 1996, Thessaloniki, Greece. 119 p. (in Greek).
- Xanthopoulos, G. 1997. Greece: the 1996 forest fire season. International Forest Fire News (ECE/FAO) 16: 9-11.
- Xanthopoulos, G. 1997. Modelling spot fire behavior. pp. 81-87. In proceedings of the course on "Forest fires Risk and Management", May 27 - June 4, 1992, Porto Carras, Chalkidiki, Greece. European School of Climatology and Natural Hazards, D.G. XII, Commission of the European Communities. 443 p.
- Xanthopoulos, G. 1997. Modelling crown fire behavior. pp. 89-103. In proceedings of the course on "Forest fires Risk and Management", May 27 - June 4, 1992, Porto Carras, Halkidiki, Greece. European School of Climatology and Natural Hazards, D.G. XII, Commission of the European Communities. 443 p.
- Xanthopoulos, G. 1998. A methodology for forest fuel management planning in Mediterranean ecosystems. pp. 2043-2058. In proceedings of the 3rd Int. Conf. on Forest Fire Research. November 16-20, 1998, Luso-Coimbra, Portugal. Domingos Xavier Viegas, editor. Published by ADAI, Coimbra, Portugal. 2718 p.
- Lyrintzis G., G. Xanthopoulos, and P. Gagari. 1998. FOMFIS: a system for forest fire prevention and management.. Agricultural Research and Technology (National Agricultural Research Foundation): 7: 10-11.
- Lyrintzis G., G. Xanthopoulos, G. Baloutsos, and P. Gagari. 1998. Management and salvage of timber after forest fires. Agricultural Research and Technology (National Agricultural Research Foundation): 9: 4-5.
- Xanthopoulos G. 1998. Organization of forest firefighting in the USA. Pp. 39-46. In proceedings of the workshop on "Forest firefighting prospects in Greece and in Mediterranean Europe", December 3-4, 1998, Athens, Greece. Geotechnical Chamber of Greece. 191 p.
- Xanthopoulos G. 1998. Forest fires in Greece: Past, present and future. Epikentra (Foundation for Political Research and Advanced Education). 6: 62-71. (Special issue titled "Greek forests: myths and reality - Proposals for the present and for the future) (In Greek).
- Lyrintzis G., G. Baloutsos, P. Gagari, and G. Xanthopoulos, 1998. Forest fires in Greece: The day after. Epikentra (Foundation for Political Research and Advanced Education). 6: 84-94. (Special issue titled "Greek forests: myths and reality - Proposals for the present and for the future).
- Xanthopoulos, G. 1998. Crown fire behavior modelling. Pp. 143-159. In Proceedings of the Advanced Study Course on "Wildfire Management" held in Marathon, Greece, 6-14 October 1997. Edited by G. Eftichidis, P. Balabanis, and A. Ghazi. Published by Algosystems S.A. under the auspices of the European Commission, DG XII. 514 p.
- Xanthopoulos G., G. Lyrintzis, P. Gagari, and G. Baloutsos. 1999. SALVAGE: A computer based system for evaluating management -salvage alternatives for standing timber after a forest fire. Presented at the UNESCO International Scientific Conference on "Fires in the Mediterranean Forests: Prevention - Suppression - Soil Erosion – Reforestation", February 3-6, 1999, Athens, Greece.
- Xanthopoulos, G., and V. Varela. 1999. Forest fire risk distribution in Greece based on the data for the 1983-93 period. Geotechnical Scientific Issues (Geotechnical Chamber of Greece): vol. 10 (issue II) - No 2: 178-190 (in Greek).

- Xanthopoulos, G. 1999. International Cooperation on Wildfires. *Wildfire*. 8(3):35-40.
- Xanthopoulos, G. 1999. The 1998 forest fire season in Greece: A forest fire expert's account. *International Forest Fire News (ECE/FAO)* 20: 57-60.
- Gagari, P., G. Lyrintzis, G. Baloutsos and G. Xanthopoulos. 1999. Contribution of log-barriers on soil protection and vegetation recovery in an Aleppo pine forest after fire. Pp. 624-634. In proceedings of the 8th Panhellenic Forestry Conference on "Current Forestry Issues" of the Greek Forestry Association. April 6-8, 1998, Alexandroupoli, Greece. 765 p. (in Greek).
- Caballero, D., G. Xanthopoulos, D. Kallidromitou, G. Lyrintzis, M. Bonazountas, P. Papachristou, and O. Pacios. 1999. FOMFIS: Forest fire management and fire prevention system. Pp. 93-98. In proceedings of the International Symposium on "Forest Fires: Needs and Innovations". November 18-19, 1999, Athens, Greece. Published by CINAR S.A., Athens, Greece, under the auspices of the European Commission DG XII. 419 p.
- Dimitrakopoulos, A. P., G. Xanthopoulos, and V. Mateeva. 1999. Statistical classification of Mediterranean fuel types in Greece. pp. 125-131. In proceedings of the International Symposium on "Forest Fires: Needs and Innovations". November 18-19, 1999, Athens, Greece. Published by CINAR S.A., Athens, Greece, under the auspices of the European Commission DG XII. 419 p.
- Xanthopoulos, G. 2000. Principles of cooperation between organizations for forest fire defence: The example of the USA. pp. 176-185. In proceedings of the workshop on "Saving the forests of Attica, an urgent social need", January 18, 1999. Worker's Center of Athens (EKA). 335 p.
- Xanthopoulos, G. 2000. Greece: the 1999 forest fire season. *International Forest Fire News (ECE/FAO)* 22: 25-28.
- Xanthopoulos, G. 2000. Special difficulties in fighting fires in the urban Wildland interface. *Firefighting Review*. 80: 22-29 (in Greek).
- Xanthopoulos, G. 2000. Fire situation in Greece. *International Forest Fire News (ECE/FAO)* 23: 76-84.
- Xanthopoulos, G., and M. Manasi. 2001. Methodology for the development of fuel models for fire behavior prediction. Pp. 541-551. In proceedings of the 9th Panhellenic Forestry Conference of the Greek Forestry Association on "Protection of Natural Environment and rehabilitation of disturbed areas". October 17 - 20, 2000, Kozani, Greece. 736 p. (in Greek).
- Dimitrakopoulos, A.P., V. Mateeva, and G. Xanthopoulos. 2001. Fuel models for Mediterranean vegetation types in Greece. *Geotechnical Scientific Issues (Geotechnical Chamber of Greece): Series VI, vol. 12(3): 192-206 (in Greek)*.
- Gagari, P., G. Lyrintzis, G. Baloutsos, and G. Xanthopoulos. 2001. Contribution of log erosion barriers to soil protection and vegetation recovery after a wildfire in a *Pinus halepensis* forest, in Greece. Pp. 311-316. In proceedings of the International Conference on "Forest Research: A challenge for an integrated European approach". August 27-September 1, 2001, Thessaloniki, Greece. K. Radoglou, editor. National Agricultural Research Foundation – Forest Research Institute of Thessaloniki, Vassilika, Thessaloniki, Greece. 448 p.
- Xanthopoulos, G. 2002. Improving dispatching for forest fire control: Introduction to the workshop. Pp 3-4. In proceedings of the International Workshop on "Improving Dispatching for Forest Fire Control". December 6-8, 2001. Chania, Crete, Greece. G. Xanthopoulos, editor. Mediterranean Agronomic Institute of Chania, Chania, Crete, Greece. 162 p.

