

Main points of C. V.

Christos P. Kitsos

**Emeritus Professor of Statistics
Department of Informatics, University of West Attica*
(*ex Technological Educational Institute of Athens)**

**"Exzellenzstipendium des Landes Oberösterreich", = Grant of excellence of the country of
Upper-Austria. Johannes Kepler University, Linz, Austria, 2015-2016**

ORCID 0000 -0003 – 4660 – 411X

**Under the easy translation environment,
this English CV is provided with the detailed Greek CV**

Athens, 2026

1. General Information

Name: Christos Par. Kitsos

Date and place of birth: 28 April 1951 - Athens (New Ionia), Greece

Professional Address : Technological Educational Institute of Athens (TEI-A)
Department of Mathematics
Ag. Spyridonos & Palikaridi Str
Egaleo, 12210, Athens, Greece
xkitsos@teiath.gr

Home Address : Irodou Attikou 19, Marousi 15124,
Athens, Greece

e-mail: xkitsos@teiath.gr

Mobile : 0030 6932 250 210

Marital status: married – 4 children

2. Studies

2.1 B.A in Mathematics

University: *National & Kapodistrian University of Athens*

Department: Mathematics

Country: Greece from 1969 to 1973

2.2 M.A. in Statistics

University: *University of New Brunswick*

Department: Mathematics and Statistics

Country: Canada (New Brunswick) from 1976 to 1978

Title of thesis: Choosing the order of a response Polynomial - Structural
Approach with minimax criterion

2.3 Ph.D. in Statistics

University: *University of Glasgow*

Department: Statistics

Country : U.K (Scotland) from 1983 to 1986

Title of thesis: *Design and Inference for Nonlinear Problems*

Supervisors: M. Titterington and I. Ford

3. Teaching Experience

I have lectured at the following Universities ,
under various contracts or European programs, for at least a semester

1. University of Patras
2. University of Athens
3. Athens University of Business and Economics
4. Technological Educational Institute of Athens
5. University of Perea
6. University of Thessaly

7. University of New Brunswick, Canada (tutorials)
8. University of Glasgow, UK (tutorials)
9. University of Chemistry and Metallurgy, Sofia, Bulgaria (TEMPUS)
10. University of Cluz Napoca, Romania (TEMPUS)
11. University of Metropolia, Helsinki, Finland (ERASMUS)
12. University of AbERTA, Lisbon, Portugal (ERASMUS)

4a. Degrees offered under my supervision

- 8 students got their Master degree working with me
- 15 students at the Economical University of Athens worked with me for their practical exercise to various Institutes and 13 students at the Technological Educational Institute of Athens, worked with me for their “degree report.

4b. Examiner to PhD's

- External Opponent of PhD student Jonas Haggstrom (2000) of University of Umea, Department of Statistics, Sweden.
- Examiner of PhD student Camelia Trandafir from University of Salamanca , Spain (2005).
- Member of the Committee for the PhD of Mil. Chalkias, University of Athens, Greece (2006).
- External Opponent of PhD student Ellinor Fackle Fornius (2008) At the University of Stockholm, Department of Statistics, Sweden.

4c. Scholarships

1. University of Patras (*from the Greek Foundation of Scholarships*)
2. University of New Brunswick, Canada (*Assistanship from UNB*)
3. University of Glasgow (*Scholarship from NATO for PhD*)
4. From **CCMS/NATO** to participate at Pilot Studies (1990-2007)
5. From **DAAD** to visit German Cancer Research Center (DKFZ).
6. **ERASMUS** and **TEMPUS** economical support.

5. Professional Experience

- 5.A** "Exzellenzstipendium des Landes Oberösterreich", = Grant of excellence of the country of Upper-Austria. Hohannes Kepler University, Linz, Austria Oct 12, 2015 to Nov 25, 2015.
- 5.B** Part Time Invited Full Professor, PhD Programme in Applied Mathematics and Modelling (DMAM) at Universidade Aberta (UAb) 2021-2025

- 5.0** TEI – Athens (1999 – 31.12.2015, full Prof 12-5-2006).
- 5.1** U. of Thessaly: (1999 - 2001).
- 5.2** Athens U. of Business and Economics (1990 - 1998).
- 5.3** Technological Educational Institute of Athens (1987 - 1990).
- 5.4** To private and public sector as Statistical consultant
(Interamerican Life Inc Co., Athens Urban Transportation System,
Greek Ministry of National Defense,
National Statistical Service of Greece, Research Marketing Company,
Consultant to the Electrical Busses Co., Consultant to Eurostat and OECD
On Educational Statistics through the Greek Ministry of Education)

6. Publications

6.1 In Journals

6.1.1 Ellerton, R.R.W., **Kitsos, C.P.**, Rinco, S. (1986), Choosing the optimal order of a response Polynomial - Structural Approach with minimax criterion. *Communication in Statistics - Theory Meth.*, Vol. 15, pg. 129-136.
DOI:10.1080/03610928608829111

6.1.2 **Kitsos, C.P.**, Titterington, D. M., Torsney, B. (1988), An Optimal Design Problem in Rhythmometry. *Biometrics*, Vol. 44, pg. 657-671.

6.1.3 Ford, I., **Kitsos, C. P.**, Titterington, D. M. (1989), Recent Advances in Nonlinear Experimental Design. *Technometrics*, Vol. 31, pg. 49-60.

6.1.4 Kitsos, C. P. (1989), Fully sequential procedures in Nonlinear Design problems. *Computational Statistics and Data Analysis*, Vol. 8, pg. 13-19.

6.1.5 **Kitsos, C. P.**, Muller, Ch. (1995), Robust Linear Calibration. *Statistics*, 27, pg. 93-106.

6.1.6 Kitsos, C. P. (1998), The Role of Covariates in Experimental Carcinogenesis. *Biometrical Letters*, Vol. 35, No 2, pg.95-106.

6.1.7 Kitsos, C. P. (1999), Optimal Designs for Estimating the Percentiles of the Risk in Multistage Models in Carcinogenesis. *Biometrical Journal*, Vol. 41, No 1, pg. 33-43.

12.1.8 Kitsos, C. P. (2001). Design Aspects for the Michaelis-Menten model. *Biometrical Letters*, 38(2), 53-66.

6.1.9 Cogliano, V. J, **C. Kitsos (2001)**, Modeling I.
Folia Histochemica Et Cytobiologica, 39, pg11 .

6.1.10 Kitsos, C. P. (2001). The Cancer Risk Assessment as an Optimal Experimental Design.
Folia Histochemica Et Cytobiologica, 39, pg 16 .

6.1.11 Kitsos, C. P. (2002). The simple Linear Calibration Problem as an optimal Experimental Design.
Commun. Statist.- Theory Meth., 31(7), 1167-1177.

6.1.12 Androulakis, J, Giorkarakis, Th., Papaeuagellou, G., Hatzigeorgiou, E., **Kitsos, C. P.**, (1981). Epidemiological study for the sickens and mortality of the infant population of the city of Patras)
Mad. Med. Greca, pg. 104 - 114. (Greek)

6.1.13 Kitsos, C. P. (1982). (Greek)
A recursive method for choosing the best model
Bul. Og Chem. Industry. 36, pg 28 - 32.

6.1.14 Kitsos, C. P. (1991).Qualitative approach for the social phenomena
EKLOGI J., 88, 26 - 34. (Greek)

6.1.15 Halkos, E. G., **Kitsos, C. P.** (2005). Optimal Pollution Level:
A Theoretical identification. *Appl. Economics*, 37, 1475-1483.
<http://econpapers.repec.org/scripts/search/search.asp?ft=Kitsos>

6.1.16 Kitsos, C. P. (2007). On The Logit Methods for Ca Problems (Design and Fit).
Communications in Dependability and Quality Management, 10(2): 88-95.

6.1.17 Angelopoulou, R., Bala, M., Lavranos, G., Chalikias, M., **Kitsos, C.**, Baka, S., Kittas, C. (2008). Evaluation of immunohistochemical markers of germ cells' proliferation In the developing rat testis : A comparative sudy.
Tissue and Cell, 40(1), pg 43-50.

6.1.18 Angelopoulou, R., Bala, M., Lavranos, G., Chalikias, M., **Kitsos, C.**, Baka, S., Kittas, C. (2008). Sertoli cell proliferation in the fatal and neofatal rat testis: A continuous phenomenon? *Acta Histochemica* , Vol. 110, Issue 4, 15, pp 341-347, 2008.

http://www.elsevier.com/wps/find/journaldescription.cws_home/701749/description#description

6.1.19 **Kitsos, C. P.**, Tavoularis, K. N. (2009). Logarithmic Sobolev Inequalities for Information Measures.
IEEE TRANSACTIONS ON INFORMATION THEORY, Vol 55, 6, June 2009, 2554-2561.

6.1.20 **Kitsos, C. P.**, Toulas, T., Lolas, G. (2009). Modeling Cancer Bioassays.
Biometrie und Medizinische Informatik Greifswalder Seminarberichte, Heft 15, pg 75-90.

- 6.1.21 Kitsos, C. P., Sotiropoulos, M.** (2009). Distance Methods for Bioassays. *Biometrie und Medizinische Informatik Greifswalder Seminarberichte, Heft 15*, pg 55-74.
- 6.1.22 Kitsos, C. P.** (2010). Estimating the Relative Risk for the Breast Cancer. *Biometrical Letters, Vol 47(2)*, 133-146.
www.up.poznan.pl/biometrical.letters
- 6.1.23 Halkos, G., Kitsos, C. P.** (2010). Exploring Greek Innovation activities: The adoption of Generalized Linear Models. *MPRA Paper No 24392* (12 Aug 2010).
<http://mpra.ub.uni-muenchen.de/24392/>
- 6.1.24 Kitsos, C. P., Kolovos, K. G.** (2010). An Optimal Calibration Design for pH Meters. *Instrumentation Science and Technology, 38(6)*, pg 436-447.
- 6.1.25 Kitsos, C. P., Toulas, T.** (2010). New Information Measures for the Generalized Normal Distribution. *Information* 2010,1, 1, 13-27.
<http://www.mdpi.com/2078-2489/1/1/13/manuscript> or pdf
- 6.1.26 Zarikas, V., Gikas, V., Kitsos, C. P.**(2010). Evaluation of the optimal Design “Cosinor Model” for Enhancing the Potential of Robotic Theodolite Kinematic Observation. *Measurement, Volume 43, Issue 10, December 2010, Pages 1416-1424*
<http://dx.doi.org/10.1016/j.measurement.2010.08.006>
- 6.1.27 Kitsos, C. P.** (2010). Adopting Hypergeometric Functions for Sequential Statistical Methods. *Bulletin of the Greek Mathematical Society, Vol 57*, pg 251-264.
- 6.1.28 Kitsos, C. P.** (2011). Invariant Canonical Form for the Multiple Logistic Regression. *Mathematics in Engineering, Science and Aerospace (MESA), Vol 2(3)*, pg 267-275.
www.journalmesa.com
- 6.1.29 Kitsos, C. P.** (2011). Sequential Approaches for Ca Tolerance Models. *Biometrie und Medizinische Informatik Greifswalder Seminarberichte, Heft 18*, pg 87-98.

