

# Dr Panagiotis (Panos) T. Artikis

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## Personal Information

### **Associate Professor in Management Science & Risk Analysis**

Department of Accounting & Finance,  
School of Administrative, Economic & Social  
Sciences,  
University of West Attica ,  
Campus 2, Petrou Ralli & Thivon, Egaleo, 12244,  
Athens, Greece

## Education

- 2006 **Doctor of Philosophy (Ph.D.)**, in Management Decision-Making and Operations, University of Bradford, UK.  
Subject areas: *Quantitative methods, risk analysis, enterprise risk management, systems theory.*
- 2006 **Master of Research (M.Res.)**, in Management, Major in Strategic Management and CSR, Minor in Qualitative Methods, University of Bath School of Management, UK.
- 2003 **Master of Philosophy (M.Phil.)**, in Management Science and Operations, Department of Computing and Mathematics, University of Bradford, UK.
- 2002 **Ptichion in Economic & Regional Development (Equivalent to Master of Science)**, School of Economic Sciences and Public Administration, Panteion University of Athens, Greece.
- 2014 **PG Certificate in Teaching and Learning in Higher Education**, Anglia Ruskin University, UK.

## Academic Experience

- 2019– present **Associate Professor (tenured) in Management Science & Risk Analysis**, Department of Accounting & Finance, School of Administrative, Economic and Social Sciences, University of West Attica, Athens, Greece
- 2016–2019 **Lecturer (Adjunct)**, Department of Education, University of Athens, Greece
- 2013–2016 **Senior Lecturer in Strategy and Enterprise**, Lord Ashcroft International Business School, Anglia Ruskin University, Cambridge, UK.
- 2008–2013 **Lecturer in Management (Adjunct)**, University of Athens, Greece.

## **Research Interests**

*strategic decision-making; enterprise risk management; risk modelling; strategic risk management; risk measures in strategic management; non-market strategy; international political risk management; systems theory; corporate social responsibility; philosophy of mathematics; philosophy of social sciences*

## Peer Reviewed Publications (Journals)

### 1. Impact Factor Journals:

*Computers and Mathematics with Applications* [IF: 5,9] (2)  
*Annals of Operations Research* [IF: 4,8, 3\* ABS Guide]  
*Kybernetes* [IF: 4,3, 1\* ABS Guide]  
*Journal of Statistics and Management Systems* [IF: 0,9] (14)  
*Journal of Discrete Mathematical Sciences and Cryptography* [IF: 2,8] (2)  
*International Review of Economics* [IF: 0,40]  
*International Journal of Applied Systemic Studies* [IF: 0,8] (5)  
*Journal of Interdisciplinary Mathematics* [IF: 2,2] (9)

### 2. 46 peer-reviewed publications at prestigious publishing outlets: Taylor and Francis (33), Elsevier (2), Springer (2), Emerald (1), IOS press (1), Inderscience (7).

### 3. ABDC Journal Quality List 2022:

*Annals of Operations Research* - Rank: A  
*Journal of Information and Optimization Sciences* - Rank: C (6)  
*International Journal of Applied Systemic Studies* - Rank: C (5)  
*Journal of Statistics and Management Systems* - Rank: C (14)  
*International Review of Economics* - Rank: C

### 4. Research Output Synopsis:

46 Research Papers in **Web of Science** Indexed Journals (i.e. Impact Factor).  
35 Publications in **Scopus** database.

### 5. Research Monographs (Books)

[1] C. Artikis and P.T. Artikis (2015), **Probability Distributions in Risk Management Operations**, Springer, Intelligent Systems Reference Library [Operations Research and Decision Theory], ISBN 978-3-319-14255-5 [317 pages].

[2] P.T. Artkis and C. Artikis (2022), **Random Contractions in Global Risk Governance**, Springer, Learning and Analytics in Intelligent Systems, ISBN: 978 -3-030-95690-5 [285 pages].