- Xanthopoulos, G. 2002. The forest fires of 1995 and 1998 on Penteli mountain. Pp 85-94. In proceedings of the International Workshop on "Improving Dispatching for Forest Fire Control". December 6-8, 2001. Chania, Crete, Greece. G. Xanthopoulos, editor. Mediterranean Agronomic Institute of Chania, Chania, Crete, Greece. 162 p.
- Caballero, D., D. X. Viegas, and G. Xanthopoulos. 2002. E-FIS: An electronic On-line Decision Support System for Forest Fires. Pp. 121-131. In proceedings of the International Workshop on "Improving Dispatching for Forest Fire Control". December 6-8, 2001. Chania, Crete, Greece. G. Xanthopoulos, editor. Mediterranean Agronomic Institute of Chania, Chania, Crete, Greece. 162 p.
- Xanthopoulos, G. 2002. The DISPATCH program for the dispatching of Canadair CL-215 and fire trucks in Greece. Pp. 133-141. In proceedings of the International Workshop on "Improving Dispatching for Forest Fire Control". December 6-8, 2001. Chania, Crete, Greece. G. Xanthopoulos, editor. Mediterranean Agronomic Institute of Chania, Chania, Crete, Greece. 162 p.
- Xanthopoulos, G. 2002. Forest firefighting organization and approaches to the dispatching of forces in the European Union: results of the workshop survey. Pp 143-153. In proceedings of the International Workshop on "Improving Dispatching for Forest Fire Control". December 6-8, 2001. Chania, Crete, Greece. G. Xanthopoulos, editor. Mediterranean Agronomic Institute of Chania, Chania, Crete, Greece. 162 p.
- Caballero, D., G. Xanthopoulos, D. X. Viegas, G. Bovio, P. Mace. 2002. Role of Internet in the decision-making sequence for wildland fire management in Europe: the E-FIS service. In Proc. 4th Int. Conf. on Forest Fire Research. November 18-23, 2002. Luso-Coimbra, Portugal (on CD) – Abstract p.26
- Xanthopoulos, G. 2002. Shrub removal cost estimation for fire hazard reduction in Mediterranean forest conditions. In Proc. 4th Int. Conf. on Forest Fire Research. November 18-23, 2002. Luso-Coimbra, Portugal. D.G. Viegas, Editor. Millpress Science Publishers, Rotterdam, The Netherlands. (on CD) – Abstract p. 33.
- Banninger, C., A. Almer, H. Ragam, J. Hogg, G. Xanthopoulos, I. Gitas, G. Kazakis, K. Kalabokidis, C. Coelho, A. Ferreira, C. Domigues, J. Rodrigez, M. Galante, F. Rego, M. Maia, H. Botelho, C. Loureiro, P. Fernandes. 2002. FIREGUARD: Mapping wildland fuels and infrastructure at the management unit level with very high spatial resolution satellite imagery for fire prevention and control in Mediterranean-type landscapes. In Proc. 4th Int. Conf. on Forest Fire Research. November 18-23, 2002. Luso-Coimbra, Portugal (on CD) – Abstract p. 65.
- Isabel B., D. Caballero, E. Ruiz, R. Sanchez, and G. Xanthopoulos. 2002. Some peculiarities and findings in the characterization of forest fuels in Tenerife Island (Spain). In Proc. 4th Int. Conf. on Forest Fire Research. November 18-23, 2002. Luso-Coimbra, Portugal (on CD) – Abstract p. 70.
- Xanthopoulos, G. and M. Manasi. 2002. A practical methodology for the development of shrub fuel models for fire behavior prediction. In Proc. 4th Int. Conf. on Forest Fire Research. November 18-23, 2002. Luso-Coimbra, Portugal. D.G. Viegas, Editor. Millpress Science Publishers, Rotterdam, The Netherlands. (on CD) – Abstract p.124.
- Xanthopoulos, G. 2003. Fires in the Wildland-Urban interface. *Firefighting Review*. 100:20-22 (in Greek).
- Xanthopoulos, G. 2004. Factors affecting the vulnerability of houses to wildland fire in the Mediterranean region. Pp. 85-92. In Proceedings of the International Workshop on "Forest Fires in the Wildland-Urban Interface and Rural Areas in Europe: an integral planning and management challenge", May 15-16, 2003, Athens, Greece. G. Xanthopoulos, editor. National Agricultural Research Foundation, Institute of

- Mediterranean Forest Ecosystems and Forest Products Technology, Athens, Greece. 239 p.
- Xanthopoulos, G., C. Labris, and C. Golfinos. 2004. The June 4, 2001 fire in the wildland urban interface areas of Northern Attica: Evolution, firefighting problems and damages. Pp. 19-28. In Proceedings of the International Workshop on "Forest Fires in the Wildland-Urban Interface and Rural Areas in Europe: an integral planning and management challenge", May 15-16, 2003, Athens, Greece. G. Xanthopoulos, editor. National Agricultural Research Foundation, Institute of Mediterranean Forest Ecosystems and Forest Products Technology, Athens, Greece. 239 p.
- Xanthopoulos, G. and V. Gouma. 2005. Forest fire management: The contribution of the Institute of Mediterranean Forest Ecosystems and Forest Products Technology. ETHIAGE – Trimonthly magazine of the National Agricultural Research Foundation, Athens, Greece. 20:7-9 (in Greek).
- Melissari, V., and G. Xanthopoulos. 2005. Post-fire re-vegetation on Hymettus mountain with regard to rehabilitation works. pp. 165-174. In proceedings of the 12th Panhellenic Forestry Conference on "Forest and Water" of the Panhellenic Forestry Association, October 2-5, 2005, Drama, Greece. Hellenic Forestry Society, Thessaloniki, Greece. 1st vol. 477 p. (in Greek).
- Xanthopoulos, G. 2006. Fires in the wildland-urban interface: a complex problem. ETHIAGE – Trimonthly magazine of the National Agricultural Research Foundation, Athens, Greece. 24:4-9 (in Greek).
- Xanthopoulos, G., D. Caballero, M. Galante, D. Alexandrian, E. Rigolot, and R. Marzano. 2006. Forest Fuels Management in Europe. pp. 29-46. In proceedings of the Conference on "Fuels Management—How to Measure Success", March 28-30, 2006, Portland, Oregon, USA. Andrews, P. L., and B. W. Butler, compilers. USDA Forest Serv., Rocky Mountain Research Station, Fort Collins, CO. RMRS-P-41. 809 p.
- Xanthopoulos, G., D. Ghosn and G. Kazakis. 2006. Evaluation of forest fire retardant removal from forest fuels by rainfall. *International Journal of Wildland Fire*. 15: 293-297.
- Xanthopoulos, G., D. Ghosn and G. Kazakis. 2006. Investigation of the wind speed threshold above which discarded cigarettes are likely to be moved by the wind. *International Journal of Wildland Fire*. 15: 567–576.
- Xanthopoulos, G., G. Maheras, V. Gouma, and M. Gouvas. 2006. Is the Keetch-Byram drought index (KBDI) directly related to plant water stress? Abstract p. 27. In "Forest Ecology and Management", Vol. 234, Supplement 1, D. X. Viegas (Ed.), Elsevier Publishers, Amsterdam. 289 p. Full text, in Proceedings of the 5th International Conference on Forest Fire Research. November 27-30, 2006, Figueira da Foz, Portugal (on CD).
- Kazanis, D., G. Xanthopoulos, M. Arianoutsou. 2006. Long-term post-fire evolution of understorey biomass in *Pinus halepensis* Mill. forests of Central Greece. Abstract p. 175. In "Forest Ecology and Management", Vol. 234, Supplement 1, D. X. Viegas (Ed.), Elsevier Publishers, Amsterdam. 289 p. Full text, in Proceedings of the 5th International Conference on Forest Fire Research. November 27-30, 2006, Figueira da Foz, Portugal (on CD).
- Gitas, I. Z., G. H. Mitri, G. Kazakis, D. Ghosn, and G. Xanthopoulos. 2006. Object-oriented analysis for wildland fuel type mapping using QuickBird imagery in Anopolis, Crete. Abstract p. 228. In "Forest Ecology and Management". Vol. 234, Supplement 1, D. X. Viegas (Ed.), Elsevier Publishers, Amsterdam. 289 p. Full text, in Proceedings of the 5th International Conference on Forest Fire Research. November 27-30, 2006, Figueira da Foz, Portugal (on CD).