- 6.1.30 Kitsos, C. P** , Toulías, T. L (2011). On the family of the γ -ordered normal distributions. *Far East Journal of Theoretical Statistics*, Vol 35(2), pp 95-14, see also at the web site. <http://pphmj.com/journals/fjts.htm>
- 6.1.32 Halkos, G., Kitsos, C. P** (2012). Relative risk and innovation activities : the case of Greece. *Innovation Management Policy and Practice*, 14(1), 141-145.
- 6.1.33 Kitsos, C. P.** (2012). On the Optimal Continuous Experimental Design Problem. *Discussiones Mathematicae Probability and Statistics* 31 (1-2) 2011, pp 59-70 .
<http://www.discuss.wmie.uz.zgora.pl>
- 6.1.34 Kitsos, C. P.**, T. L. Toulías (2012). Confidence and Tolerance regions for the signal process. *Recent Patterns on Signal Processing*, Vol 2 (2).
<http://www.eurekaselect.com/101001/article>
- 6.1.35 Kitsos, C. P.**, T. L. Toulías and Trandafir, C. P. (2012). On the multivariate γ -ordered Normal distribution. *Far East Journal of Theoretical Statistics*, vol 38 (1), pp 49-73.
<http://www.pphmj.com/journals/articles/899.htm>
<http://www.pphmj.com/abstract/6616.htm>
- 6.1.36 Kitsos, C. P.**, T. L. Toulías (2012). Bounds for the generalized entropy type information measure. *Journal of Communication and Computer*, Vol 9 (1) pp56-64.
http://www.davidpublishing.org/journals_info.asp?jId=653
<http://www.davidpublishing.org/show.html?36011>
- 6.1.37 Kitsos, C. P.**, K. G. Kolovos (2013). A Compilation of the D-Optimal Designs in Chemical Kinetics. *Chemical Engineering Communications*, Vol 200 (2), pp 185-204.
<http://dx.doi.org/10.1080/00986445.2012.699481>
- 6.1.38 T. L. Toulías, Kitsos, C. P.** (2012). Kullback-Leibler divergence of the γ -ordered Normal over t- distribution. *British Journal of Mathematics and Computer Science*, 2(4) ,198-212
<http://www.sciencedomain.org/download.php?f=1355051886- Toulías 242012BJMCS1358.pdf&aid=768>

6.1.39 Kitsos, C. P., Zarikas, V. (2013). On the Best Predictive General Linear Model For Data Analysis: A Tolerance Region Algorithm for Prediction. *J. of Appl. Science* 13(4), 513-524.

<http://scialert.net/onlinefirst.php?issn=1812-5654>

6.1.40 Toulas, T. L., Kitsos, C. P. (2013). On the Generalized Lognormal Distribution. *J. of Prob. and Stat.*

6.1.41 Kitsos, C. P., Toulas, T. L. (2014). On the Information Matrix of the Truncated Cosinor Model.

British J. of Math. and Computer Science, Vol 3 (3) vol. 4, no. 6 (2014).

<http://www.sciencedomain.org/issue.php?iid=370&id=6>

6.1.42 Kitsos, C. P., Toulas, L. T., Papageorgiou, E. (2014). Statistical Invariance for the Logit and Probit Models.

In *Biometrie und Medizinische Informatik Greifswalder Seminarberichte, Heft 23 : Statistical and Biometrical Challenges, Theory and Applications*, by T. Oliveira, K-E. Biebler, A. Oliveira, B. Jager (guest Ed.) pg 203-216.

6.1.42 Kitsos, C. P., Toulas, L. T. (2014). A Min-Max Entropy Algorithm for Relative Risk Problems.

In *Biometrie und Medizinische Informatik Greifswalder Seminarberichte, Heft 23 : Statistical and Biometrical Challenges, Theory and Applications*, by T. Oliveira, K-E. Biebler, A. Oliveira, B. Jager (Editors) pg 191-202.

6.1.43 Toulas, T. L., Kitsos, C. P. (2014). On the properties of the Generalized Normal Distribution.

Discussiones Mathematicae Probability and Statistics 34 , pp 35-49 .

6.1.44 Kitsos, C.P., Vassiliadis, V., Toulas, T. L. (2014). MLE for the γ -order Generalized Normal Distribution.

Discussiones Mathematicae Probability and Statistics 34 , pp 143-158.

6.1.45 Toulas, T. L., Kitsos, C. P. (2016). Fitting the Michaelis-Menten Model. *Journal of Comp. and Appl. Math.* , Vol 296, pg 303-319

Doi: 1016/j.cam.2015.10.004

<http://dx.doi.org/10.1016/j.cam.2015.10.004>

URL: <http://www.sciencedirect.com/science/article/pii/S0377042715005026>

6.1.46 Toulías, T. L. **Kitsos, C. P.** (2016). Estimation Aspects of the Michaelis-Menten Model.
REVSTAT - Statistical Journal, Vol 14, No2, 101-118.

<https://www.ine.pt/revstat/tables.html>. www.ine.pt/REVSTAT

6.1.47 Hlavackova-Scheidler, K., Toulías, T. L., **Kitsos, C. P.** (2016). Evaluating transfer entropy for normal and γ -order normal distributions.
British Journal of Mathematics and Computer Science 17(5), 1-20.

6.1.48 Halkos, G., **Kitsos, C.P.** (2018). Mathematics vs Statistics in tackling Environmental Economics Uncertainty. MPRA paper, No 85280,
<https://mpra.ub.uni-muenchen.de/85280/>

6.1.49 **Kitsos, C. P.**, Toulías, T.L (2017). Hellinger distance between generalized normal distributions.
British J of Math and Computer Science, vol. 21, no. 2 (2017), pp. 1-16.

DOI 10.9734/BJMCS/2017/32 | ISSN 2231-0851 | URL sciencedomain.org

6.1.50 Halkos, G., **Kitsos, C. P.** (2018). Uncertainty in environmental economics: the problem of entropy and model choice.
Economic Analysis and Policy, 60, 127-140.

6.1.51 **Kitsos, C.P.**, Toulías, L. T. (2019). Adopting Tolerance Intervals in Environmental Economics.
JAMCS (J. of Advances in Maths and Computer Science), 34(6), 1-12

6.1.52 Kitsos, C. P. (2019). On the Design Points for a Rotatable Orthogonal Central Composite Design.
Revstat –Stat J., 17(1), pg 25-34 <https://www.ine.pt/revstat/tables.html>.

6.1.54 Kitsos, C. P. (2019). On the Design Points for a Rotatable Orthogonal Central Composite Design.
Revstat –Stat J., 17(1), pg 25-34 <https://www.ine.pt/revstat/tables.html>.

6.1.55 Kitsos, C.P. (2019). Innovation and Female Entrepreneurship on Greek Economical Growth.
J. of Regional Socio-Economic Issues, Vol. 9(2), pg 65 – 67.

6.1.56 Κίτσος, Π. Χ. (2019). Λογική και Γεωμετρία : Προσέγγιση της εξέλιξής τους.
Logic and Geometry : An approach to their evolution
Epistemes Metron Logos Journal, No2, 110 – 126.

- 6.1.56** Toulas, L. T, **Kitsos, C.P.** (2019). Information Divergences and the Generalized Normal Distribution : A Study of Symmetricity
Communications in Mathematics and Statistics 10 Feb 2020
- 6.1.57** Toulas, L.T., Kitsos, C.P. (2019). Information distances and diverges for the Generalized Normal distribution.
Advances in Mathem. and Computer Science, Vol 3, M-A. M Ferreir (Ed). Book Publisher International 2019, no 2248, 29-45
DOI 10.9734/bpi/amacs/v3 URL koolpi.org
- 6.1.58** Kitsos, C. P. (2021). Facing sampling techniques as an optimal design problem.
Biometrical Letters, Vol 58 (2), 119-131
DOI : <https://doi.org/102478/bile-2021-0009>.
- 6.1.59** Kitsos, C. P. , Iliopoulou, P. (2022). Adopting Information Distance Measures for Geographical Data.
J. of Regional & Socio- Economics Issues, Vol 12 (1), 6-26.
- 6.1.60** Kitsos, C. P (2022). Sir David Cox: A wise and noble statistician (1924–2022).
Eur. Math. Soc. Mag. Pg 27 – 32.
- 6.1.61** **Kitsos, C. P.** , Nisiotis, C-S (2022). Considering distance measures in Statistics.
Biometrical Letters, 59, 65-75. <https://www.sciendo.com/issue/BILE/59/1>
- 6.1.62** Kitsos, C. P. (To appear) . Generalizing the Heat Equation.
REVSTAT- Statistical Journal
<https://revstat.ine.pt/index.php/REVSTAT/article/view/517>
- 6.1.63** **Kitsos, C. P.**, Stamatiou, I. (2023). Approximating the “star points” for the 2d order Response Surface.
J. of Regional & Soc-Economic Issues, 13(2), 6-23.
- 6.1.64** Kitsos C. P., Stamatiou, I. (2024). Laplace transformation for the γ -order Generalized Normal $N_{\gamma}(\mu, \sigma^2)$.
Far East Journal of Theoretical Statistics, 68(1):1–171 21, 2024
- 6.1.65** Kitsos, C. P. (2024). The Greek Geometry of the Hellenistic Era. Part A: The Alexandrian Museion.
J. Hellenism of the Orient, Issue 3

https://www.researchgate.net/publication/378143716_THE_GREEK_GEOMETRY_OF_THE_HELLENISTIC_ERA_Part_A_The_Alexandrian_Mouseion

- 6.1.66** Kitsos, C. P. (2024). The Greek Geometry of the Hellenistic Era. Part B: The Swan Song (Extensions) and her Twilight
J. Hellenism of the Orient, Issue 4 pg 4-30.,

<https://www.researchgate.net/publication/378902546> THE GREEK GEOMETRY OF THE HELLENISTIC ERA Part B The Swan Song Extensions and her Twilight

- 6.1.67** Kitsos, C. P. (2024). The Expansion of the Geometry of Greeks. Part A: Towards the East.
J. Hellenism of the Orient, Issue 5 pg 4-35.

<https://www.researchgate.net/publication/380938070> HELLENISM IN THE ORIENT Issue 5 May 2024

- 6.1.68** Kitsos, C. P., Stamatiou, I. (2024). The γ -order generalized Chi- γ distribution ${}_{\gamma}X_n^{\gamma}$. *REVSTAT – Statistical Journal*.

- 6.1.69** Kitsos, C. P., Stamatiou, I. (2024). The γ -order generalized Chi-2 distribution ${}_{\gamma}X_n^2$
Research in Statistics. 2024, VOL. 2, NO. 1, 2377684
<https://doi.org/10.1080/27684520.2024.2377684>

- 6.1.70** Halkos, G., Kitsos, C.P. (2024). Measuring uncertainty, transfer entropy and G-causality In Environmental Economics. August 2024
MPRA Paper No. 121764.