## Journal Articles

- [57] **P.T. Artikis** and C.T. Artikis (accepted for publication), Information processes instochastic models for strategic thinking operations, *Journal of Information and Optimization Sciences*. [ABDC Journal List:Rank C].
- [56] C.T. Artikis and **P.T. Artikis** (accepted for publication), Discounting for proactive decision making in systemics, *International Journal of Applied Systemic Studies*. [Inderscience Publishers, IF: 0,8, ABDC Journal List:Rank C].
- [55] **P.T. Artikis** and C.T. Artikis (accepted for publication), Stochastic integrals in formulating discounting models for implementations of strategic operations, *Journal of Informatics and Mathematical Sciences*. [RGN Publications].
- [54] **P.T. Artikis** and C.T. Artikis (2023), Proactive decision making by incorporation of discrete random sums, *Intelligent Decision Technologies*, [IOS PRESS, IF: 1,0] Vol. 17, 1199-1206.
- [53] **P.T. Artikis** and C.T. Artikis (2023), Facilitation of proactive decision making by using models incorporating stochastic integrals, *Communications in Mathematics and Applications*, Vol. 14(1), 1-6. [RGN Publications].
- [52] **P.T. Artikis** and C.T. Artikis (2021), Stochastic integrals in strategic operations, *Journal of Statistics and Management Systems*, Vol. 24(6), 1363-1370, [Taylor and Francis, IF: 0,9, ABDC Journal List:Rank C].
- [51] C.T. Artikis and **P.T. Artikis** (2021), Formulation and incorporation of a stochastic model for supporting optimal decision making in global risk governance, *Journal of Information and Optimization Sciences*, Vol. 42(5), 1065-1073. [Taylor and Francis, ABDC Journal List:Rank C]
- [50] C.T. Artikis and **P.T. Artikis** (2021), Stochastic integrals and random sums of power contractions in systemics, *Journal of Informatics and Mathematical Sciences*, Vol. 13 (2), 97-103. [RGN Publications].
- [49] C.T. Artikis and **P.T. Artikis** (2021), Stochastic integrals in discounting proactive operations, *Journal of Informatics and Mathematical Sciences*, Vol. 13(1), 25-30. [RGN Publications].
- [48] C.T. Artikis and **P.T. Artikis** (2020), Equality in distribution of random sums for introducing self-decomposability, *Communications in Mathematics and Applications*, Vol. 11(4), 559-562. [RGN Publications].
- [47] C.T. Artikis and **P.T. Artikis** (2020), Uniform contraction of a stochastic integral in strategic operations, *Journal of Interdisciplinary Mathematics*, Vol. 23(3), 727- 737. [Taylor and Francis, IF: 2,2].
- [46] **P.T. Artikis** and C.T. Artikis (2020), Incorporating random contractions in decision support systems for facilitating synergies of proactivity and extremity, *Journal of Informatics and Mathematical Sciences*, Vol. 12(1), 69-81. [RGN Publications].
- [45] C.T. Artikis and **P.T. Artikis** (2020), Formulation and investigation of a stochastic model for proactive treatment of global risk severity, *International Journal of Applied Systemic Studies*, Vol. 9(1), 26-30. [[Inderscience Publishers, IF: 0,8, ABDC Journal List:Rank C].

- [44] C.T. Artikis and **P.T. Artikis** (2019), Facilitating strategic operations by making use of a model incorporating a stochastic integral, *Communications in Mathematics and Applications*, Vol. 10(4), 845- 849. [RGN Publications].
- [43] **P.T. Artikis** (2018), Stochastic modeling of global risk severity, *Journal of Statistics and Management Systems*, Vol. 21(8), 1401-1405. [Taylor and Francis,IF: 0,9, ABDC Journal List:Rank C].
- [41] **P.T. Artikis** (forthcoming), Strategic decision making supported by integral part models incorporating Bernoulli selections, *Journal of Statistics and Management Systems* [Taylor and Francis,IF: 0,9, ABDC Journal List:Rank C].
- [40] **P.T. Artikis** (forthcoming), Discrete stochastic models and global information risk treatment operations in strategic processes, *Journal of Discrete Mathematical Sciences and Cryptography* [Taylor and Francis, IF: 2,8].
- [39] **P.T. Artikis** (2016), Deriving advantage over a crisis by incorporating a new class of stochastic models for risk control operations, *Annals of Operations Research* [Springer, 3\* ABS Guide REF2020, IF: 4,8, ABDC Journal List:Rank A], Vol. 247 (2), 823-831.
- [38] **P.T. Artikis** (2014), Stochastic concepts facilitating strategic thinking in global risk governance, *Journal of Statistics and Management Systems* [Taylor and Francis,IF: 0,9, ABDC Journal List:Rank C], Vol. 17(2), 183-194.
- [37] **P.T. Artikis** (2014), Severity of risks threatening a class of systems, *International Journal of Applied Systemic Studies* [Inderscience Publishers, IF: 0,8, ABDC Journal List:Rank C], Vol. 5(3), 190-198.
- [36] **P.T. Artikis** and Artikis, C. (2013), Stochastic derivation of an integral equation for probability generating functions, *Journal of Informatics and Mathematical Sciences* [RGN Publications], Vol. 5(3), 157-163.
- [35] **P.T. Artikis**, (2011), Formulating vectors of random sums for managing organizations, *Journal of Statistics and Management Systems* [Taylor and Francis,IF: 0,9, ABDC Journal List:Rank C], Vol. 14(1),111-122
- [34] **P.T. Artikis**, Agorastos, K. and Bouras, A. (2011), Consideration of a stochastic multiplicative model in developing fundamental proactive risk management operations, *Journal of Statistics and Management Systems* [Taylor and Francis,IF: 0,9, ABDC Journal List:Rank C], Vol. 14(1), 45-58.
- [33] **P.T. Artikis**, Artikis, C. and Agorastos, K. (2011), Stochastic discounting of cost effective replacements of systems under competing catastrophic risks, *Journal of Information and Optimization Sciences* [Taylor and Francis, ABDC Journal List:Rank C], Vol. 32(1), 109- 120.
- [32] **P.T. Artikis** and Artikis, C. (2010), Stochastic models for risk control programs of organizations, *Kybernetes: The International Journal of Cybernetics, Systems and Management Sciences* [Emerald, IF: 4,3 - 1\* ABS Guide], Vol. 39 (4), 570-77.
- [31] C. Artikis and **Artikis, P.T.** (2010), Discrete random sums in processes of systemics arising in cybernetics and informatics, *Journal of Discrete Mathematical Sciences*