- Xanthopoulos, G., P. Gagari, G. Lyrintzis, and G. Baloutsos. 2007. Post-fire management of burned timber. pp. 67-78. In proceedings of the Scientific Conference on «Rehabilitation of burned areas», December 13-14, 2001, Athens. Xanthopoulos, G. and M. Arianoutsou (eds). Ministry of Rural Development and Food, General Direction for Development and Protection of Forests and Natural Environment and Natural Agricultural Research Foundation. 219 p. (in Greek).
- Xanthopoulos, G. 2007. Conclusions – Findings of the Conference on the «Rehabilitation of burned areas» pp. 215-219. In proceedings of the Scientific Conference on «Rehabilitation of burned areas», December 13-14, 2001, Athens. Xanthopoulos, G. and M. Arianoutsou (eds). Ministry of Rural Development and Food, General Direction for Development and Protection of Forests and Natural Environment and Natural Agricultural Research Foundation. 219 p. (in Greek).
- Xanthopoulos, G. 2007. Forest fire policy scenarios as a key element affecting the occurrence and characteristics of fire disasters. p. 129. In book of abstracts of the “IV International Wildland Fire Conference”, May 13-17, 2007, Seville, Spain. Full paper on the CD accompanying the book of abstracts.
- Xanthopoulos, G. 2007. Forest fire related deaths in Greece: confirming what we already know. p. 339. In book of abstracts of the “IV International Wildland Fire Conference”, May 13-17, 2004, Seville, Spain. Full paper (12 p.) on the CD accompanying the book of abstracts.
- Xanthopoulos, G. 2007. Forest Fires in Greece: 10 years later. ETHIAGE – Trimonthly magazine of the National Agricultural Research Foundation, Athens, Greece. 28:6-9 (in Greek).
- Xanthopoulos, G. and G. Eftichidis. 2007. The fires of July 28, 2005 in the area of Rafina: Evolution, observations and lessons learned. pp 185-196. In proceedings of the 13th Panhellenic Forestry conference on “Development of mountain areas – Natural Environment Protection”, October 7-10, Kastoria, Greece. Hellenic Forestry Society, Thessaloniki, Greece.
- Xanthakis, M., and G. Xanthopoulos. 2007. Land use change evaluation in the area of Marathon in Attica since the end of the 19th century using Geographical Information Systems. pp. 491-467. In proceedings of the 13th Hellenic Forestry Association conference, October 7-10, Kastoria, Greece. 2nd vol., 558 p.
- Xanthopoulos, G., and D. Caballero. 2007. Fires in the wildland-urban interface: lessons from recent disasters. pp. 13-156. in “Tomorrow at risk: Natural and Technological disasters in Europe and Greece”. Sapountzaki, K. (ed.). Gutenberg publishing, Athens, Greece. 396 p.
- Xanthopoulos, G. 2007. Olympic Flames. *Wildfire*. 16(5):10-18.
- Xanthopoulos, G. 2008. Parallel lines. *Wildfire*. 17(1):8-20.
- Xanthopoulos, G. 2008. A Greek tragedy. *Fire & Rescue*. 68: 6-12
- Xanthopoulos, G. 2008. Greek Lessons. *Fire Risk management*. Aug. 2008: 8-12.
- Xanthopoulos, G. 2008. The disastrous fire season of 2007 in Greece: What went wrong and lessons learned for the future. In proceedings of the combined Forest Rural Fire Association of New Zealand (FRFANZ) and New Zealand Branch of the Institute of Fire Engineers conference on “Training for Fire Risk Management”, August 6-8, 2008, Palmerston North, New Zealand. (on CD).
- Xanthopoulos, G. 2008. People and the Mass Media during the fire disaster days of 2007 in Greece. pp. 494-506. In proceedings of the International Bushfire Research Conference on “Fire, Environment and Society” of the Bushfire Cooperative Research Centre and

- the Australasian Fire Emergency Service Authorities Council (AFAC), September 1-3, 2008, Adelaide, Australia. 570 p.
- Xanthopoulos, G. 2008. Who should be responsible for forest fires? Lessons from the Greek experience. pp. 189-202. In Proceedings of the "II International Symposium on Fire Economics, Planning and Policy: A Global View", April 19-22, 2004, Cordoba, Spain. USDA Forest Service, Pacific Southwest Research Station. PSW-GTR-208. 720 p.
- Xanthopoulos, G., and M. Xanthakis. 2008. Development of a model for the effect of fire on grazing lands and on the appearance of desertification trends. pp 299-305. In proceedings of the 6th Panhellenic Rangeland Management Conference on "Rangeland Management and Protected Areas", October 2-4, 2008, Leonidio, Arkadia, Greece. Ministry of Agricultural Development and Foods, General Direction for the Development and Protection of Forests and Natural Environment, and Hellenic Range and Pasture Society, Thessaloniki, Greece. 325 p. (in Greek)
- Xanthopoulos, G. 2008. The fire of August 26, 2007 that damaged Olympia: What happened and lessons learnt. pp. 58-64. In proceedings of the International Workshop on "Disaster Risk Management At World Heritage Properties", November 6-7, 2008, Olympia, Greece. Greek Ministry of Culture and UNESCO. 128 p.
- Xanthopoulos, G., S. Dosis, A. Karpi, and E. Panagiotidou. 2008. Forest fuel standardization and management methodology in Attica. ETHIAGE – Trimonthly magazine of the National Agricultural Research Foundation, Athens, Greece. 33:16-17 (in Greek).
- Manolakos E.S., Manatakis D., Xanthopoulos G. 2008. "Temperature Field "Modeling and Simulation of Wireless Sensor Network behavior during a spreading wildfire" In proceedings of the 16th European Signal Processing Conference (EUSIPCO 2008), Lausanne, Switzerland, August 25-29, 2008. Available at <http://www.eurasip.org/Proceedings/Eusipco/Eusipco2008/papers/1569101870.pdf>
- Xanthopoulos, G. 2008. Forest Fires in Greece 2007. International Forest Fire News (ECE/FAO) 37: 2-17.
- Xanthopoulos, G. 2009. Forest protection and firefighting. WWF Hellas. 151 p.
- Xanthopoulos, G. 2009. Wildland fires: Mediterranean. Crisis Response Journal. 5(3): 50-51.
- Xanthopoulos, G., S. Dosis, A. Karpi, E. Panagiotidou, and D. Souflis. 2009. Representative models of forest fuels for the region of Attica: Development and software for utilizing them. Pp 615-626. In proceedings of the 14th Panhellenic Forestry Conference, November 1-4, 2009, Patras, Greece. Hellenic Forestry Society, Thessaloniki, Greece. 1101 p. (in Greek, with English abstract).
- Athanasίου, M., and G. Xanthopoulos. 2009. Behavior of the large fires of 2007 in Greece. pp 00-00 In proceedings of the 14th Hellenic Forestry Society Conference on "Ecological and Socioeconomic Rehabilitation of Fire Affected Areas – Natural Environment Protection", November 1-4, 2009, Patras, Greece. Hellenic Forestry Society, Thessaloniki, Greece. 1101 p. (in Greek, with English abstract).
- Christakopoulos, P., M. Skarvelis, G. Xanthopoulos, D. Paronis, K. Kalabokidis, and I. Chatzopoulos. 2009. Wildfire interval and intensity effects to Pinus halepensis Mill natural regeneration (Preliminary results). pp 00-00 In proceedings of the 14th Hellenic Forestry Society Conference on "Ecological and Socioeconomic Rehabilitation of Fire Affected Areas – Natural Environment Protection", November 1-4, 2009, Patras, Greece. Hellenic Forestry Society, Thessaloniki, Greece. 1101 p. (in Greek, with English abstract).
- Petropoulos, G., O. Koris, G. Karantounias, G. Xanthopoulos, and W. Knorr. 2009. Investigation of combined use of multispectral high resolution satellite data and the CORINE 2000 land classification system for effective and rapid assessment of forest