- 6.1.71** Kitsos, P. C., Nisiotis C-S, (2024). A Compact Review of Probability Models for Cancer. *ESMED (European Society of Medicine)*
<https://doi.org/10.18103/mra.v12i10.5819>

- 6.1.72** Kitsos, C. P., Stamatiou, I. (2025). On the emerged from LSI gamma-order generalized Normal distribution.
Journal of the Indian Society for Probability and Statistics, June 2025
<https://doi.org/10.1007/s41096-025-00241-z>

- 6.1.73** Kitsos, C. P., Oliveira, A., Nyamsi, E. U. (2025). Tail-adaptive generation of random umbers from a gamma-order normal distribution using the Ziggurat algorithm with a multivariate extension.
Chilean Journal of Statistics Volume 16(1), pp 79 - 97
<https://doi.org/10.32372/ChJS.16-01-05>

- 6.1.74** Kitsos, C. P., & Stamatiou, I. S. (2025). Kullback-Leibler divergence for the γ -order Generalized Normal $N_{\gamma}(\mu, \sigma^2)$.
Far East Journal of Theoretical Statistics, 69, 55–79. doi:10.17654/0972086325003

6.1.75 Kitsos, C. P. (2026). The Battle of Gaugamela: Hellenism of the Orient “Ante Portas”. JHO 4-20, Sept 2025
https://www.researchgate.net/publication/395864549_THE_JOURNAL_OF_THE_HELLENISM_IN_THE_ORIENT_JHO_-_Issue_9_Sept_2025

6.1.76 Kitsos, C. P., Karkazis, J. (2026). Socio-Economical Characteristics of the Greek Refuges.
 In: *GREECE AND TURKEY IN FOCUS*. Jan. 2026 Center of Strategic Studies (CSS)
https://www.researchgate.net/publication/399423858_GREECE_AND_TURKEY_IN_FOCUS/fullTextFileContent

6.2 In refereed Proceedings

6.2.1 Kitsos, C. P. (1996), Robust Nonlinear Experiment Design.
 9th Greek Conference on Statistics. Xanthi, 18-20 April 1996, pg 174-180.

6.2.2 Kitsos, C. P. (1988). Statistical Methods for business installation (Greek)
 2o Symposium of Qualitative Methods, Chios, 1 - 3 Sept. 1988.
 In the volume of Proceedings pg 596-203

6.2.3 Karkazis, J. Aggelis, B., **Kitsos, C. P.** (1988). Support system
 for industrial installation. (Greek)
 2o Symposium of Qualitative Methods, Chios, 1 - 3 Sept. 1988, pg462-478 Proceedings.

6.2.4 Kitsos, C. P. (1992), The use of Numerical Methods in Applied
 Statistical Procedures.
 HERMIS-92 (Hellenic Research in Mathematics and Informatics),
 E. Lipitakis (Editor), pg. 209 - 215. (In Proceedings)

6.2.5 Kitsos, C. P. (1992), Adopting sequential procedures for Biological
 Based Experiments.
 MODA - 3 (Model Oriented Data Analysis), St. Petersburg, 25 - 30 May, 1992,
 Muller, Wynn, Zhigljavsky (Eds), pg. 3 - 9, Physica - Verlag.

6.2.6 Kitsos, C. P. (1992), Quasi - Sequential Procedures for the Calibration Problem.
 COMPSTAT (10th Symposium on Computational Statistics),
 24 - 28 Aug. 1992, Neuchatel, Switzerland, In Computational Statistics,
 Y. Dodge, J. Whittaker (Eds), Vol 2, pg. 227 - 231.

6.2.7 Kitsos, C. P. (1993), Multiple - Multivariate - Sequential T^2 - comparisons.
 LINSTAT '93 (International Conference on Linear Statistical Inference),
 May 31-June 4, Poznan, Poland. In Proceedings, T. Calinski, R. Kala (Eds), pg. 47-51.

6.2.8 Kitsos, C. P. (1993), An Algorithm for constructing the best Predictive Model. SOFTSTAT '93 (Advances in Statistical Software 4), Mar. 14-18, 1993, Heidelberg. In F. Faulbaum (Editor ZUMA Publication), pg. 535-539.

6.2.9 Kitsos, C. P. (1994), Simulated Experiment Designs. HERMIS '94 (Hellenic Research in Math and Inf/tics), E. Lipitakis (Ed), pg. 597 - 603.

6.2.10 Kitsos, C. P. (1994), Applying Numerical Methods in Statistics. COMPSTAT '94, (11th Symposium on Computational Statistics), Vienna, 22 - 26 Aug. 1994, In R. Dutter, W. Grossman (Eds), pg. 8 - 9.

6.2.11 Kitsos, C. P. (1995), On the Support points of D -Optimal Nonlinear Experimental Design for Chemical Kinetics. MODA - 4 (Model Oriented Data Analysis), Spetses, Greece, 5-9 June 1995. In Kitsos, C. P., Muller, W. (Eds), Proceedings, pg. 71 - 76, Physica - Verlag.

6.2.12 Kitsos, C. P., Muller, Ch. (1995), Robust Estimation of Non-linear Aspects. MODA - 4 (Model Oriented Data Analysis), Spetse, Greece, 5-9 June, 1995. In Kitsos, C. P., Muller, W. (Eds), Proceedings, pg. 223 - 233. Physica - Verlag.

6.2.13 Kitsos, C. P. (1995), Sequential Q-analysis. SOFTSTAT '95 (8th Conference on Statistical Software), Heidelberg, March 26 - 30, 1995. In F. Faubum, W. Bandilla (Eds) ,1996, Proceedings of SOFTSTAT '95, ZUMA Publications (Editor), pg. 65 - 70.

6.2.14 Kitsos, C. P. (1995), Optimization Techniques in Experimental Designs HERMIS '96 (Hellenic - European Research on Mathematics and Informatics), Σεπτ. 26-28, Αθήνα 1996, pg. 645 - 653.

6.2.15 Kitsos C. P. (1997), Nonlinear - Optimal - Sequential Experiment Designs and Applications. In: Industrial Statistics: Aims and Computational Aspects, C.P. Kitsos and L. Edler (Eds.), pg. 151 - 163.

6.2.16 Kitsos, C.P. , Ninni V. (1997), The Calibration Problem in Industry. In: Industrial Statistics: Aims and Computational Aspects, C.P. Kitsos and L. Edler (Eds.), pg. 17 - 25.

6.2.17 Kitsos, C. P. (1998), Quality Engineering through Experimental Design. HERCMA '98 (Hellenic European Research on Computer Mathematics and its Applications), pg. 1014 – 1021.

6.2.18 Kitsos, C. P., Kallifidas, C. (1998), Approximate Confidence Intervals for the Linear Calibration. COMPSTAT '98, 24 - 28 Aug. 1998, Bristol, England, pg. 57 - 78.

6.2.19 Kitsos, C. P. (1998), Discussion on «Teaching Experimental Design» by A. N. Donev.

MODA5 - Advances in Model - Oriented Data Analysis and Experimental Design, A. C. Atkinson, L. Pronzato, H. P. Wynn (Eds.), pg. 284 - 285.

6.2.20 Wosniok, W., **Kitsos, C.**, Watanabe, K. (1998), Statistical issues in the Application of Multistage and Biologically Based Models.

In: Prospective on Biologically Based Cancer Risk Assessment, Plenum, Pub. CO. (NATO Pilot Study Publication by Cogliano, Luebeck, Zapponi (Eds.)).

6.2.21 Kitsos, C. P. (1999), Calibration

In: Egcyclopedia of Statistical Science, Vol. 3, pg. 62 - 65, Eds: S. Kotz, C. Read, D. Banks.

6.2.22 **Kitsos, C. P.**, Koleva, E. (2000), The main aspects of the Multiresponse Problems

In: 3d Millennium, Challenge for Industrial Statistics, by Lauro, Antoch, Esposito, Kitsos, (Eds) pages: 20.

6.2.23 Kitsos, C. P. (2000), The Linear and Nonlinear Experimental Designs

In: 3d Millenium, Challenge for Industrial Statistics, co-edited by Lauro, Antoch, Esposito, Kitsos, pages: 21.

6.2.24 **Kitsos, C. P.**, A. Limakopoulou (2000), Optimal Risk Assessment for Estimating the VSD in Experimental Carginogenesis.

In: Medical Infobank for Europe, A. Hasman et-al (Eds.). IOS Press 2000, pg. 763 – 766.

6.2.25 Kitsos, C. P. (2002), Design Approach for the exponential Regression Model.

In: COMPSTAT 2002, Conference on Computational Statistics, Berlin, Aug 24-28.

6.2.26 Muller, C. H., **Kitsos, C. P.** (2004). Optimal Design Criteria Based on Tolerance Regions.

In :MODA7 – Advances in Model-Oriented Design and Analysis, by Di Bucchianno, A., Lauter, H., Wynn, H. (Eds), pg 107-115.

6.2.27 Kitsos, C. P. (2001), Numerical Iterative Schemes through Stochastic Approximation.

In : HERCMA 2001, E. A. Lipitakis (Ed) pg 594-596.

6.2.28 Kitsos, **C. P.**, Koilias, C. (2003). The best predictive model based on Tolerance Regions. (Greek)

In : Qualitative Methods in Industry nd Firms, Proceedings, pg. 259-266.

6.2.29 Kitsos, C. P., Koilias, C. (2003). Computational Aspects for the Simple Calibration Design.

In : HERCMA, 2003, E. Lipitakis (Ed), pg 630-633.

6.2.30 Kitsos, C. P. (2005). Optimal Design for Bioassays in Carcinogenesis.

In : Quantitative Methods for Cancer and Human Health Risk Assessment, by Lutz Edler and Christos Kitsos (Eds), 267-279. Wiley, England.

6.2.31 Kitsos, C. P., Edler, L. (2005), Cancer Risk assessment mixtures.

In : Quantitative Methods for Cancer and Human Health Risk Assessment, by Lutz Edler and Christos Kitsos (Eds), 283-298. Wiley, England.

6.2.32 Kitsos, C. P. (2005). The Ca Risk Assessment as a Bioassay.

In : 55th Session of the International Statistical Institute, Book of Abstracts, pg 272, 5-12 April 2005, Sydney.

6.2.33 Kitsos, C. P., Hatzikian, J. (2005). Sequential Techniques For Innovation Indexes.

In: 16 ISPIM Annual Conference , Porto, Portugal, 19-22 June 2005, e-volume.

6.2.34 Amaral-Mendes, J. J. , Cogliano, J. V., **Kitsos, C. P.** et al. (1999). Conclusions and Recommendations.

In: Prospective on Biologically Based Cancer Risk Assessment, Plenum, Pub. Co. (NATO Pilot Study Pub.) by Cogliano, Luebeck, Zapponi (Eds.).

6.2.35 Kitsos, C. P. (2005). Teaching Mathematics and Statistics for Students in Electronics.

In: 2005 WSEAS International Conference on Engineering Education, Vouliagmeni, Greece, July 8-10, 2005. Edidors: D. Trintis, F. Valianatos pg 203-207, e-volume.

6.2.36 Kitsos, C. P. (2003). Computational criteria for the Non-linear design.

In : HERCMA, 2003, E. Lipitakis (Ed), pg 587-593.

6.2.37 Kitsos, C. P. (2002). The Ca Risk Assessment as an Optimal Experimental Design.

In : Endocrine Disrupters and Carcinogenic Risk Assessment, by L. Chyczewski et. al. (Eds), pg 329-337. IOS Press, 2002.