*and Cryptography* [Taylor and Francis, IF: 2,8], Vol. 12(3), 335-345.

- [30] **P. T. Artikis**, Artikis, C. and Agorastos, K. (2010), Incorporating concepts of extreme value theory in formulating a discounting model for making optimal decisions in competing risks management, *Journal of Interdisciplinary Mathematics* [Taylor and Francis, IF: 2,2], Vol. 13(1), 113-124.
- [29] C. Artikis, **Artikis, P.T.** and Chondrocoukis, G. (2010), Consideration of learning processes based on optimal operations for recovery of information systems, *Journal of Information and Optimization Sciences* [Taylor and Francis, ABDC Journal List:Rank C], Vol.31(3), 347-357.
- [28] C. Artikis, **Artikis, P.T.** and Agorastos, K. (2010), Properties and management applications of a modified stochastic discounting model, *Journal of Interdisciplinary Mathematics*[Taylor and Francis, IF: 2,2], Vol. 13(6), 661-672.
- [27] C. Artikis, and **Artikis, P.T.** (2009), Processes of educational informatics incorporating stochastic models, *Journal of Interdisciplinary Mathematics* [Taylor and Francis, IF: 2,2], Vol. 12 (4),553-564.
- [26] **P.T. Artikis** and Artikis, C., (2009), Discounted minimum of a random number of randomvariables in replacement of computer systems, *Journal of Information and Optimization Sciences* [Taylor and Francis, ABDC Journal List:Rank C], Vol. 30 (5), 887-897.
- [25] **P.T. Artikis** and Artikis, C., (2009), Combinations of risk control and risk financing operations, *International Journal of Decision Sciences, Risk and Management* [Inderscience Publishers], Vol. 1 (3/4), 234-245.
- [24] C. Artikis, **Artikis, P.T.** and Kara-Zaitri, C. (2009), Stochastic modelling of risk severity reduction operations, *Journal of Statistics and Management Systems* [Taylor and Francis, IF: 0,9, ABDC Journal List:Rank C], Vol. 12 (4), 641-650.
- [23] **P.T.Artikis** and Artikis, C. (2009), Stochastic derivation of an integral equation for characteristic functions, *Journal of Informatics and Mathematical Sciences* [RGN Publications], Vol. 1 (2and3), 113-120.
- [22] C. Artikis and **Artikis, P.T.**(2009), Stochastic modelling of risk duration reduction operations, *Journal of Statistics and Management Systems* [Taylor and Francis, IF: 0,9, ABDC Journal List:Rank C], Vol. 12(1),131-139.
- [21] C. Artikis and **Artikis P.T.** (2009), Integral part models in information systems and educational processes, *Journal of Discrete Mathematical Sciences and Cryptography* [Taylor and Francis, IF: 2,8], Vol. 12(2), 205-215.
- [20] C. Artikis and **Artikis, P.T.**(2009), Stochastic modelling of risk control operations for recovery of systems, *International Journal of Applied Systemic Studies* [IndersciencePublishers, IF: 0,8, ABDC Journal List:Rank C], Vol. 2(4), 356-363.
- [19] **P.T. Artikis** and Artikis, C., (2009), Recovery time of a complex system in risk and crisis management operations, *International Journal of Decision Sciences, Risk and Management* [Inderscience Publishers], Vol. 1(1/2), 104-111.