- fire damages. pp 00-00 In proceedings of the 14th Hellenic Forestry Society Conference on “Ecological and Socioeconomic Rehabilitation of Fire Affected Areas – Natural Environment Protection ”, November 1-4, 2009, Patras, Greece. Hellenic Forestry Society, Thessaloniki, Greece. 1101 p. (in Greek, with English abstract).
- Xanthopoulos, G. 2009. Lessons learned from the dramatic fires of 2007 and 2009 in Greece. In proceedings of the Technical Meeting of the Fire Service: Capacity for Managing Forest Fires. November 18-19, 2009, Girona, Catalonia, Spain. Available at <http://www.jornadesbombers.ctfc.cat/ang/documentacio.htm>.
- Xanthopoulos G., D. X. Viegas, and D. Caballero. 2009. The fatal fire entrapment accident of August 24, 2007, near the village of Artemida, Iliia, Greece. In proceedings of the 10th Wildland Fire Safety Summit, April 27-30, 2009, Phoenix, Arizona, USA (on CD).
- Xanthopoulos G., D. X. Viegas, and D. Caballero. 2009. The fatal fire entrapment of Artemida (Greece) 2007. pp. 65-75. In “Recent Forest Fire Related Accidents in Europe”. Domingos Xavier Viegas (Editor). European Commission, Joint Research Centre, Institute for Environment and Sustainability. EUR 24121 EN. 75 p.
- Barbati, A., M. Arianoutsou, P. Corona, J. De Las Heras, P. Fernandes, F. Moreira, K. Papageorgiou, R. Vallejo, and G. Xanthopoulos. 2010. Post-fire forest management in southern Europe: a COST action for gathering and disseminating scientific knowledge. *iForest* 3: 5-7.
- Lyrantzis G., Baloutsos G., Karetos G., Daskalakou E.N., Xanthopoulos G., Tsagari C., Mantakas G., Bourletsikas A. 2010. Olympic Rebirth. *Wildfire* 19(1):12-20.
- Petropoulos G.P., K.P. Vadrevu, G. Xanthopoulos, G. Karantounias, M. Scholze. 2010. A Comparison of Spectral Angle Mapper and Artificial Neural Network Classifiers Combined with Landsat TM Imagery Analysis for Obtaining Burnt Area Mapping. *Sensors*. 10(3):1967-1985.
- Xanthopoulos, G. 2010. Examining the causes of large forest fires in Mediterranean countries. pp 22-23. In proceedings of the international workshop on “Assessment of Forest Fire Risks and Innovative Strategies for Fire Prevention”, 4-6 May, 2010, Rhodes, Greece. Ministerial Conference on the Protection of Forests in Europe. 46 p.
- Xanthopoulos, G. 2010. INCA Project: Risk prevention through «agreements on objectives» between the stakeholders. pp 29-31. In proceedings of the international workshop on “Assessment of Forest Fire Risks and Innovative Strategies for Fire Prevention”, 4-6 May, 2010, Rhodes, Greece. Ministerial Conference on the Protection of Forests in Europe. 46 p.
- Xanthopoulos, G., G. Lyrantzis, and G. Mantakas. 2010. Organization of the first airborne firefighting forces in Greece. *ETHIAGE – Trimonthly magazine of the National Agricultural Research Foundation, Athens, Greece*. 39:13-19 (in Greek).
- Xanthopoulos, G., C. Tsagari, E. Daskalakou, and K. Sapountzaki. 2010. Research project INCA: Cooperation of civil protection and spatial planning for the prevention and mitigation of risks from natural disasters. *ETHIAGE – Trimonthly magazine of the National Agricultural Research Foundation, Athens, Greece*. 40:20-22 (in Greek).
- Xanthopoulos, G., and M. Xanthakis. 2010. A fire-grazing-desertification model for the Mediterranean region. pp 68-71. In Proceedings of the DeSurvey Project Workshop “Understanding, Assessing and Monitoring Desertification”, 19 May, 2010, Athens, Greece. Dr. G. Xanthopoulos (ed.), Institute of Mediterranean Forest Ecosystems and Forest Products Technology, Athens, Greece. 91 p. (in Greek).
- Xanthopoulos, G., M. Xanthakis, and C. Vonitsanos. 2010. Forest cover evolution in Attica and assessment of desertification trends resulting from human activities, grazing and fires. pp 75-91. In Proceedings of the DeSurvey Project Workshop “Understanding,

- Assessing and Monitoring Desertification”, 19 May, 2010, Athens, Greece. Dr. G. Xanthopoulos (ed.), Institute of Mediterranean Forest Ecosystems and Forest Products Technology, Athens, Greece. 91 p. (in Greek).
- Athanasidou, M., and G. Xanthopoulos. 2010. Fire behaviour of the large fires of 2007 in Greece. In proceedings of the 6th International Conference on Forest Fire Research, 15-18 November 2010, Coimbra, Portugal. D.G. Viegas, Editor. ADAI/CEIF, University of Coimbra, Portugal. Abstract p. 336, full text on CD.
- Bonazountas, M., S. Kanellopoulos, G. Xanthopoulos, D. Caballero, and G. Martirano. 2010. “ArcFIRE”™. The Forest-Fire Management Platform. In proceedings of the 6th International Conference on Forest Fire Research, 15-18 November 2010, Coimbra, Portugal. D.G. Viegas, Editor. ADAI/CEIF, University of Coimbra, Portugal. Abstract p. 33, full text on CD.
- Bonazountas, M., S. Hadjiefthimiadis, T. Metelka, G. Xanthopoulos, JD. Decotignie, X. Tsilibaris, F. Giroud, D. X. Viegas, and D. Caballero. 2010. SCIER: Sensing & Computing Infrastructures for Environmental Risk. In proceedings of the 6th International Conference on Forest Fire Research, 15-18 November 2010, Coimbra, Portugal. D.G. Viegas, Editor. ADAI/CEIF, University of Coimbra, Portugal. Abstract p. 87.
- Manatakis, D. V., E.S. Manolakos, G. Xanthopoulos, A. Roussos, and D.X. Viegas. 2010. In-silico estimation of the temperature field induced by a moving fire – Modeling approach and validation using prescribed burn data. In proceedings of the 6th International Conference on Forest Fire Research, 15-18 November 2010, Coimbra, Portugal. D.G. Viegas, Editor. ADAI/CEIF, University of Coimbra, Portugal. Abstract p. 209, full text on CD.
- Moreira, F., A. Andersen, S.A.J. Anderson, D. Ascoli, J. Baeza, A. Barbati, B. Duguay, M. Finney, M. Gill, R. Keane, E. Rigolot, K. Ryan, D. Williams, and G. Xanthopoulos. 2010. A comparison of landscape planning approaches and practices for strategic fuel management in southern Europe, Australia, New Zealand and the USA. p. 18, in book of abstracts of the proceedings of the 6th International Conference on Forest Fire Research, 15-18 November 2010, Coimbra, Portugal. D.G. Viegas, Editor. ADAI/CEIF, University of Coimbra, Portugal.
- Xanthopoulos, G., and P. Noussia. 2010. Small scale evaluation of the width of a retardant-reinforced firebreak required to stop a wildland fire. In proceedings of the 6th International Conference on Forest Fire Research, 15-18 November 2010, Coimbra, Portugal. D.G. Viegas, Editor. ADAI/CEIF, University of Coimbra, Portugal. Abstract p. 147, full text on CD.
- Zianis, D., G. Xanthopoulos, K. Kalabokidis, G. Kazakis, D. Ghosn, and O. Roussou. 2011. Allometric equations for aboveground biomass estimation by size class for *Pinus brutia* Ten. trees growing in North and South Aegean Islands, Greece. *Eur. J. Forest Res.* 130: 145-160.
- Sapountzaki, K., S. Wanczura, G. Casertano, S. Greiving, G. Xanthopoulos, and F. F. Ferrara. 2011. Disconnected policies and actors and the missing role of spatial planning throughout the risk management cycle. *Natural Hazards.* 59:1445–1474.
- Williams, J., D. Albright, A.A. Hoffmann, A. Eritsov, P.F. Moore, J.C. Mendes De Morais, M. Leonard, J. San Miguel-Ayanz, G. Xanthopoulos, P. Van Lierop. 2011. Findings and Implications from a Coarse-Scale Global Assessment of Recent Selected Mega-Fires. pp. 27-40. In Proceedings “FAO at the Vth International Wildland Fire Conference”, 9-13 May, 2011, Sun City, South Africa. Working Paper FM/27/E, FAO, Rome, Italy. 168 p.