6.2.38 Kitsos, C. P., Korres, G., Hatzikian, Y. (2005). Innovation activities in Greece: A statistical and Empirical approach.

In : Hellenic Statistical Institute Conference, Rhodes, Greece, 4-7 May 2005. Proceedings volume pg 459-465.

6.2.39 Kitsos, C. P., Korres, G., Hadjidema, S. (2005). A study for the determinant factors and the role of female entrepreneurship in Greek enterprises.

In :Hellenic Statistical Institute Conference, Rhodes, 4-7 May 2005, Proceedings, pg 451-457.

6.2.40 Kitsos, C. P, Hatzikian, Y. (2006). Innovation Management and Greek Entrepreneurship.

In : 17th ISPIM Annual Conference, Athnes, Greece, 11-14 June 2006, e-volume.

- 6.2.41 Kitsos, C. P.**, Korres, G., Hatzikian, J. (2005). Intedify the factors of the Female Entrepreneurship in Greece (Greek) .
In: Innovation, Development and Technology: 25-27 Nov 05, Athens, Proceedings, pg 131-140.
- 6.2.42 Kitsos, C. P.**, Korres, G., Hatzidema, S. (2005). Economical Analysis of the of the Female Entrepreneurship in Greece (Greek) .
In: Innovation, Development and Technology: 25-27 Nov 05, Athens, Proceedings, pg 51-60.
- 6.2.43 Kitsos P. Christos**, Korres M.George and Hadjidema Stamatina (2006). An Empirical Investigation on Female Entrepreneurship and Innovation Activities in Greece.
In: International Conference of ERSAs (European Regional Science Association), Volos, GR . Conference Proceedings by H. Cocossis, Y. Psycharis (Eds), pg 223-249.
- 6.2.44 Kitsos, C. P.**, Korres, G., Hadjidema, S. (2006).Theory and Evidence on Entrepreneurship and Innovation Activities : A case study for Greek Enterprises.
In:Hellenic Stat. Institute Conference, Kastoria, 26-29 April 2006. Proceedings,pg 613-620.
- 6.2.45 Kitsos, C. P.**, Korres, G., Hadzikian, Y. (2005). Statistical Analysis on Entrepreneurship and Innovation Activities for Greek Enterprises.
In:Hellenic Statistical Institute Conference, Kastoria, 26-29 April 2006. Proceedings pg 603-612.
- 6.2.46 Kitsos C.** and Hadjidema S. (2006). Innovation and Women Entrepreneurship: Analyzing data from a survey in Greece,
In: 17th ISPIM Annual Conference, Athens, Greece, 11-14 June 2006. In Proceedings e-volume.
- 6.2.47 Halkos, G. , Kitsos, C.** (2006). Female Participation in Innovations: Empirical Findings for Greece.
In : International Conference “Consolidation of the Statistical Systems of EU Candidate Countries”, Proceedings, p. 114-123.
- 6.2.48 Kitsos, C. P.**, Anastasakos, D., Kitsou, D. (2006). Expansion of the Liaison Office of Technological Educational Institute of Athens to the Balkan Region.
In : International Conference “Consolidation of the Statistical Systems of EU Candidate Countries”, Proceedings, p. 212-217.
- 6.2.49 Kitsos, C.**, Korres, G., Hadjidema, S. (2006). Female Entrepreneurship and European National Systems of Innovation: a Case Study for Greek Enterprises.
In : International Conference “10th International Conference of the Economic Society of Thessalonica”, e-Proceedings, session 7.
- 6.2.50 Kitsos, C.** (2006). On the Logit Methods for Ca Problems.
In : Statistical Methods for Biomedical and Technical Systems, by F. Vonta (Ed), Limassol, Cyprus, pg 335-340.

- 6.2.51 Kitsos, C. P.**, Chalikias, M. S., Voutsinas, G. P.. (2007). A quantitative approach to Brest Cancer Data. In: 2d International Conference on Cancer Risk Assessment (ICCRA2), Santorini, 25-27 May 2007, e-proceedings.
- 6.2.52 Bernal, M., Chalikias, M. S., Kitsos, C. P.** (2007). Analysing data set on Thyroid Cancer. In: 2d International Conference on Cancer Risk Assessment (ICCRA2), Santorini, 25-27 May 2007, e-proceedings.
- 6.2.53 Kitsos, C. P.** (2007). Applying Nonlinear Models in Cancer. In: 56th session of the ISI, Book of Abstracts, pg 293, Lisboa, 22-29 Aug 2007, Portugal., e-proceedings volume.
- 6.2.54 Kitsos, C. P.** (2007). The SPRT for the Poisson Process. In: XIIth Applied Stochastic Models and Data Analysis (ASMDA 2007), May 29-June 1, Chania, Crete, e-proceedings.
- 6.2.55 Kitsos, C. P., Tsaknis, I.** (2007). Risk Analysis on Dairy Products. In: ISCMRA (International Conference on Statistics Management of Risk Assessment), Lisboa, Aug 30-31, 2007, Portugal. e-proceedings.
- 6.2.56 Kitsos, C. P., Hatzikian, Y.** (2008). Investigating Innovating techniques for the Greek SMEs within the European Union. e-Proceedings of ERIMA08, 6-7Nov 2008, Porto, Portugal.
- 6.2.57 Kitsos, C. P., Sotiropoulos, M.** (2009). Statistical and Conceptual Distance Methods For Bioassays. In: ICCRA3 (3d International Conference on Cancer Risk Assessment), Porto Heli, 16-18 July 2009, Greece. e-Proceedings, edited by : C. Kitsos and C. Caroni.
- 6.2.58 Kitsos, C. P., Tavoularis, N., Toulis, T., Lolos, G.** (2009). Statistical Approaches For Modeling Cancer Bioassays. ICCRA3 (3d International Conference on Cancer Risk Assessment), Porto Heli, 16-18 July 2009, Greece. e-Proceedings, edited by : C. Kitsos and C. Caroni.
- 6.2.59 Chalkias, M., Kitsos, C. P., Bernal, B.** (2009). Cluster Analysis and statistical methods on Thyroid's Cancer data set. ICCRA3 (3d International Conference on Cancer Risk Assessment), Porto Heli, 16-18 July 2009, Greece. e-Proceedings, edited by : C. Kitsos and C. Caroni.
- 6.2.60 Kitsos, C. P., Tavoularis, N.** (2009). New Entropy Type Information Measures. ITI09 Proceedings of the 31st International Conference on Information Technology Interfaces, Edited by : Vesna Luzar-Stiffer, Iva Jarec, Zoran Bekic, pg 255 -259, June 22-25, 2009 Cavtat/Dubrovnik, Croatia.
- 6.2.61 Kitsos, C. P.** (2010). Non-Linear Modeling for Ca Bioassays. In : International Symposium on Stochastic Models in Reliability Engineering, Life Science and Operations Management, February 8-11, 2010, Beer Sheva, Israel, e-Proceedings.

6.2.62 Kitsos, C. P (2010). Nonlinear Models.
International Encyclopedia of Statistical Science., by Miodrag Lovric(Editor) Springer.

6.2.63 Kitsos, C. P. (2010). The Sequential Feature of the Autoregressive model.
In : Stochastic Modeling Techniques and Data Analysis International Conference (SMTDA2010), Chania, Crete, Greece, 8-11 June 2010, e-proceedings

6.2.62 Hatzikian, Y., **Kitsos, C. P.**, Korres, G. M. (2010). The Puzzle of Knowledge, Entrepreneurship and Innovation Activities.
In : Women Participation and Innovation Activities, by G. Korres (Editor) pg 27-58. The Women Press, Delhi.

6.2.64 **Kitsos, C. P.**, Hatzikian, Y. (2010). Entrepreneurship and Innovation Activities: A Pareto Analysis.
In : Women Participation and Innovation Activities, by G. Korres (Editor) pg 212-232. The Women Press, Delhi.

6.2.65 Kitsos, C. P (2010). Calibration.
International Encyclopedia of Statistical Science, by Miodrag Lovric(Editor) Springer.

6.2.66 **Kitsos, C. P.**, Toulías, T. (2010). Entropy Inequalities for the Generalized Gaussian.
In: ITI10 Proceedings of the 32st International Conference on Information Technology Interfaces, June 21-24, 2010, Cavtat/Dubrovnik, Croatia.

6.2.67 **Kitsos, C. P.**, Toulías, T. (2010). Evaluating Information Measures for the γ -order Multivariate Gaussian.
PCI: Pan-Hellenic Conference on Informatics, 10-12 Sep 2010, Tripoli, Greece, Proceedings (Vasilakis, Tselikas, Eds) pg 153-157.

6.2.68 **Kitsos, C. P.**, Toulías, T.(2010). Entropy Inequalities for the Generalized Gaussian.
ITI10 Proceedings of the 32st International Conference on Information Technology Interfaces, June 21-24, 2010, Cavtat/Dubrovnik, Croatia.

6.2.69 Kitsos, C. P. (2011). Compact review of the models in carcinogenesis.
In: Risk Analysis –ICRA4, by A. Karagrogriou (Ed), pg 185-192.

6.2.70 Halkos, G., **Kitsos, C. P.** (2011). Relative Risk on Innovation: the Greek activities.
In: Risk Analysis –ICRA4, by A. Karagrogriou (Ed), pg 141-148.

6.2.71 **Kitsos, C. P.**, Toulías, T. L (2011). The SPRT and the differential entropy.
In: The 14th Conference of the ASMDA International Society (ASMDA 2011), e-Proceedings, Rome, Italy, June7-10, 2011, pg 712-719.

6.2.72 Kitsos, C. P. (2011). On Fisher's Information Measures.

In : Digital Technologies 2011, Nov 10-11, 2011, Zilina Slovakia, e-Proceedings 178-183.

6.2.72 Toulas, T. L., **Kitsos, C. P.** (2012). On the alpha-Shiner-Davinson-Landsberg- measure of complexity.

In: European Conference on Complex Systems (ECCS 2012), Sep 3-7, 2012 Brussels, Belgium. ECCS (2012) Proceedings of the European Conference on Complex Systems 2012, Springer Proceedings In Complexity 2013, pg 227-233.

http://link.springer.com/chapter/10.1007/978-3-319-00395-5_32

Kitsos, C. P., Toulas, T. (2012). An entropy type measure of complexity.

In: COMPSTAT 2012, Aug 27-31, Limassol, Cyprus, pg 203-415.

6.2.74 Kitsos, C. P. (2011). On Fisher's Information Measures.

In : Digital Technologies 2011, Nov 10-11, 2011, Zilina Slovakia, e-Proceedings 178-183.

6.2.75 Kitsos, C. P. (2014). Statistical invariance due to affine transformation.

In: Greek Statistical Institute, Abstract, e-proceedings, Peiraias, 8-11 May 2013, pg 82.

6.2.76 Kitsos, C. P. (2014). Nuclear events with their Socio-Environmental effects

In: EVENCON ,1st Environmental Conference, Bolos, 26-27 March, 2014,e-proceedings, pg 271-281.

<http://envecon2014.econ.uth.gr/main/>

6.2.77 **Kitsos, C. P.**, Toulas, T. (2014). Entropy Measures and the Generalized Fisher's Information.

