

Curriculum Vitae

Personal Details

Last Name: **Vasiliadis**
First Name: **Georgios**
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University Education

- 2004 – 2008 : Ph.D. in Statistics and Operations Research, Department of Mathematics, Aristotle University of Thessaloniki:
“Recursive relations for the moments of the state sizes of the homogeneous Markov system with or without capacities ”.
- 2002 – 2004 : M.Sc. in Statistics and Operations Research, Department of Mathematics, Aristotle University of Thessaloniki.
- 1998 – 2002 : B.Sc. in Mathematics, Department of Mathematics Aristotle University of Thessaloniki.

Work Experience

- 2021 – today : Assistant Professor, Department of Mathematics, University of Western Macedonia.
- 2019 -2020 : Teaching associate at University of Western Macedonia, a) Department of Informatics, b) Department of Communication and Digital Media c) Department of Economics.
- 2015-2020: Teaching associate at University of Western Macedonia, MSc in Modern Information Technologies and Services.
- 2017-18,2019-20: Teaching associate at Hellenic Open University.
- 2010 – 2012, 2016-17 : Teaching associate at Aristotle University of Thessaloniki, Department of Mathematics.
- 2009 – 2019 : Scientific associate at Technological Educational Institute of Western Macedonia, a) Department of Informatics Engineering, b) Department of Digital Media and Communication.
- 2005 – 2008 : Scientific associate at Technological Educational Institute of Western Macedonia, Department of Informatics.

Curriculum Vitae

Research Interests

- Stochastic processes, Stochastic Models
- Queueing theory
- Statistical Seismology

Publications

1. Vasiliadis, G. and Tsaklidis, G.. On the distributions of the state sizes of discrete time Homogeneous Markov Systems. *Methodol. Comput. Appl. Probab.* Vol. 10, 1, 55 – 71, 2008.
2. Vasiliadis, G. and Tsaklidis, G.. On the distributions of the state sizes of closed continuous time Homogeneous Markov Systems. *Methodol. Comput. Appl. Probab.* Vol. 11, 4, 561-582, 2009.
3. Vasiliadis, G. and Tsaklidis, G.. On the distributions of the state sizes of the closed discrete-time Homogeneous Markov System with finite state capacities (HMS/c). *Markov Processes and Related Fields*, Vol. 17, 1, 91-118, 2011.
4. Vasiliadis, G.. On the distributions of the state sizes of the continuous time Homogeneous Markov System with finite state capacities. *Methodol. Comput. Appl. Probab.* Vol. 14, 863–882, 2012.
5. Vasiliadis, G.. Transient analysis of the M/M/k/N/N queue using a continuous time homogeneous Markov system with finite state size capacity. *Communications in Statistics – Theory and Methods*, 43:7, 1545-1562, 2014.
6. Vasiliadis, G.. Transient analysis of a finite source discrete-time queueing system using homogeneous Markov system with state size capacities (HMS/c). *Communications in Statistics – Theory and Methods*, 43:5, 1403-1423, 2016.
7. Mangira, O., Vasiliadis, G. and Papadimitriou, E.. Application of a linked stress release model in Corinth Gulf and Central Ionian Islands (Greece). *Acta Geophys.*, Vol. 65, no 3, 517-531, 2017.
8. Burnetas, A., Economou, A. and Vasiliadis, G.. Strategic customer behavior in a queueing system with delayed observations. *Queueing Systems*, 86, 389-418, 2017.
9. Mangira, O., Console, R., Papadimitriou, E., and Vasiliadis, G.. A restricted Linked Stress Release Model (LSRM) for the Corinth gulf (Greece). *Tectonophysics*, 723, 162-171, 2018.
10. Marakis, G., Kontopoulou, L., Garofalakis, G., Vasara, E., Vasiliadis, G. and Grammatikopoulou, M. G.. Development and relative validity of a self-administered semi-quantitative drinks frequency questionnaire, validated in a population of university students. *Nutr Diet*, 76: 532-538, 2019.
11. Mangira, O., Vasiliadis, G., Tsaklidis, G. and Papadimitriou, E.. A constrained-memory stress release model (CM-SRM) for the earthquake occurrence in the Corinth Gulf (Greece). *Environ Ecol Stat* 28, 135–151, 2021.
12. Papageorgiou, V.E., Vasiliadis, G. and Tsaklidis, G.. Analyzing the Asymptotic Behavior of an Extended SEIR Model with Vaccination for COVID-19. *Mathematics*, 12(1), 55, 2024.