- Xanthopoulos, G., and N. Doulakakis. 2011. Investigation of opinions on the organization for the management of forest fires in Greece. p. 35. In the book of abstracts of the proceedings of the 15th Panhellenic Forestry conference, October 16-19, Karditsa, Greece. Hellenic Forestry Society, Thessaloniki, Greece (full paper on CD).
- Moreira, F., O. Viedma, M. Arianoutsou, T. Curt, N. Koutsias, E. Rigolot, A. Barbati, P. Corona, P. Vaz, G. Xanthopoulos, F. Mouillot, E. Bilgili. 2011. Landscape - wildfire interactions in southern Europe: Implications for landscape management. *Journal of Environmental Management*. 92: 2389-2402.
- Giannakopoulos, C. A., M. Hatzaki, A. Karali, A. Roussos, G. Xanthopoulos, and K. Kaoukis. 2011. Evaluating present and future fire risk due to climate change in the Mediterranean: a case study for Greece. 5-9 December, 2011, American Geophysical Union 2011 Fall Meeting, San Fransisco, USA. Poster paper (Abstract available at <http://adsabs.harvard.edu/abs/2011AGUFMGC13B0983G>)
- Giannakopoulos, C. A., M. Hatzaki, A. Karali, A. Roussos, G. Xanthopoulos, and K. Kaoukis. 2011. Evaluating present and future fire risk in Greece. pp. 181-185. In Proceedings of the 8th International EARSeL FF-SIG Workshop on “Advances in Remote Sensing and GIS applications in Forest Fire Management – From local to global assessments” 20 - 21 October 2011, Stresa (Italy), J. San-Miguel-Ayanz, I. Gitas, A. Camia, and S. Oliveira (editors). Joint Research Centre of the European Commission, Institute for Environment and Sustainability, EUR 24941 EN. 289 p.
- Kazanis, D., G. Xanthopoulos, and M. Arianoutsou. 2012. Understorey fuel load estimation along two post-fire chronosequences of *Pinus halepensis* Mill. forests in Central Greece. *J. Forest Research*. 17:105-109.
- Kalabokidis, K., G. Xanthopoulos, P. Moore, D. Caballero, G. Kallos, J. Llorens, O. Roussou, and C. Vasilakos. 2012. Decision support system for forest fire protection in the Euro-Mediterranean. *Eur. J. of Forest Res.* 131:597–608.
- Xanthopoulos, G., C. Bushey, C. Arnol, and D. Caballero. 2012. Characteristics of Wildland-Urban Interface areas in Mediterranean Europe, North America and Australia and differences between them. pp. 702-734. In proceedings of the 1st International Conference in Safety and Crisis Management in the Construction, Tourism and SME Sectors (1st CoSaCM), Nicosia, Cyprus, June 24-28, 2011. G. Boustras and N. Boukas (Eds). Brown Walker Press, Boca Raton, Florida., USA. 747 p.
- Xanthopoulos, G. 2012. Evolution of the forest fire problem in Greece and mitigation measures for the future. pp. 736-747. In proceedings of the 1st International Conference in Safety and Crisis Management in the Construction, Tourism and SME Sectors (1st CoSaCM), Nicosia, Cyprus, June 24-28, 2011. G. Boustras and N. Boukas (Eds). Brown Walker Press, Boca Raton, Florida., USA. 747 p.
- Moreira, F., M. Arianoutsou, V. R. Vallejo, J. de las Heras, P. Corona, G. Xanthopoulos, P. Fernandes, and K. Papageorgiou. 2012. Setting the scene for post-fire management. pp. 1-19. In: Moreira, F., M. Arianoutsou, P. Corona, and J. de las Heras (Eds.) *Post-Fire Management and Restoration of Southern European Forests*. Springer, Heidelberg. 329 p.
- Xanthopoulos, G., P. Fernandes, C. Calfapietra. 2012. Fire hazard and flammability of European forest types pp. 79-92. In Moreira, F., M. Arianoutsou, P. Corona, and J. De las Heras (Eds.). *Post-Fire Management and Restoration of Southern European Forests*. Springer, Heidelberg. 329 p.
- Xanthopoulos, G. 2012. Fire hazard and combustibility in different forest types. Chapter 1.2 in the e-book “Post-fire Management in Sothern Europe: An Electronic Handbook on Management and Restoration”. Jorge De Las Heras, Margarita Arianoutsou, Francisco

- Moreira and Vittorio Leone (Editors). Available at <http://www.uaeco.edu.gr/cost/e-book> (last accessed on 24-1-2018).
- Greiving, S., S. Pratzler-Wanczura, K. Sapountzaki, F. Ferri, P. Grifoni, K. Firus, and G. Xanthopoulos. 2012. Linking the actors and policies throughout the disaster management cycle by "Agreement on Objectives" – a new output-oriented management approach. *Nat. Hazards Earth Syst. Sci.*, 12:1085-1107.
- Xanthopoulos, G. 2012. Cypress (*Cupressus sempervirens*) and forest fires. pp. 49-56. In "Cypress and forest fires: a practical manual". Reports of the Training School held on May 23-27, 2011, in Florence, Italy. R. Danti, P. Raddi, G. Torraca, B. Moya, J. Moya (eds). MED Operational Programme "CypFire", Istituto per la Protezione delle Piante – Consiglio Nazionale delle Ricerche, Sesto Fiorentino, Italy. 240 p.
- Xanthopoulos, G. 2012. Fire management in times of economic difficulties in Greece. Presented at the UNISDR Global Wildland Fire Network / Wildland Fire Advisory Group 2012 Meeting, 30 June – 1 July 2012, Global Fire Monitoring Center (GFMC), Freiburg, Germany.
- Xanthopoulos, G. 2012. The forest fire phenomenon as a problem: Characteristics, confrontation approaches and overall management. pp 187-200. In A. Papageorgiou, G. Karetzos, and G. Katsadorakis (editors): "The Forest – An integrated approach". WWF Hellas, Athens, Greece. 265 p. (in Greek).
- Koutsias, N., G. Xanthopoulos, D. Founda, F. Xystrakis, F. Nioti, M. Pleniou, G. Mallinis, and M. Arianoutsou. 2013. On the relationships between forest fires and weather conditions in Greece from long-term national observations (1894–2010). *International Journal of Wildland Fire*. 22: 493-507.
- Xanthopoulos, G. 2013. Experiences and lessons learnt of fire management organization, practice and performance in Greece. pp. 41-61. In Proceedings of the International Symposium on Strategy Development of Forest Fire Policy and Organization. January 15-17, 2013, Seoul Education Cultural Center, Seoul, Republic of Korea. Korea Forest Research Institute. Seoul. 301 p.
- Karali, A., A. Roussos, C. Giannakopoulos, M. Hatzaki, G. Xanthopoulos, and K. Kaoukis. 2013. Evaluation of the Canadian Fire Weather Index in Greece and Future Climate Projections. *Advances in Meteorology, Climatology and Atmospheric Physics*, 2013, pp 501-508.
- Athanasίου, M., and G. Xanthopoulos. 2013. Observations of forest fire spread with firebrands. pp 30-38. In proceedings of the 16th Panhellenic Forestry Conference on the "Protection and Management of the Greek Forests in a Period of Economic Crisis and the Challenge of Natural Forestry", October 6-9, 2013, Thessaloniki, Greece. Hellenic Forestry Society, Thessaloniki, Greece. 1144 p. (in Greek).
- Grammalidis, N., K. Dimitropoulos, M. Athanasίου, and G. Xanthopoulos. 2013. Comparison of the predictions of the EFP fire spread assessment system against actual fire behaviour observations of fires in Greece and Turkey. pp 41-51. In proceedings of the 16th Panhellenic Forestry Conference on the "Protection and Management of the Greek Forests in a Period of Economic Crisis and the Challenge of Natural Forestry", October 6-9, 2013, Thessaloniki, Greece. Hellenic Forestry Society, Thessaloniki, Greece. 1144 p. (in Greek).
- Tsagari, K., G. Xanthopoulos, A. Roussos, E. Daskalakou, K. Sapountzaki, and S. Kalogirou. 2013. Assessment of the risk of destruction of houses from forest fire in the Wildland-Urban Interface: An approach with the help of volunteers. pp. 196-114. In proceedings of the 16th Panhellenic Forestry Conference on the "Protection and Management of the Greek Forests in a Period of Economic Crisis and the Challenge of Natural Forestry",