In: SMTDA, 3d Stochastic Modeling Techniques and Data Analysis, June 11-14, 2014, Lisboa, Portugal, e-proceedings pg 729-738.

http://www.smta.net/images/1_R-T_SMTDA2014_Proceedings.pdf

6.2.78 **Kitsos, C. P.**, Toulas, T.L(2014). Inequalities for the Generalized Entropy Type Fisher's Information.

In : T. M. Rassias (Ed) Handbook of Functional Equations, pg 281-313. Springer

<http://www.springer.com/mathematics/dynamical+systems/book/978-1-4939-1245-2>

6.2.79 **Kitsos, C. P.** (2015). Forward . In the e- book by Boccuto, A., Dimitriou, X.

Convergence Theorems for Lattice Group-Valued Measures.

e-ISBN : 978-1-68108-009-3, ISBN : 978-1-68108-010-9, Bentham.

6.2.80 **Kitsos, C. P.** , T.L. Toulas (2015). On the Michaelis Menten Model.

In : ICRA6, Proceedings, Barcelona 25-29 May 2015: Current Topics on Risk Analysis: ICRA6 and Risk 2015 Conference, by Guillen, M., Juan, A., Ramanhinho, H., Serra, I., Serrat, C. (Eds), pg 449-456.

http://www.mapfre.com/documentacion/publico/i18n/catalogo_imagenes/grupo.cmd?path=1083273

- 6.2.81 Kitsos, C. P.**, Toulías, T. L. (2015). Generalized Information Criteria for the Best Logit Model.
In: Theory and Practice of Risk Assessment, by Kitsos, C. P., Oliveira, T. A., Rigas, A., Gulati, S. (Eds), pg 3-20. Springer
- 6.2.82 Zarikas, V., Kitsos, C. P.** (2015). Risk Analysis with Reference Class Forecasting Adopting Tolerance Regions.
In: Theory and Practice of Risk Assessment, by Kitsos, C. P., Oliveira, T. A., Rigas, A., Gulati, S. (Eds), pg 235- 247. Springer.
- 6.2.83 Toulías, L.,T., Kitsos, C. P.** (2015). Entropy and Information Extensions through the Generalized Normal Distributions.
In: 16th ASMDA Conference Proceedings, 30June – 4 July 2015, Pireaus, Greece.
<http://www.asmda.es>
- 6.2.84 Kitsos, C.P., Toulías, T.L.** (2015). A Compact Review of the Models Involved in Cancer Problems. ISI session, 2015.
- 6.2.85 Kitsos, C.P., Toulías, T.L.** (2012). An entropy type measure of complexity,
In: 20th COMPSTAT, Aug 27-31, Limassol Cyprus, Proceedings pg 413-415
- 6.2.86 Toulías, L.,T., Kitsos, C. P.** (2015). Entropy and Information Extensions Through the Generalized Normal Distributions.
In: Stochastic and Data Analysis Methods and Applications in Statistics and Demography, 30June – 4 July 2015, Pireaus, Greece ,Conference Proceedings by J.R. Bozeman,T.Oliveira, C.H. Skiadas(Eds), ISAT2016, 141-156.
<http://www.asmda.es>
<http://www.smta.net/smtdabooks/smta2014book2.html>
- 6.2.87 Toulías, T.L, Kitsos, C. P.** (2013). On the α -Shiner-Davinson-Landsberg measure of Complexity.
In: Proceedings of the European Conference on Complex Systems 2012, ECCS, 2012, Sep 3-7, Brussels, Belgium, T. Gilbert, M. Kirkilionis, G. Nikolis (Eds) pg 227-233.
- 6.2.88 Kitsos, C.P., Toulías, T.L.** (2018). Discrete Mathematics for Statistical and Probability Problems.
In : Modern Discrete Mathematics and Analysis, by Daras, N., Rassias, Th.(Edit) pg 251-274, SPRINGER, ISBN 978-3-319-74325-7
<https://www.springer.com/us/book/9783319743240>
- 6.2.89 Kitsos, C.P., Toulías, T.L.** (2018). Hazard Rate and Future Lifetime for the Generalized Normal Distribution.
In : Recent Studies on Risk Analysis and Statistical Modeling. By Oliveira, T., Kitsos, C.P, Oliveira, A., Grilo, L. (Eds), pg 165-180. Springer.
<https://doi.org/10.1007/978-3-319-76605-8>

- 6.2.90 Kitsos, C.P.**, Toulas, T.L. (2019) Inequalities in Statistics and Information Measures.
In : Springer Nature Switzerland AG 2019, D. Andrica, T. M. Rassias (eds.), *Differential and Integral Inequalities*, Springer Optimization and Its Applications, 151, pg 481 – 508.
https://doi.org/10.1007/978-3-030-27407-8_16
- 6.2.91** Toulas, L.,T., **Kitsos, C. P.** (2016). Generalizations of Entropy and Information Measures.
In: *Computation, Cryptography and Network Security*, by N.J. Daras and M.Th. Rassias (Eds), Springer, 495-526.
- 6.2.92 Kitsos, C. P.**, Oliveira, A. (2020). Asymptotic Statistical Results : Theory and Practice.
In : SPRINGER, *Computational Mathematics and Variational Analysis*, by Daras and Rassias (Eds). , pg 177 – 190.
- 6.2.93** Kitsos, C. P., Oliveira, A. (2020). On the Computational Methods in Non-linear Design of Experiments.
In : SPRINGER No 159, *Computational Mathematics and Variational Analysis*, by Daras and Rassias (Eds). , pg 190 - 206
- 6.2.94** Ηλιοπούλου, Π., **Κίτσος, Χ.** (2019). Εφαρμογές Στατιστικής στην Γεωγραφία : Χωρική Ανάλυση. (in Greek)
Statistical Applications to Geography : Spatial Analysis
In : Recent Work on Social Studies and Geography : Theory and Policies).
(Σύγχρονα Κείμενα Κοινωνικών Επιστημών & Γεωγραφίας : Θεωρία και Πολιτικές) υπό Κορρέ, Γ., Κουρλιούργος, Η., Κόκκινου, Α. (Eds), σελ 212-224.
https://geography.aegean.gr/files/labs/Book_ISBN%20978-618-00-1695-6.pdf
- 6.2.95** Carayanni, V., **Kitsos, C.**, Nisiotis, S-C., (2019). Application of Experts elicitation methods in probabilistic form to collect resource use data in health care. The case of skin cancer. *Sustainable Development, Culture, Traditions Journal, Special Volume in Honor of Professor George I. Theodoropoulos*, 82-91.
- 6.2.96 Kitsos, C. P.**, C.S A.Nisiotis (2021). The role of Differential Equations in Applied Statistics.
In : *Nonlinear Analysis, Differential Equations and Applications*, by Th. Rassias (Ed). SPRINGER Volume. To appear.
- 6.2.97 Kitsos, C. P.**, C.S A Nisiotis (2021). Identifying the Computational Problem in Applied Statistics.
In : *Approximation and Computation in Science and Engineering*, by N.J. Daras and Th.M. Rassias (Eds). SPRINGER Volume. To appear.

- 6.2.98** **Κίτσος, Π. Χ.**, Ηλιοπούλου, Π. (2020). Μέτρα απόστασης στη Χωρική Στατιστική.
In : *Social Studies and Geography : Theory, Methods and Technics in Spatial Analysis*. (*Κοινωνικές Επιστήμες και Γεωγραφία: Θεωρία, Μέθοδοι & Τεχνικές Χωρικής Ανάλυσης*) pg. 96-108. των Καλαμποκίδης Κ., Κορρές Γ., Σουλακέλλης Ν. και Φείδας Χ. (Eds) :
https://geography.aegean.gr/files/labs/Book_Kanaroglou.pdf
- 6.2.99** Carayanni, V. Kitsos, C. (2022). Model Oriented Statistical Analysis for Cancer Problems.
In : *Mindful Topics on Risk Analysis and Design of Experiments*, by Pilz, J., Oliveira, T., Moder, K. Kitsos, C. (eds), pg 37-53. Springer
- 6.2.100** **Kitsos, P,C**, Oliveira, T., Oliveira, A.(2022). Geometrical and Optimization Aspects for Approximating the Response Surface in Industry.
In : *Global Optimization, Computations, Approximations and Applications*, by Rassias, T. (editor). World Scientific Pub. Co. To appear
- 6.2.101** **Kitsos, C. P.** , Fatouros, S. (2023). Geometry in Quantitative Methods and Applications.
In : *Analysis, Geometry, Nonlinear Optimization and Applications* by P. M. Pardalos and T. M. Rassias (eds), pg 535 – 563. World Scientific Pub. Co.
<https://doi.org/10.1142/13002>
- 6.2.102** **Kitsos, C. P.** , Fatouros, S. (2023). Optimum Statistical Analysis on a Sphere.
In : *Analysis, Geometry, Non-Linear Optimization and Applications*, by Pardalos and Rassias (eds), 535 -564. World Scientific Pub. Co.
- 6.2.103** **Kitsos, C. P.** , Nisiotis, C.S.A. (2023). Statistical and Probability Models for Environmental Risk Analysis.
8th ENVECON, Book of Proceedings, 39-53.
- 6.2.104** **Kitsos, C. P.**, Trandafir, P. C. (2023). Hazard functions, $N_{\gamma}(\mu, \sigma^2)$ distribution for Environmental Pollutants.
8th ENVECON, Book of Proceedings, 65-75.
- 6.2.105** **Kitsos, C. P** (2023). Applying Logarithm Sobolev Inequalities to Probability and Statistics. In : *Mathematical Analysis, Differential Equations and Applications* by T.M Rassias (ed),. World Scientific Pub. Co.
- 6.2.106** **Kitsos, C. P.**, Amaral, F. (2024). Adopting Convex Analysis in Statistical Applications. In : *Convex and Variational Analysis with Applications* by P.M. Pardalos, T.M. Rassias (Eds). In Honor of Prof Tyrell Rockafellar. Springer

- 6.2.107** Kitsos, C. P., Fatouros, S. (2025). Applying Distance Approaches for Discrete Data. In: Optimization, Discrete Mathematics and Applications to Data Sciences by Nikeghbali, A., Pardalos, P. Michael Rassias (ed), pg 105-116. Springer Nature.
- 6.2.108** Kitsos, C. P., Amaral, F. (2004). Strengthening framework of Statistics by Applied Mathematical Analysis. In: Convex and Variational Analysis with Applications by Pardalos, M. P. and Rassias, M. T. (eds) 2026 World Scientific Publishing Company https://doi.org/10.1142/9789819820498_0009
- 6.2.109** Kitsos, C. P., Stamatiou, S. I. (2025). The γ -order Generalized Normal And Differential Equations. In : Nonlinear Analysis, Geometry and Differential Equations, by Rassias, M. T. and Pardalos, M.D. (eds). Springer.
- 6.2.110** Kitsos, C. P., Nyamsi, U. E. (2025). Geometry and Analysis for Nonlinear Optimal Experimental Statistical Design Problems. In : Nonlinear Analysis, Geometry and Differential Equations, by Rassias, M. T. and Pardalos, M.D. (eds). Springer.
- 6.2.111** Kitsos, C. P (2025). Nonlinear Models. International Encyclopedia of Statistical Science, by Miodrag Lovric (Editor)- new 2d edition of [187] – pg 386-389. Springer.
- 6.2.112** Kitsos, C. P (2025). Nonlinear Models. International Encyclopedia of Statistical Science, by Miodrag Lovric (Editor)- new 2d edition of [181]- pg 1698 – 1702. Springer.
- 6.2.113** Kitsos, C. P. , Stamatiou,I. (2026) On the main special functions from Mathematical Analysis applied to Statistics. In :“An Analytic Path to Stability, Approximation, Optimization and Functional Equations: In Honor of Th. M Rassias on the occasion of his 75th Birthday”. Springer. To appear
- 6.2.113** Kitsos, C. P. (2026). Reference to Centuries Struggles in History and Knowledge: Greeks and Persians. In MIDDLE EAST BULLETIN ON IRAN, Jan 2026, J. Karkazis and C. Kitsos (eds) pg 15 – 20.