- [18] **P.T. Artikis** and Artikis, C., (2009), Performance of complex systems in the environment of a random number of competing catastrophic risks, *International Journal of Applied Systemic Studies* [Inderscience Publishers, IF: 0,8, ABDC Journal List:Rank C], Vol. 2(3), 242-249.
- [17] C. Artikis and **Artikis, P.T.** (2009), Learning processes and information management operations utilizing a class of random sums, *Collnet Journal of Scientometrics and In- formation Management* [Taylor and Francis], Vol.3(1), 31-38.
- [16] **P. T. Artikis**, Artikis, C., Agorastos, K.A. and Vlachos, A. (2009), Stochastic derivation and application in information risk frequency reduction of a class of discrete random variables, *Journal of Statistics and Management Systems* [Taylor and Francis, IF: 0,9, ABDC Journal List:Rank C], Vol.12(2), 59-64.
- [15] **P.T. Artikis**, Artikis, C., and Moshakis, J.I. (2008), Discounted maximum of a random number of random cash flows in optimal decision making, *Journal of Information and Optimization Sciences* [Taylor and Francis, ABDC Journal List:Rank C], Vol. 29(6), 1193-1201.
- [14] C. Artikis, **Artikis, P.T.** and Moshakis, J.I. (2008), Stochastic compounding models for continuous uniform cash flows arising in risk management, *Journal of Statistics and Management Systems* [Taylor and Francis, IF: 0,9, ABDC Journal List:Rank C], Vol. 11 (2), 277-301.
- [13] **P.T. Artikis** and Artikis, C. (2008), Thinning of renewal processes in stochastic discounting models and risk frequency reduction operations, *Journal of Interdisciplinary Mathematics* [Taylor and Francis, IF: 2,2], Vol. 11 (2), 291-300.
- [12] C. Artikis, **Artikis, P.T.** and Hatzopoulos, P. (2008) Certain classes of discrete distributions in modelling risk control operations and establishing a transformation for probability generating functions, *Journal of Interdisciplinary Mathematics* [Taylor and Francis, IF: 2,2], Vol. 11(1), 141-150.
- [11] **P. T. Artikis** and Artikis, C. (2008), Random sums of integral part models in computer systems operations, *Journal of Discrete Mathematical Sciences and Crypt ography* [Taylor and Francis, IF: 2,8], Vol. 11 (2), 209-217.
- [10] C. Artikis and **Artikis, P.T.** (2008), Bernoulli selecting processes and integral part models in establishing properties and applications of a discrete distribution, *Journal of Interdisciplinary Mathematics*[Taylor and Francis, IF: 2,2], Vol. 11 (3), 443-450.
- [9] C. Artikis and **Artikis, P.T.** (2007), Incorporating a random number of independent competing risks in discounting a continuous uniform cash flow with rate of payment being a random sum, *Journal of Interdisciplinary Mathematics* [Taylor and Francis, IF:2,2], Vol. 10(4), 487-495.
- [8] C. Artikis and **Artikis, P.T.** (2007), Properties and applications of a stochastic multiplicative model, *Journal of Interdisciplinary Mathematics* [Taylor and Francis, IF: 2,2], Vol. 10 (4), 479-486.
- [7] C. Artikis, **Artikis, P.T.** and Fountas, C.E. (2007), Risk management operations

described by a stochastic discounting model incorporating a random sum of cash flows and a random maximum of recovery times, *Journal of Statistics and Management Systems* [Taylor and Francis, IF: 0,9, ABDC Journal List:Rank C], Vol. 10(3), 439-450.

- [6] **P.T. Artikis**, Artikis, C., Fountas, C.E. and Hatzopoulos, P. (2006), Discrete renewal and self-decomposable distributions in modelling information risk management operations, *Journal of Statistics and Management Systems* [Taylor and Francis, IF: 0,9, ABDC Journal List:Rank C], Vol. 9(1), 73-85.
- [5] **P.T. Artikis** and Artikis, C. (2005), Properties and applications in risk management operations of a stochastic discounting model, *Journal of Statistics and Management Systems* [Taylor and Francis, ABDC Journal List:Rank C], Vol. 8(2), 317-330.
- [4] Jerwood, D., **Artikis, P.T.** and Fountas, C.E. (2005), A stochastic model for the cost of maintaining a risk frequency reduction operation, *Journal of Statistics and Management Systems* [Taylor and Francis, IF: 0,9, ABDC Journal List:Rank C], Vol. 8(2), 425-435.
- [3] **P.T. Artikis**, and Artikis, C. (2004), Stochastic models in fundamental risk management operations, *International Review of Economics and Business* [predecessor of International Review of Economics, Springer, IF: 0,40, ABDC Journal List:Rank C], 51(2), 207-219.
- [2] T. Artikis, A. Voudouri and **Artikis, P.T.** (2001), Properties and applications in risk frequency reduction operations of an integral part model, *Computers and Mathematics with Applications* [Elsevier, IF: 5,9], 42, 211-218.
- [1] A. Voudouri, J. Moshakis and **Artikis, P.T.** (1999), A stochastic discounting model arising in competing risks management, *Computers and Mathematics with Applications* [Elsevier, IF: 5,9], 38, 51-59.