- October 6-9, 2013, Thessaloniki, Greece. Hellenic Forestry Society, Thessaloniki, Greece. 1144 p. (in Greek).
- Xanthopoulos, G., and M. Athanasiou. 2013. The evolution of the fire of August 21, 2009 in NE Attica and its suppression. pp. 73-83. In proceedings of the 16th Panhellenic Forestry Conference on the “Protection and Management of the Greek Forests in a Period of Economic Crisis and the Challenge of Natural Forestry”, October 6-9, 2013, Thessaloniki, Greece. Hellenic Forestry Society, Thessaloniki, Greece. 1144 p. (in Greek)
- Papageorgiou, C., Chronopoulou-Sereli, A. and G. Xanthopoulos. 2013. The process of restoration of Ilia after the mega-fires of 2007. pp. 297-307. In proceedings of the 16th Hellenic Forestry Society Conference, October 6-9, 2013, Thessaloniki, Greece. (in Greek, with English abstract).
- Karali, A., M. Hatzaki, C. Giannakopoulos, A. Roussos, G. Xanthopoulos, and V. Tenentes. 2014. Sensitivity and evaluation of current fire risk and future projections due to climate change: the case study of Greece. *Nat. Hazards Earth Syst. Sci.*, 14: 143-153.
- Xanthopoulos, G. 2014. Assessment of the burned area immediately after the fire. Pp. 14-17. In “Implementation Handbook: Methods and Planning for the Restoration of Forest Ecosystems and Landscapes following Natural Disasters or Other Interventions”. G. Karetsos, G. Xanthopoulos, E. Tsartsou, editors. Hellenic Agricultural Organization "Demeter", Institute of Mediterranean Forest Ecosystems and Forest Products Technology, Athens, Greece. 303 pp.
- Xanthopoulos, C. 2014. Management - harvesting of the standing timber capital. pp. 24-28. In “Implementation Handbook: Methods and Planning for the Restoration of Forest Ecosystems and Landscapes following Natural Disasters or Other Interventions”. G. Karetsos, G. Xanthopoulos, E. Tsartsou, editors. Hellenic Agricultural Organization "Demeter", Institute of Mediterranean Forest Ecosystems and Forest Products Technology, Athens, Greece. 303 pp.
- Xanthopoulos, G., and I. Kousaridas. 2014. Hose laying rates for forest firefighting in Greece. pp. 1411-1415. In proceedings of the 7th International Conference on Forest Fire Research on “Advances in Forest Fire Research”, November 17-20, 2014. Coimbra, Portugal. Viegas D. X., (editor). ADAI/CEIF, University of Coimbra, Portugal. 1919 p.
- Xanthopoulos, G., A. Roussos, C. Giannakopoulos, A. Karali, and M. Hatzaki. 2014. Investigation of the weather conditions leading to large forest fires in the area around Athens, Greece. pp. 1207-1212. In proceedings of the 7th International Conference on Forest Fire Research on “Advances in Forest Fire Research”, November 17-20, 2014. Coimbra, Portugal. Viegas D. X., (editor). ADAI/CEIF, University of Coimbra, Portugal. 1919 p.
- Athanasiou, M., and G. Xanthopoulos. 2014. Wildfires in Mediterranean shrubs and grasslands, in Greece: In situ fire behaviour observations versus predictions. pp. 488-499. In proceedings of the 7th International Conference on Forest Fire Research on “Advances in Forest Fire Research”, November 17-20, 2014. Coimbra, Portugal. Viegas D. X., (editor). ADAI/CEIF, University of Coimbra, Portugal. 1919 p.
- Simos, M., and G. Xanthopoulos. 2014. Assessment of the effectiveness of the forest fire fighting ground forces in Greece. pp. 665-672. In proceedings of the 7th International Conference on Forest Fire Research on “Advances in Forest Fire Research”, November 17-20, 2014. Coimbra, Portugal. Viegas D. X., (editor). ADAI/CEIF, University of Coimbra, Portugal. 1919 p.
- Velizarova, E., T. Stankova, M. Glushkova, G. Xanthopoulos, V.I. Konstantinov, and D. N. Dimitrova. 2014. Fuel types identification for forest fire risk assessment in Bulgaria.

- pp. 115. In proceedings of the 7th International Conference on Forest Fire Research on “Advances in Forest Fire Research”, November 17-20, 2014. Coimbra, Portugal. Viegas D. X., (editor). ADAI/CEIF, University of Coimbra, Portugal. 1919 p.
- Tedim, F., G. Xanthopoulos, and V. Leone. 2015. Forest Fires in Europe: Facts and Challenges. pp. 77-99. In “Wildfire Hazards, Risks, and Disasters”. D. Paton (editor). Elsevier, Amsterdam, Netherlands. 268 p.
- Tedim, F., V. Leone, and G. Xanthopoulos. 2015. Wildfire risk management in Europe: the challenge of seeing the ‘forest’ and not just the ‘trees’. *Wildfire*. 24(2):18-19
- Tedim, F., V. Leone, and G. Xanthopoulos. 2015. Wildfire risk management in Europe: the challenge of seeing the ‘forest’ and not just the ‘trees’. pp. 213-238. In proceedings of the 13th International Wildland Fire Safety Summit & 4th Human Dimensions of Wildland Fire Conference, April 20-24, 2015, Boise, Idaho, USA. International Association of Wildland Fire. 241 p.
- Xanthopoulos, G. 2015. Wildfire and safety issues in Greece. pp.157-175. In “Current International Perspectives on Wildland Fires, Mankind and the Environment”. B. Leblon and M. C. Alexander (editors). Nova Publishers, New York, USA. 262 p.
- Xanthopoulos G., M. Athanasiou, and N. Ziogiannis. 2015. Use of fire for wildfire suppression during the fires of 2007 in Greece. p. 111. In Book of abstracts of the II International Conference on Fire Behaviour and Risk, 26-29 May 2015, Alghero, Italy. Institute of Biometeorology (Sassari) of the National Research Council of Italy. 197 p.
- Karma, S., E. Zorba, G.C. Pallis, G. Statheropoulos, I. Balta, K. Mikedi, J. Vamvakari, A. Pappa, M. Chalaris, G. Xanthopoulos, and M. Statheropoulos. 2015. Use of unmanned vehicles in search and rescue operations in forest fires: Advantages and limitations observed in a field trial. *International Journal of Disaster Risk Reduction* 13: 307-312.
- Xanthopoulos, G. 2015. Forest fires in Greece: Past present and future. pp. 141-151. In “Wildland Fires: A Worldwide Reality”. António José Bento Gonçalves and António Avelino Batista Vieira (editors). Nova Science Publishers, New York, USA. 229 p.
- Xanthopoulos, G. 2015. Fire Management in Greece in Financially Troubled Times. Book of abstracts of the 6th International Wildland Fire Conference, 12-16 October 2015, Pyeongchang, S. Korea.
- Xanthopoulos, G., A. Skouteri, N. Theodoridis, D. Palaskas, and K. Almpanis. 2015. Methodology for valuation of forest land in Greece. pp. 212-223. In proceedings of the 17th Panhellenic Forestry Conference, October 4-7, 2015, Argostoli, Kefalonia, Greece. Hellenic Forestry Society, Thessaloniki, Greece. 979 p. (in Greek).
- Palaskas, D., G. Xanthopoulos, K. Almpanis, and A. Skouteri. 2015. Geographical distribution of the value of forest ecosystems in Greece using geospatial data. pp. 223-232. In proceedings of the 17th Panhellenic Forestry Conference, October 4-7, 2015, Argostoli, Kefalonia, Greece. Hellenic Forestry Society, Thessaloniki, Greece. 979 p. (in Greek).
- Platanianaki, A., I. Mitsopoulos, G. Xanthopoulos, and G. Mallinis. 2015. Wildfire Threat Analysis of Residential Structures in a Typical Wildland Urban Interface of Greece. pp. 746-752. In proceedings of the 17th Panhellenic Forestry Conference, October 4-7, 2015, Argostoli, Kefalonia, Greece. Hellenic Forestry Society, Thessaloniki, Greece. 979 p. (in Greek).
- Tsevreni, I., and G. Xanthopoulos. 2015. Healing the alienation of young generations from nature. For Environmental Education. Vol. 10(55). Accessible at <http://www.peakpemagazine.gr/article/θεραπεύοντας-την-αποξένωση-των-νέων-γενιών-από-τη-φύση> (in Greek).