6.3 Abstracts in International Conferences

- 6.3.1** Kitsos, C. P. (1987), Optimal Experimental Design for reaction Kinetic data. 17th European Meeting of Statisticians, 24 - 28 Aug. 1987, Thessaloniki. In Proceedings pg 31.

6.3.2 Stratigis, N., Harbis, P., **Kitsos, C.**, Stamatis, D., Kyriakides, Z., Voridis, E. (1985), The Effect of Nitroglycerin on systolic time intervals in normal individuals. 13th European Congress on Non invasive Cardiovascular Dynamics, April 22 - 25, Bruscia, Italy.

6.3.3 Vlatis, G., **Kitsos, C. P.** (1988), Modeling the weight bearing pattern through anatomical parameters in feet with hallux valgus. Annual Scientific meeting of BOFSS (British Orthopedic Foot Surgery Society), Birmingham, U. K., 24 - 25 Nov., 1988.

6.3.4 Kitsos, C. P. (1988), Fully sequential procedures in Nonlinear Design Problems. 1st International Conference on Optimal Design and Analysis of Experiments, Neuchatel, Switzerland, July 1988.

6.3.5 Kitsos, C. P. (1989), Sample Surveys as optimal experimental designs. 47th SESSION OF ISI (International Statistical Institute), Paris, August 1989. Στα πρακτικά, Book 1, pg. 522 - 523.

6.3.6 Kitsos, C. P. (1990), Nonparametric features on Optimal Experimental Design. NATO / ASI meeting, Spetses, Aug. 1990.

6.3.7 Kitsos, C. P. (1990), The Nonlinear Experimental Design Problem. 2nd World Congress of the Bernoulli Society, Aug. 13 - 18, 1990, Uppsala, Sweden.

6.3.8 Sourmelis, S., Kalavritinos, J., Galaris, P. and **Kitsos, C.** (1992), The significance of the laterall collaterall ligament of the elbow joined in vareus stress. Scandinavian Orthopedic Meeting, Malmoe, Sweden, 3 - 6 June, 1992.

6.3.9 Kitsos, C. P. (1991), Treating cancer data from Health Survey in Athenian Hospitals. 48th ISI Session, Cairo, Sept. 9 - 17, 1991.

6.3.10 Kitsos, C. P. (1993), Limiting results for sequential designs through Stochastic Approximation. The Fifth Prague Symposium on Asymptotic Statistics, 4 - 9 Sept. 1993, Charles University, Prague.

6.3.11 Kitsos, C. P. (1994). Optimal Design criteria based on Tolerance Regions. Probastat '90 (International Conference on Mathematical Statistics), May 30 - June 3, 1994, Smolenice, Slovakia, Abstracts pg 23-24.

6.3.12 Kitsos, C. P. (1995), Computational Problems in Sequential Designs. Tartu Conference on Computational Statistics & Statistical Education., pg. 27 of Abstracts. Tartu, Estonia, 2 - 8 June 1996.

- 6.3.13** Kitsos, C.P. (1996). Information measures for Epidemiological Data. XXVI International Biometrical Colloquium, Inowroclaw, Poland, Abstracts pg. 40.
- 6.3.14** Kitsos, C.P. (1997), Dose - Response Models for Cancer Risk Assessment. 51st Session of the ISI,. Contributed papers, Tome LVIII, Book 1. Istanbul, 18-26 August 1997.
- 6.3.15** Kitsos, C. P. (1998), The effect of covariates to experimental carcinogenesis. 28 International Biometrical Colloquium: In honor of Tadeuz Calinski, Inowroclaw, 14 - 17 Sept. 1998, pg. 57 of Abstracts - Invited Address.
- 6.3.17** Kitsos, C.P., Dimelis, I. E. (1998), Response Surface Metrology with applications to Chemical Industry
HERCMA '98 (Hellenic European Research on Computer Mathematics and its Applications). Abstracts, pg. 177.
- 6.3.18** Kitsos, C.P., Kallifidas, C., Vourvahi, C. (1998), Quality Improvement through experimental design in Paint Industry.
HERCMA '98 (Hellenic European Research on Computer Mathematics and its Applications). Abstracts, pg. 108.
- 6.3.19** Kitsos, C. P. (1999), An Optimal Design Approach for Environmental Problems. In: Envirometrics and Statistics in the Earth and Space Sciences, Satellite meeting to the 52 ISI Conference, Athens, Aug. 23-27, pg. 16 of Abstracts.
- 6.3.20** Kitsos, C. P., (1999), On the rotatability measure for the response surface designs.
52o ISI Conference, Proc/ngs Tome LVIII, Book 3, pg 267. Helsinki, Aug. 10-18, Finland.
- 6.3.21** Cogliano, V.J, C. Kitsos (20001) Modeling I.
Folia Histochemica Et Cytobiologica, 39, pg11 (ARW/NATO meeting Bialystock 22-29 May 2001, Poland).
- 6.3.22** Kitsos, C. P. (2001). The Cancer Risk Assessment as an Optimal Experimental Design.
Folia Histochemica Et Cytobiologica, 39, pg 16 (ARW/NATO meeting Bialystock, 22-29 May 2001, Poland).
- 6.3.22** Kitsos, C.P. (2001). An Optimal Experimental Design Approach For the Michaelis-Menten model.
XXXIth International Biometrical Colloquium, Skorzecin, 17-21, Sep 2001, Poland , page 16 of Abstracts.
- 6.3.23** Kitsos, C. P.(2001). Numerical Iterative Schemes through Stochastic Approximation.
HERCMA 2001, Sep 20-22, 2001, Athens, page 227 of Abstracts.

6.3.24 Kitsos, C.P. and Limakopoulou, A. (2001) Applying Iterative Methods to Experimental Carcinogenesis.
HERCMA 2001, Sep 20-22, 2001, Athens, page 228 of Abstracts.

6.3.25 Kitsos, C. P.(2002). Greek Statistical Data and Analysis concerning the Chernobyl nuclear accident.
In: Risk Assessment of the Chernobyl Accident consequences. Kiev, 9-13 April, 2002.

6.3.26 Kitsos, C. P. (2003). Optimal Design Theory for Non-Linear Problems.
In: Recent Advances in Statistical Designs and Related Combinatorics, Univ. of Athens, Athens , July 7-9 2003, Greece (In Honour of Prof. S. Kounias) page 24.

6.3.27 Kitsos, C. P. (2003). Optimal Designs for Bioassays in Carcinogenesis.
In :ICCRA (International Conference on Cancer Risk Assessment), by Kitsos, C. P., Athens 22-24 Aug. 2003, pg 42.

6.3.28 Kitsos, C. P., Edler, L. (2003). Mixtures Ca Risk Assessment.
In :ICCRA (International Conference on Cancer Risk Assessment), by Kitsos, C. P., Athens 22-24 Aug. 2003, pg 46.

6.3.29 Kitsos, C. P., Fakidou, M (2000). Epidemiological Studies for Ca in TZANIO hospital at Perea (1997-2001))
In :ICCRA (International Conference on Cancer Risk Assessment), by Kitsos, C. P., Athens , 22-24 Aug. 2003, pg 96-102.

6.3.30 Kitsos, C. P. (2004). Computational Aspects on the Non-Linear Designs.
In : Joint Statistical Meetings, Aug 8-12,Toronto, Canada, pg 208-209.

6.3.31 Kitsos, C. P. (2005). Cancer Bioassays : A Statistical Framework
In : CCMS/NATO meeting in IARC Lyon, 18-20 Nov 2004.

6.3.32 Kitsos, C. P. (2005). Teaching Math and Stat for students in Electronics.
In: 2005 WSEAS International Conference on Engineering Education

6.3.33 Kitsos, C. P. (2005). Environmental and Economical Effects of Pollution: A Statistical Analysis.
In: CCMS/NATO meeting Risk Assessment of Chernobyl Accident Consequences : Lessons learned for the future. Kiev, June 1-4, 2005.

6.3.34 Edler, L. , Kitsos, C. P. (2005). Recent advances in quantitative methods in cancer and human risk assessment.
In: CCMS/NATO meeting Risk Assessment of Chernobyl Accident Consequences: Lessons learned for the future. Kiev, June 1-4, 2005.

6.3.35 Kitsos, C. P (2006). Statistical Methods to approach certain problems in Carcinogenesis.
In : CCMS/NATO Pilot Study “Advanced Cancer Risk Assessment”, Heidelberg, Nov 3-6, 2006.

6.3.36 Halkos, G. , **Kitsos, C.** (2006). Female Participation in Innovations: Empirical Findings for Greece.

In : International Conference “Consolidation of the Statistical Systems of EU Candidate Countries”, Abstracts, p. 26.

6.3.37 **Kitsos, C. P.**, Anastasakos, D., Kitsou, D. (2006). Expansion of the Liaison Office of Technological Educational Institute of Athens to the Balkan Region.

In : International Conference “Consolidation of the Statistical Systems of EU Candidate Countries”, Abstracts, p. 37.

6.3.38 **Kitsos, C. P.** , Chalikias, M. S., Voutsinas, G. P.. (2007). A quantitative approach to Breast Cancer Data.

In: 2d Inter. Conf on Cancer Risk Assessment (ICCRA2), Santorini, 25-27 May 2007, Abstracts.

6.3.39 BernalM., Chalikias, M. S., **Kitsos, C. P.** (2007). Analysing data set on Thyroid Cancer.

In: 2d Inter. Conf on Cancer Risk Assessment (ICCRA2), Santorini, 25-27 May 2007, Abstracts.

6.3.40 Kitsos,C. P. (2007). The SPRT for the Poisson Process.

In: XIIth Applied Stochastic Models and Data Analysis (ASMDA 2007), May 29-June 1, Chania, Crete, Abstracts, pg 97.

6.3.41Kitsos, C. P. (2007). Applying Nonlinear Models in Cancer.

In: 56th session of the ISI, Lisboa, 22-29 Aug 2007, Portugal. Book of Abstracts, pg 293.

6.3.42 **Kitsos, C. P.**, Tsaknis, I. (2007). Risk Analysis on Diary Products.

In: ISCMRA (International Conference on Statistics Management of Risk Assessment), Lisboa, Aug 30-31, 2007, Porugal. E-Abstracts pg 31.