Note:

IF: Impact Factor is taken from [www.scimagojr.com/scopus.com](http://www.scimagojr.com/scopus.com)



## Publications In Edited Volumes (Books)

### 3 book chapters at Springer.

- [3] C. Artikis and **Artikis, P.T.** (2013) Application of a stochastic model in supporting intelligent multimedia systems and educational processes, **Multimedia Services in Intelligent Environments Smart Innovation, Systems and Technologies**, book series in Computational Intelligence and Complexity, Springer, Vol. 24, G.A Tsihrintzis et al. (eds).
- [2] **P.T. Artikis** (2010) Incorporating a discrete renewal random sum in computational intelligence and cindynics, **Multimedia Services in Intelligent Environments Integrated Systems**, book series in Computational Intelligence (IF: 0,192), Springer, Vol. 137, G.A. Tsihrintzis and L.C. Jain (eds.)
- [1] C. Artikis and **Artikis, P.T.** (2009) Determining a discrete geometric random sum in computational intelligence for supporting a complex system under a major risk, **KES Intelligent Interactive Multimedia Systems and Services** (IF: 0,192), Mogliano Veneto, Springer, SCI 226, pp. 327-337.

## Teaching Experience

### Graduate:

University of Athens

*Crisis Management & Decision Making* (Spring, 2023, 2024)

*Research Methods in Social Sciences* (Fall, 2022, 2023)

University of Athens

*Advanced Quantitative Methods* (Fall 2008, 2009, 2010)

*Statistics I and II* (Spring 2009, 2010, 2011)

*Research Methods in Social Sciences* (Fall, 2011)

*Operations Management* (Fall 2016, Spring 2017)

*Innovation Management* (Fall 2016, Spring 2017)

Anglia Ruskin University (LAIBS)

*Entrepreneurship and Innovation* (MBA) (Trimester, 2013, Fall, 2013, 2014, 2015)

*Research Methods* (Trimester, 2013, Fall 2013)

*Strategic Management* (MBA, 2013, 2014, 2015, 2016)

### Undergraduate:

University of West Attica

*Risk Management* (Spring, 2019, 2020, 2021, 2022, 2023, 2024)

*Research Methods* (Fall, 2019, 2020, 2021, 2022, 2023, 2024)

*Marketing* (Fall, 2019, 2020, 2021, 2022, 2023, 2024)

University of Athens

*Organizational Behavior* (Spring, 2009, 2010, 2012)

*Strategic Management* (Fall 2010, 2011, 2012, 2017)

*Educational Economics* (Spring 2010, 2011)

*Operations Management* (Fall 2011, 2012, 2017)

Anglia Ruskin University (LAIBS)

*Enterprise and Entrepreneurial Management* (Trimester, 2013, 2014, 2015)

*Strategic Management Analysis* (2013, 2014)

*Undergraduate Major Project* (Trimester, 2013)

*International Business* (Fall, 2013, 2014, 2015)

## Other Research Experience

Invited Reviewer for *Mathematical Reviews* (American Mathematical Society), Reviewer ID: 65467, 2009 - present

Invited Reviewer for:

*European Journal of Operational Research* (4\* ABS Guide)

*IEEE Transactions on Systems, Man and Cybernetics: Systems* (4\*ABS)

*International Journal of Applied Systemic Studies* (IF:0,8, ABDC: Rank C)

*International Journal of Computational Intelligence Studies* (Inderscience)

*EuroMed Journal of Business* (IF: 6,8, Emerald, ABDC: Rank C)

## **Membership Of Scientific Societies**

Operations Research (OR) Society

Academy of Management (AOM)

Strategic Management Society (SMS)

INFORMS

## **Professional Recognition**

Fellow of Higher Education Academy (HEA) in UK - PR080704