- Mitsopoulos, I., and G. Xanthopoulos. 2016. Effect of stand, topographic, and climatic factors on the fuel complex characteristics of Aleppo (*Pinus halepensis* Mill.) and Calabrian (*Pinus brutia* Ten.) pine forests of Greece. *Forest Ecology and Management*. 360:110-121.
- Mitsopoulos, I., P. Trapatsas, and G. Xanthopoulos. 2016. SYPYDA: A software tool for fire management in Mediterranean pine forests of Greece. *Computers and Electronics in Agriculture*. 121:195–199.
- Mitsopoulos, I., and G. Xanthopoulos. 2016. Predicting surface fuel characteristics using stand variables in Aleppo and Calabrian pine forests of Greece. *Geotechnical Scientific Issues (Geotechnical Chamber of Greece)*: 25(4):22-37. (in Greek, with abstract in English).
- Diakakis, M., G. Xanthopoulos, and L. Gregos. 2016. Analysis of forest fire fatalities in Greece: 1977–2013. *International Journal of Wildland Fire*. 25:797–809.
- Tedim, F., V. Leone, and G. Xanthopoulos. 2016. A wildfire risk management concept based on a social-ecological approach in the European Union: Fire Smart Territory. *International Journal of Disaster Risk Reduction*. 18:138–153.
- Xanthopoulos, G. 2016. Forest fire prevention in Greece based on a participatory methodology. pp. 44-45. In *Book of Abstracts of the FORESTFIRE 2016 International Conference on Forest Fires and WUI Fires*. May 25-27, 2016, Aix-en-Provence, France. IRSTEA, Aix-en-Provence, France.92 p.
- Athanasiou, M., and G. Xanthopoulos. 2016. The wildfire of 17 July 2015, at the Faraklo village, Lakonia, Greece and its suppression. P. 60. In *Book of Abstracts of the FORESTFIRE 2016 International Conference on Forest Fires and WUI Fires*. May 25-27, 2016, Aix-en-Provence, France. IRSTEA, Aix-en-Provence, France.92 p.
- Krekoukis, I., G. Xanthopoulos, I. Anagnostopoulos, and D. Papantonis. 2016. Typhoon: A new firefighting tool that improves water use effectiveness and efficiency. P. 59. In *Book of Abstracts of the FORESTFIRE 2016 International Conference on Forest Fires and WUI Fires*. May 25-27, 2016, Aix-en-Provence, France. IRSTEA, Aix-en-Provence, France.92 p.
- Xanthopoulos, G. 2016. Forest fires, their management in Greece and its reflection in Attica. *Geographies*. 27:72-88 (in Greek with English abstract).
- Tsevreni, I., and G. Xanthopoulos. 2016. Developing an environmental education pedagogic methodology for strengthening the relation of city people with nature. For *Environmental Education*. Vol. 12(57). Accessible at <http://www.peakpemagazine.gr/issue/594> (in Greek).
- Papakosta, P, G. Xanthopoulos, and D. Straub. 2017. Probabilistic prediction of wildfire economic losses to housing in Cyprus using Bayesian network analysis. *International Journal of Wildland Fire*. 26:10-23.
- Fares, S., S. Bajocco, L. Salvati, N. Camarretta, J.L. Dupuy, G. Xanthopoulos, M. Guijarro, J. Madrigal, C. Hernando, and P. Corona. 2017. Characterizing potential wildland fire fuel in live vegetation in the Mediterranean region. *Annals of Forest Science* 74(1):1 <https://doi.org/10.1007/s13595-016-0599-5>.
- Xanthopoulos, G. 2017. Organization and training in forest fire management and suppression in Mediterranean Europe. pp. 680-694. In *proceedings of the 18th Panhellenic Forestry Conference*, October 8-11, 2017, Edessa, Greece. Hellenic Forestry Society, Thessaloniki, Greece. 979 p. (in Greek with abstract in English). 1742 p.
- Athanasiou, M., G. Xanthopoulos, A. Martinis, T. Foukis, and S. Gaitani. 2017. Development of a fuel model for *Cistus spp.* in Greece. pp. 702-709. In *proceedings of the 18th Panhellenic Forestry Conference*, October 8-11, 2017, Edessa, Greece. Hellenic

- Forestry Society, Thessaloniki, Greece. 979 p. (in Greek with abstract in English). 1742 p.
- Tedim, F., V. Leone, M. Amraoui, C. Bouillon, M. Coughlan, G. Delogu, P. Fernandes, C. Ferreira, S. McCaffrey, T. McGee, J. Parente, D. Paton, M. Pereira, L.M. Ribeiro, D. X. Viegas, and G. Xanthopoulos. 2018. Defining Extreme Wildfire Events: Difficulties, Challenges, and Impacts. *Fire*, 1(1), p.9. Available at: <http://dx.doi.org/10.3390/fire1010009>.
- Arapostathis, S. G., E. Lekkas, K. Kalabokidis, G. Xanthopoulos, G. Drakatos, N. Spirou, and I. Kalogeras. 2018. Developing seismic intensity maps from twitter data; The case study of Lesvos, Greece 2017 earthquake: Assessments, improvements and enrichments on the methodology. *The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences, Volume XLII-3/W4, 2018 GeoInformation For Disaster Management (Gi4DM)*, 18–21 March 2018, Istanbul, Turkey.
- Arapostathis, S., N. Spyrou, G. Drakatos, K. Kalabokidis, E. Lekkas, and G. Xanthopoulos. 2018. Mapping information related to floods, extracted from VGI sources, for effective disaster management within the Greek territory; the floods of West Attica (November 2017 Greece) case study. In *proceedings of the 11th International Conference of the Hellenic Geographical Society on "Innovative Geographies: Understanding and Connecting our World"*, April 12-15, Lavrion, Attica, Greece.
- Xanthopoulos, G. 2018. Kythira and forest fires. *The Nature (Hellenic Society for the Protection of Nature)*. 160: 24-26.
- Mantzanas, K., Ch. Evangelou, V. Papanastasis, A. Solomou, G. Lyrintzis, S. Ispikoudis, G. Xanthopoulos, K. Tsagari, and G. Karetsos. 2018. Restoration of pseudoalpine belt meadows in the National Park of Oiti. p. 295-301. In *proceedings of the 9th Pan-Hellenic Congress on Range Management, Larissa, 9-12 October 2018*, Parisi Z. and P. Kakouros P. (editors). Hellenic Range and Pasture Society, Thessaloniki. 450 pp.
- Athanasiou, M., and G. Xanthopoulos. 2018. Observations on wildfire spotting occurrence and characteristics in Greece. pp. 588-597. In *“Advances in Forest Fire Research 2018”*, Viegas D. X., (editor). ADAI/CEIF, University of Coimbra, Portugal. 1414 p.
- Xanthopoulos, G., and M. Athanasiou. 2018. The fires of Mount Hymettus near Athens Greece (1996-2017): history and fire behavior characteristics. pp. 661-669. In *“Advances in Forest Fire Research 2018”*, Viegas D. X., (editor). ADAI/CEIF, University of Coimbra, Portugal. 1414 p.
- Xanthopoulos, G., M. Athanasiou, and K. Kaoukis. 2018. The tragedy of 23rd July 2018 in Eastern Attica and lesson learned. *Demeter (trimonthly publication of the Hellenic Agricultural Organization “Demeter”)*. 23:4-7.
- Xanthopoulos, G. 2018. Forest fire management in Greece under financial crisis conditions. pp. 119-130 in *“Current issues in natural and human-caused disasters”*. Dandoulaki, M., Karymbalis E. and Skordili, S., editors. Harokopio University, Athens, Greece. 254 p. (in Greek)
- Rego, F. C., J. M. Moreno, V. R. Vallejo, and G. Xanthopoulos. 2018. Forest Fires - Sparking firesmart policies in the EU. N. Faivre (editor). Directorate-General for Research and Innovation Climate Action and Resource Efficiency. 48 p.
- Goldammer, J., G. Xanthopoulos, G. Eftichidis, G. Mallinis, I. Mitsopoulos, and A. Dimitrakopoulos. 2019. Report of the Independent Committee tasked to Analyze the Underlying Causes and Explore the Perspectives for the Future Management of Landscape Fires in Greece. The Global Fire Monitoring Center (GFMC). 155 p. (In Greek, executive summary in English).