6.3.43 Rigas, A., Vassiliadis, V., **Kitsos, C. P.** (2007). Risk Assessment for the Response of a Complex System Involving Stationary point Process.

In: ISCMRA (International Conference on Statistics Management of Risk Assessment), Lisboa, Aug 30-31, 2007, Porugal. E-Abstracts pg 39.

6.3.44 **Kitsos, C. P.**, Tsaknis, I. (2007). Risk Analysis on Diary Products.

In: ISCMRA (International Conference on Statistics Management of Risk Assessment), Lisbon, Aug 30-31, 2007, Porugal. E-Abstracts pg 31.

6.3.45 Rigas, A., Vassiliadis, V., **Kitsos, C. P.** (2007). Risk Assessment for the Response of a Complex System Involving Stationary point Process.

In: ISCMRA (International Conference on Statistics Management of Risk Assessment), Lisbon, Aug 30-31, 2007, Porugal. E-Abstracts pg 39.

6.3.46 **Kitsos, C. P.**, Hatzikian, Y. (2008). Investigating Innovating techniques for the Greek SMEs within the European Union.

In: Abstracts of ERIMA08, 6-7Nov 2008, Porto, Portugal.

6.3.47 Kitsos, C. P., Tavoularis, K. N., Toulías, T., Lolas, G. (2009). Statistical Approaches for Modelling Cancer Bioassays.
In :ICCRA3 (3d International Conference on Cancer Risk Assessment), by Kitsos, C. P., Porto Heli, 16-18 July 2009, e-proceedings.

6.3.48 Kitsos, C. P., Sotiropoulos, M. (2009), Statistical and conceptual Distance Methods For Bioassays.
In :ICCRA3 (3d International Conference on Cancer Risk Assessment), by Kitsos, C. P., Porto Heli, 16-18 July 2009, e-proceedings.

6.3.49 Kitsos, C. P. (2009). Adopting Hypergeometric Functions for Sequential Statistical Methods.
In M3ST'09 International Conference on Modern Mathematical Methods in Science and Technology, Poros, Greece, 3-5 .

6.3.50 Kitsos, C. P. (2010). Non-Linear Modeling for Ca Bioassays.
In : International Symposium on Stochastic Models in Reliability Engineering, Life Science and Operations Management, Feb 8-11, 2010, Beer Sheva, Israel, pg 128.

6.3.51 Kitsos, C. P. (2010). The Sequential Feature of the Autoregressive model.
In : Stochastic Modeling Techniques and Data Analysis International Conference (SMTDA2010), Chania, Crete, Greece, 8-11 June 2010, pg 53 Book of Abstracts.

6.3.52 Kitsos, C. P., Trandafir, C.P., Toulías, T. (2010). On the γ -order generalized Gaussian.
IWAP (International Workshop on Applied Probability), Colmenarejo, Madrid, 5-8 July 2010.

6.3.53 Kitsos, C. P., Toulías, T. (2010). Entropy Inequalities for the Generalized Gaussian.
ITI10 Proceedings of the 32st International Conference on Information Technology Interfaces, June 21-24, 2010, Cavtat/Dubrovnik, Croatia.

6.3.54 Kitsos, C. P. (2010). On the Optimal Nonlinear Experimental Design and Its Applications.
In: 28th European Meeting of Statisticians, EMS2020, 17-22 Aug 2010 Piraeus, Greece,pg168.

6.3.55 Kitsos, C. P. (2011). On the Optimal Experimental Design Problem: Linear and Nonlinear
In: 5th Workshop on Statistics, Mathematics and Computation – methods and application, July 11-12, 2011, Universidade do Algarve, Faro, Portugal, pg 22 (**invited speaker**)

6.3.56 T. L. Toulías, Kitsos, C. P. (2012). On the α -Shiner-Davinson-Landsberg measure of Complexity.
In: European Conference on Complex Systems, ECCS, 2012, Sep 3-7, Brussels, Belgium, Abstract #B19.

6.3.57 Kitsos, C. P., Toulías, T., Vasiliadis, V. (2013). MLE for the γ -order Generalized Normal Distribution. In: 7WSCM (7th Workshop on Stat Mat and Computation), 28-29 May 2013, Tomar, Portugal, pg 71.

6.3.58 Zarikas, V., **Kitsos, C. P.** (2013). Adopting Invariant Tolerance Regions for Obtaining the best Predictive model for Risk Analysis.
ICRA5 (5th International Conference on Cancer Risk Assessment) 30 May-1 June 2013, Tomar, Portugal, pg 164.

6.3.59 **Kitsos, C. P.**, Toulas, T. (2013). Maximum Entropy Criteria for Relative Risk.
ICRA5 (5th International Conference on Cancer Risk Assessment) 30 May-1 June 2013 Tomar, Portugal, pg 162.

6.3.60 Kitsos, C. P. (2015). Risk Analysis and Applications.(Minicurso)
In : Conferencia Internacional de Amazonia em Estatistica Experimental e Analise de Risco. By R. M. Lima, T. Oliveira (Eds). Manaus, AM 12-15 Aug. 2014
pg 41-44.Editing on 2015.
<http://ainfo.cnptia.embrapa.br/digital/bitstream/item/116796/1/Anais-Conferencia-Internacional.pdf>

6.3.61 Kitsos, C. P. (2015). Statistical Risk Methods on Cancer Problems.
In : Conferencia Internacional de Amazonia em Estatistica Experimental e Analise de Risco. By R. M. Lima, T. Oliveira (Eds). Manaus, AM 12-15 Aug. 2014
pg 21-22.Editing on 2015.

<http://ainfo.cnptia.embrapa.br/digital/bitstream/item/116796/1/Anais-Conferencia-Internacional.pdf>

6.3.62 Toulas, L. T., **Kitsos, C. P.** (2015). Entropy and Information Extensions through The Generalized Normal Distribution.
In: ASMADA 2015, 16th Applied Stochastic Models and Data Analysis International Conference, 30th June – 4th July 2015, University of Piraeus, Greece, Abstracts pg 162-163.

6.3.63 Kitsos, C. P. (2015). Adopting Statistical Models for Cancer Medical Problems.
In: International Conference on Research in Health Care, June 5-7, 2015, Children's Hospital "Agia Sophia", Athens, Greece.

6.3.64 Hlaskova-Schindler, K. **Kitsos, C. P.** (2015). Causality, Statistics and Information Theory.
In: WSMC9 (9th Workshop on Statistics Mathematics and Computation, Dec 14-15, 2015, Palacio Ceia- Lisbon, Universidade Aberta, pg 38.

6.3.65 Kitsos, C. P. , Toulas, T. L.(2015). Generalized Normal Distribution and the Consequent Results.
In: WSMC9 (9th Workshop on Statistics Mathematics and Computation, Dec 14-15, 2015, Palacio Ceia- Lisbon, Universidade Aberta, pg 17.

6.3.66 **Kitsos, C. P.** (2017). Statistical Models for Cancer : A Brest Cancer Analysis.
In: ICRA7 (International Conference Risk Analysis), May 3-5, 2017, Chicago, Illinois, Abstracts p20.

6.3.67 Kitsos, C. P. (2017). Adopting Mixture Techniques for Medical Complex.
In: The 10th Mathematical and Statistical Modeling of Complex Systems Workshop.
Northeastern Illinois University, May, 5-7, 2017.

6.3.68 Kitsos, C. P. (1993). An Algorithm for constructing the best Predictive Model
In : SOFTSTAT '93 (Advances in Statistical Software 4), March 14-18, 1993,
Heidelberg. Abstracts (Kurzfassungen) pg 56.

6.3.69 Kitsos, C. P. (2005). Inside to the Knowledge Based Economy: Looking for the
Effects of Innovation and Entrepreneurship Activities on Regional Growth.
In :The Management Conference 2005, 19-25 July 2005, Rhodes, Greece pg 101-102.

6.3.70 Kitsos, C. P. (2014). On the Linear Calibration Problem.
In : 8WSMC (8th Workshop Statistics Mathematics Computing), Keynote Speaker
Conference devoted to Christos Kitsos, 12-15 March 2014,
pg18-19, Praia-Santiago Island, Cabo Verde.

6.3.71 Kitsos, C. P. , Toulas, T. T. (2018). Adopting Tolerance Interval in Environmental
Economics.
In : 5th Conference “Economics of Natural Resources & the Environment”. Abstracts,
1-3 Nov 2018, U. of Thessaly, Volos, Greece.

<http://envecon.econ.uth.gr/main/>

6.3.72 Kitsos, C. P. (2018). Adopting Mathematical Aspects and Computational Techniques
To Optimal Experimental Design Theory. KEYNOTE SPEAKER
In : WSMC2018, 9-10 Nov. 2018, Convilha, Portugal

<https://conferencesstat.wixsite.com/wsmc12>

6.3.73 Iliopoulou, P., Kitsos, C. (2021). Kriging Analysis for Atmosphere Pollutants and
House Prices : The case of Athens.
In: ENVECOM 6, Abstracts Book, pg 61.

http://envecon.econ.uth.gr/main/eng/images/6th_conference/BOOK_OF_ABSTRACTS_ENVECON_6th_FINAL.pdf

6.3.74 Kitsos, C., Nisiotis, C-S. (2021). The future response of the pollutant adopting
Tolerance Regions under different coding systems.
In: ENVECOM 6, June 11-12, 2021, Abstracts Book, pg 63.

http://envecon.econ.uth.gr/main/eng/images/6th_conference/BOOK_OF_ABSTRACTS_ENVECON_6th_FINAL.pdf

6.3.75 Kitsos, P. C. (2021). Risk Analysis for Underground Waters.
In 2d International Forum for Water, 22-23 Sep 2021, Iraklion, Crete

6.3.76 Kitsos, P. C., Trandafir, P. C. (2022). Hazard Function of $N(\mu, \sigma^2; \gamma)$ Distribution for Environmental Pollutants.
In : ENVECON 7, 2-3 Dec 2022, , Dept of Public and Community Health Athens, Book of Abstracts, Session 2.

6.3.77 Kitsos, P. C., Nisiotis, C.S. (2022). Statistical and Probability Models for Environmental Risk Analysis.
In : ENVECON 7, 2-3 Dec 2022, , Dept of Public and Community Health Athens, Book of Abstracts, Session 2.

6.3.78 Trandafir, P. C. , Kitsos, C. P. (2023). Applying LSI to Probability and Statistics.
Invited Session, Greek Statistical and International Conference. Book of Abstract.

6.3.79 Kitsos, C. P. , Stamatiou, S. I. (2024). Information Measures for the γ -order Generalized Normal.
In: 2d Greek Statistical and International Conference, 16-19 May 2024, Kozani. Greece. Book of Abstracts.

6.3.80 Kitsos, C. P. , Nyamsi, U. E. (2024). Simulation Study for the family of Generalized Normal $N_\gamma(\mu, \sigma^2)$.
In: 2d Greek Statistical and International Conference, 16-19 May 2024, Kozani. Greece. Book of Abstracts

6.3.81 Kitsos, C. P. , Nyamsi, U. E. (2024). Applying the Generalized Normal distribution for Modelling Asset Returns Data.
In: The Fifth International Congress of Applied Statistics (UYIK-2024), Istanbul 21-23 May 2024. Turkey. Abstract.