- Molina-Terrén, D. M., G. Xanthopoulos, M. Diakakis, L. Ribeiro, D. Caballero, G. Delogu, D. X. Viegas, C. Silva, and A. Cardil. 2019. Analysis of forest fire fatalities in Southern Europe: Spain, Portugal, Greece and Sardinia (Italy). *International Journal of Wildland Fire*, 28(2), 85-98.
- Xanthopoulos, G., and M. Athanasiou. 2019. Attica region Greece, July 2018. *Wildfire*. 28(2): 18-21.
- Xanthopoulos, G., and N. Nikolov. 2019. Wildfires and fire management in the Eastern Mediterranean, Southeastern Europe, and Middle East regions. *Fire Management Today*, 77(1): 29-38.
- Xanthopoulos, G., M. Athanasiou, G. Kazakis, D. Ghosn, and K. Kaoukis. 2019. Backfire and its use in Greece. pp. 255-267. In proceedings of the 19th Panhellenic Forestry Conference, September 29-October 2, 2019, Litchoro, Greece. Hellenic Forestry Society, Thessaloniki, Greece (in Greek with abstract in English). 675 p.
- Goldammer, J., G. Xanthopoulos, G. Eftichidis, G. Mallinis, I. Mitsopoulos, and A. Dimitrakopoulos. 2019. A year after Greece's wildfire disaster. *Crisis Response Journal*. 14(4): 26-30.
- Moreira, F., D. Ascoli, H. Safford, M. A. Adams, J. M. Moreno, J. M.C. Pereira, F. X. Catry, J. Armesto, W. Bond, M. E. González, T. Curt, N. Koutsias, L. McCaw, O. Price, J. G. Pausas, E. Rigolot, S. Stephens, C. Tavsanoğlu, V. R. Vallejo, B. W. Van Wilgen, G. Xanthopoulos, P. M. Fernandes. 2020. Wildfire management in Mediterranean-type regions: paradigm change needed. *Environmental Research Letters*. 15(1), 011001.
- Tedim, F., V. Leone, M. Coughlan, C. Bouillon, G. Xanthopoulos, D. Royé, F. J.M. Correia, and C. Ferreira. 2020. Extreme wildfire events: The definition. pp. 3-29. In "Extreme Wildfire Events and Disasters", F. Tedim, V. Leone and T. McGee, editors. Elsevier, Amsterdam, the Netherlands. 271 p.
- Ribeiro, L. M., D. X. Viegas, M. Almeida, T.K. McGee, M. G. Pereira, J. Parente, G. Xanthopoulos, V. Leone, G. M. Delogu, H. Hardin. 2020. Extreme wildfires and disasters around the world: lessons to be learned. pp. 31-51. In "Extreme Wildfire Events and Disasters", F. Tedim, V. Leone and T. McGee, editors. Elsevier, Amsterdam, the Netherlands. 271 p.
- Xanthopoulos, G., G. M. Delogu, V. Leone, F. J. M. Correia, and C. G. Magalhaes. 2020. Firefighting approaches and extreme wildfires. pp. 117-132. In "Extreme Wildfire Events and Disasters", F. Tedim, V. Leone and T. McGee, editors. Elsevier, Amsterdam, the Netherlands. 271 p.
- Xanthopoulos, G., V. Leone, and G. M. Delogu. 2020. The suppression model fragilities: The "firefighting trap". pp. 135-153. In "Extreme Wildfire Events and Disasters", F. Tedim, V. Leone and T. McGee, editors. Elsevier, Amsterdam, the Netherlands. 271 p.
- Leone, V., F. Tedim, and G. Xanthopoulos. 2020. Fire Smart Territory as an innovative approach to wildfire risk reduction. pp. 201-215. In "Extreme Wildfire Events and Disasters", F. Tedim, V. Leone and T. McGee, editors. Elsevier, Amsterdam, the Netherlands. 271 p.
- Xanthopoulos G., and M. Athanasiou. 2020. Crown Fire. In: Manzello S. (eds) *Encyclopedia of Wildfires and Wildland-Urban Interface (WUI) Fires*. Springer, Cham.
- Haynes K., K. Short, G. Xanthopoulos, D. Viegas, L. M. Ribeiro, and R. Bianchi. 2020. Wildfires and WUI Fire Fatalities. In: Manzello S. (eds) *Encyclopedia of Wildfires and Wildland-Urban Interface (WUI) Fires*. Springer, Cham
- Xanthopoulos, G. 2020. Setting protection priorities in Forest Fire Management. *Dioikitiki Diki (Administrative Trial)*. 1/2020 (32): 151-155.

- Xanthakis, M., K. Pavlopoulos, V. Kapsimalis, G. Apostolopoulos, G. Xanthopoulos, P. Stefanidis, and N. Evelpidou. 2020. Prediction of Soil Loss in a Reservoir Watershed Using an Erosion Model and Modern Technological Tools: A Case Study of Marathon Lake, Attica in Greece. In *Environmental Sciences Proceedings* (Vol. 2, No. 1, p. 63). Multidisciplinary Digital Publishing Institute.
- Palaiologou, P., K. Kalabokidis, A. Ager, M. Nielsen-Pincus, J. Bailey, and G. Xanthopoulos. 2020. Obstacles to Improving Wildfire Risk Governance in Greece. pp. 318-324 In Proceedings of the “Fire Continuum—Preparing for the future of wildland fire” Conference, May 21-24, 2018, Missoula, MT. USDA For. Serv. RMRS-P-78, 358 p.
- Mitsopoulos, I., G. Mallinis, A. Dimitrakopoulos, G. Xanthopoulos, G. Eftychidis, and J. G. Goldammer. 2020. Vulnerability of peri-urban and residential areas to landscape fires in Greece: evidence by wildland-urban interface data. *Data in brief*, 31, 106025.
- Xanthopoulos, G. 2021. Considerations regarding fire management in the frame of long-term conservation of narrow endemic habitat types in a limited area of occupancy. pp. 53-64. In *Handbook for the sustainable management and long-term conservation of a narrow endemic habitat type in a limited area of occupancy - The case of the habitat type 9590 *Cedrus brevifolia forests (Cedrosetum brevifoliae)*. Eliades N.-G. H. (ed). LIFE-KEDROS, Nature Conservation Unit, Frederick University, Cyprus. 136 p.
- Psaroudakis, C., G. Xanthopoulos, D. Stavrakoudis, A. Barnias, V. Varela, I. Gkotsis, A. Karvouniari, S. Agorgianitis, I. Chasiotis, D. Vlachogiannis, A. Sfetsos, K. Kaoukis, A. Christopoulou, P. Antakis, and I. Z. Gitas. 2021. Development of an Early Warning and Incident Response System for the Protection of Visitors from Natural Hazards in Important Outdoor Sites in Greece. *Sustainability* 2021, 13(9), 5143. <https://doi.org/10.3390/su13095143>.
- Athnasiou, M., and G. Xanthopoulos. 2021. Realistic management of forest fires. *The Nature* (Hellenic Society for the Protection of Nature). 168: 38-41.
- Fernandez-Anez, N., A. Krasovskiy, G. Xanthopoulos, et al. 2021. Current Wildland Fire Patterns and Challenges in Europe A Synthesis of National Perspectives. *Air, Soil and Water Research* 14(3):117862212110281.
- Kaoukis, K., G. Xanthopoulos, M. Athanasiou, G. Mantakas, P. Xanthopoulos, A. Nikiforaki, and S. Sofronas. 2021. Innovative action for the prevention of forest fires in Kythira. pp.73-83. In proceedings of the 20th Panhellenic Forestry Conference, Trikala, October 3-6, 2021, Hellenic Forestry Society, Thessaloniki, Greece. 899 pages.
- Zevgoli, E., G. Xanthopoulos, E. Psomiadis, and I. Papanikolaou. 2021. Assessment of fire severity through field research and satellite remote sensing methods and correlation of their results. pp. 333-344. In proceedings of the 20th Panhellenic Forestry Conference, Trikala, October 3-6, 2021, Hellenic Forestry Society, Thessaloniki, Greece. 899 pages.
- Papathanasiou, Ch., K. Christopoulou, K. Kaoukis, and G. Xanthopoulos. 2021. Flood risk analysis at the archeological site of Dion Pieria. pp. 688-697. In proceedings of the 20th Panhellenic Forestry Conference, Trikala, October 3-6, 2021, Hellenic Forestry Society, Thessaloniki, Greece. 899 pages.
- Xanthopoulos, G., M. Athanasiou, A. Nikiforaki, K. Kaoukis, G. Mantakas, P. Xanthopoulos, C. Papoutsakis, A. Christopoulou, S. Sofronas, M. Gletsos, and V. Varela. 2022. Innovative Action for Forest Fire Prevention in Kythira Island, Greece, through Mobilization and Cooperation of the Population: Methodology and Challenges. *Sustainability*, 14, 594.
- Tedim, F., V. Leone, R. Lovreglio, G. Xanthopoulos, M. L. Chas-Amil, A. Ganteaume, R. Efe, D. Royé, B. Fuerst-Bjeliš, N. Nikolov, S. Musa, M. Milenkovic, F. Correia, M.

- Conedera, G. B. Pezzatti. 2022. Forest Fire Causes and Motivations in the Southern and South-Eastern Europe through Experts' Perception and Applications to Current Policies. *Forests*, 13(4), 562.
- Xanthopoulos, G., M. Athanasiou, K. Kaoukis. 2022. Suppression vs Prevention. The disastrous forest fire season of 2021 in Greece. *Wildfire. Quarter 2 (2022):18-24.*