6.3.82 Kitsos, C. P. (2024). Risk Analysis for Water Resources.
In : 3d International Forum on Water, May 16-17, Athens. Greece

6.3.83 Kitsos, C. P. and Stamatiou. I. S.(2025). Hazard functions for the gamma-order Generalized Distributions. In : International Conference on Risk Analysis, 22-24 September 2025

6.3.84 Kitsos, C. P. (2025). Extending and Strengthening the Risk Analysis framework with ICRA.
In : International Conference on Risk Analysis (ICRA10) University of Patras , 22-24 Sep 2025

6.3.85 Kitsos, C. P. and Stamatiou, S. I. (2025), On the family of the gamma-order Distributions with applications to Physics.
In : Statistical Modeling with Applications (StatMod2025) 26-28 September, Uni. of Pereaus, in honour of Prof Koutras, 2025

6.4 Abstracts for Greek Conferences proceedings +projects : 45
Review of Papers, Organizing Committees of Conference etc
Upon request.

- Citations more than 1210 (Feb 2026 Research Gate)

6.5 Technical reports

6.5.1 Kitsos, C. P., Muller, Ch. (1995), Robust Estimation of Non-Linear Aspects.
 Free University of Berlin, Technical report No A-8-95.

6.5.2 Kitsos, C. P., Muller, Ch. (1995), Robust Linear Calibration.
 Free University of Berlin, Technical report No A-8-95.

6.5.3 Kitsos, C. P. (2001). Choosing the Best Predictive Model.
 University of Thessaly, Department of Economics (No 3).

6.5.4 Halkos, G., Kitsos, C. P. (2006). Exploring Greek Innovation activities :
 The adoption of Generalized Linear Models.
 University of Thessaly, Department of Economics (06- 01).

6.5.5 Kitsos, C. P. , Tavoularis, N. (2007). Logarithmic Sobolev Inequalities
 And the Information Theory.
 Technological Educational Institute, Department of Mathematics (104-07).

6.6.6 Kitsos, C. P., Kolovos, K. (2009). Optimal Experimental Designs
 for calibrating the pH-meters.
 Technological Educational Institute, Department of Mathematics (102-09).

6.6 Publications for Greek projects

I have participated to a number of projects and as an author to the research Report – outcome of the project. More information can be provided upon request.

6.7 Greek Books

Bellow are the titles of the Greek books I have published.
 These books were mainly helpful text-books for the courses I offered,
 And they was provided to Greek students, through the Greek Ministry of Education
 (the system in Greece is that the Government buys for the students the text books)

6.7.1 *Introduction to Applied Statistics (1991)*

6.7.2 *Topics in Applied Statistics (1992)*

6.7.3 *Statistical Analysis of Experiment Design (1994)*

6.7.4
Computational Statistics (1996)

6.7.5 *Technological Mathematics and Statistics II (2002)*

6.7.6 *Management and Statistical Quality Control (2003)*

6.7.7 *Technological Mathematics and Statistics I (2009)*

6.7.7 **Greek Monograph (through a research program)**

On the contribution of the women in Greece to the innovation procedures In Greek firms for the years 200-2003

By **Kitsos, C. P.**, Korres. G., Halkos, G., Hatzidema, S., Hatzikian, Y.

6.7.8 **Editor of 13 volumes of Proceedings for conferences in Stat**
which took place in Greece

6.7.9 Editor Journal of Regional Socio-Economic Issues <http://jrsei.yolasite.com>;

6.7.10 Editor in Chief of: Journal Epistemes Metron Logos, started on Dec 2018
<https://ejournals.epublishing.ekt.gr/index.php/episteme>

6.8 *International Publications*

6.8.1 **Coeditor in Physica - Verlag /Contribution to Statistics :**

MODA4 - Advances in Model - Oriented Data Analysis

By **Christos P. Kitsos** **Werner G. Muller** on 1995

Proceedings of the Conference Model Oriented Data Analysis, which took place at the island of Spetses, 5 - 9 June 1995. The volume includes 30 papers in its 297 pages.

6.8.2 Coeditor in Physica - Verlag / Contribution to Statistics :

Industrial Statistics: Aims and Computational Aspects

By Christos P. Kitsos
Lutz Edler at 1998

Proceedings of the satellite of the 51th Conference of the ISI (Instabul, August 1997). The meeting took place in Athens 16 - 17 Aug. 1997. There 25 papers in the 302 pages.

6.8.3 Coeditor to:

**Lecture Notes from the 5th IASC Summer School
On: 3d Millennium Challenge for Industrial Statistics (2000)**

By Carlo Lauro, Jaromir Antoch, Vincenzo Esposito,
Christos P. Kitsos

This is a e- book which has been published under the ISI (International Statistical Institute) and the IASC (International Association of Statistical Computing). This book is the proceedings of the 1999 Summer School of the IASC, which took place at Spetses, GR Aug 21- Sep 4, 1999.

6.8.4 Coeditor at:

Quantitative Methods for Cancer and Human Health Risk Assessment

by Lutz Edler and **Christos Kitsos** (Eds). Wiley.

This edition contains the back bone of the Mathematical and Statistical Theories and Techniques applying to the Cancer Problems from the ICCRA3 (3d International Conference of Cancer Research).

Monographs

(1) Optimal Calibration Procedures for Calibrating the pH meters

By **Kitsos, C. P**, Kolovos, K.G (2010).

LAMPERT Academic Publishing

(2) Cancer Bioassays: A Statistical Approach

By Kitsos, C. P. (2012).

LAMPERT Academic Publishing

- Editing in the

Biometrie und Medizinische Informatik Greifswalder Seminarberichte,
Volume 15 (Heft 15) July 2009

Cancer Risk Assessment
Selected Papers from ICCRA3

By **Christos P. Kitsos**, Alexandros, G. Rigas, Karl-Ernst Bieber (Eds).

(3) Optimal Experimental Design for Non-Linear Models

By **Christos P. Kitsos** (2013)

SPRINGEL

<http://www.springer.com/statistics/book/978-3-642-45286-4?otherVersion=978-3-642-45287-1>

6.8.5 In Springer Proceedings in Mathematics and Statistics (2015)**Theory and Practice of Risk Assessment**

By **Christos P. Kitsos**, Teresa A. Oliveira, Alexandros Rigas, Sneha Gulati

It is the Proceedings volume of ICRA5, at Tomar, Portugal, May 30 to June 1, 2013. In 412 pages 30 papers are cited, devoted to 2 parts: Part I Risk Methods for Bioinformatics, Part II Risk Method for Management and Industry.

<http://www.springer.com/statistics/book/978-3-642-45286-4?otherVersion=978-3-642-45287-1>

6.8.6 BOOK ADVISOR, through National Technical University

<http://repository.kallipos.gr/handle/11419/2059>

6.8.7 Guest Editor , REVSTAT Statistical Journal**Christos P. Kitsos**, Teresa A. Oliveira, Milan Stehlik (2016)

Special Issue on

Risk Analysis : Challenges and Applications

Vol 14, No2, April 2016

<https://www.ine.pt/revstat/tables.html>. www.ine.pt/REVSTAT**6.8.8 In : Springer Contribution to Statistics (2018)****Recent Studies on Risk Analysis and Statistical Modeling**By Teresa A. Oliveira , **Christos P. Kitsos**, Amilcar Oliveira, Luis Grilo<https://www.dropbox.com/sh/qbzg3tih7vedo0d/AACwroQgkRj-ZWLWJgub0I2Ha?dl=0>**6.8.9 Springer, Selected Contributions from ICRA8, Vienna 2019 (2022)****Mindful Topics on Risk Analysis and Design of Experiments****By Pilz, M., Oliveira, T., Moder, K., Kitsos, C.****6.8.10 Kitsos, C. P, (2021). The Geometry of Greeks.**

The book covers the initiation and the development of Geometry and Science in Greece from 600BC to 1830AD. (in Greek)
New Tech Pub. Co.

6.8.11 Kitsos, C. P. (2025). The Geometry of Greeks – the Dawn of Science

This book records and analyze the initiation and development of the Greek Geometric research innovations of the Greeks of that time, in Greece of that time: Ionia, Aegean, Athens, Syracuse, Alexandria, etc. Moreover explains how Geometry was connected to the emerging science, in Astronomy, Mechanics, Geography, Technology, and even Philosophy, from 600 BC to 600 AD. The knowledge was the basis for the great mathematicians of the 18th and 19th centuries, for the development of some new ideas in Mathematics..

LAP LAMBERT Academic Publishing

8. Administrative

- Head of the Dept of Math at Technological Educational Institute, TEI-A(2005- 2010)
- Institutional Coordinator of the research project ARCHIMEDES TEI-A, includes 32 projects. (2005-2008)
- Scientific Coordinator of the Liaison Office TEI-A (2004 - 2008)
- Scientific Coordinator of the Young Entrepreneurship TEI-A (5-9/2009)
- Elected Council member at IASC (1998-2001)
- Elected Council Member of the Greek Statistical Institute (2012 -)
- Chair, ISI Committee on Risk Analysis (Nov 1st 2013 – Feb 2015)
- Candidate for the Greek Parliament in 2012 elections
- Representative to Eurostat and OECD (INES program) of the Greek Ministry of Education from 1997 to 2000. District Governor of 2470 District for Rotary International.
- District Governor of 2470 District for Rotary International (2017-18)
- Running for Council Member of the Municipality of Marousi.
- Vice President of Hatzikosta Foundation (2023-2025)

He also organized international conferences, MODA, ICRA's, WSMC session in ISI, served as chairman etc Examples:

<https://sites.google.com/site/2013icra5/> [https://sites.google.com/site/wsmc2014cv/](https://sites.google.com/site/wsmc2014cv/symposia.uoc.edu/icra6)
[symposia.uoc.edu/icra6](https://sites.google.com/site/wsmc2014cv/symposia.uoc.edu/icra6)

Recently:

Executive Committee (**Christos Kitsos**, M. Ivette Gomes, Stanislaw Mesja, Teresa Oliveira) of WSMC12 (12th Workshop on Stat. Math. And Computation), στο Univ. of Beira Interior, Covilha, Portugal, 9-10 Nov. 2018. <https://conferencesstat.wixsite.com/wsmc12>

Executive Committee (**Christos Kitsos**, Dieter Rash, Teresa Oliveira) of ICRA8 (8th International Conference in Risk Analysis), at Univ. of Natural Resources and Life Sciences, Vienna, Austria , On 23-26 April 2019. <https://icr8.boku.ac.at/>

NATO Scholarship (for my PhD Studies) and for 18 years for a Committee on Cancer problems

9. Scientific Societies

- **Greek Statistical Institute** : Council Member [2012-2014, General Secretary (Feb 2014, Feb 2016), Editor Newsletter (2012-2015)]
- **ISI Committee on Risk Analysis** : ex. Chair
<http://www.isi-web.org/sections/44-com/com/126-ra>
- **IASC Committee Member**
- **Greek Mathematical Society** (1971-2016)

- **Associate Editor for Research in Statistics (2022 -)**

<https://www.tandfonline.com/action/journalInformation?show=editorialBoard&journalCode=urst20>

-

Christos P. Kitsos