

## *Crescenza Calculli - Curriculum vitae*

*last update: October 2022*

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### **Current status**

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#### **July 2022 -**

*Assistant professor* (RTD-B) in Statistics (SECS-S/01) at Department of Economics and Finance, University of Bari Aldo Moro

#### **November 2020 -**

*National Scientific Qualification* as Associate Professor for the academic recruitment fields 13/D1 - Statistics

### **Past positions**

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#### **December 2020 - July 2022**

*Research fellow* (RTD-A) in Statistics (SECS-S/01) at Department of Economics and Finance, University of Bari Aldo Moro. Project title "Diffusione e caratterizzazione dei rifiuti marini in Puglia. Analisi statistica e valutazione degli impatti economici, sociali e ambientali sul sistema Regione" (in realizzazione del Programma Regionale "Research for Innovation REFIN" POR PUGLIA FESR-FSE 2014/2020). Supervisor Prof. A. Pollice

#### **March 2020 - December 2022**

Permanent position as Statistician at the Regional Agency for the Healthcare and the Welfare - AReSS Puglia, Italy (currently time off work)

#### **March 2018 - February 2020**

Post-Doc Research fellowship in Statistics (SECS-S/01) as part of the project EphaStat (PRIN 2015). Research activity: "Environmental processes and human activities: capturing their interactions via statistical methods", University of Bari, Aldo Moro, supervisor Prof. A. Pollice

#### **September 2017 - February 2018**

Fixed-term position as Statistician at Department of Biology, University of Bari Aldo Moro. Research activity: "Data analysis of marine biological resources with statistical software"

#### **June 2017 - July 2017**

Fixed-term position as Statistician at the CoNISMa Consortium - LRU Department of Biology, University of Bari Aldo Moro for the research activity named: "Statistical data analysis of the megafauna in deep marine environment (RITMARE project)"

### **February 2017 - June 2017**

Postgraduate fellowship at the CoNISMa Consortium - LRU Department of Biology, University of Bari Aldo Moro for the research activity of MARINE STRATEGY II NAZIONALE project

### **October 2015 - February 2017**

Postgraduate fellowship at Department of Economics, University of Foggia, Italy. Research activity: "Collection and analysis of data for the quality assurance of university teaching through multidimensional statistical models and identification of a dashboard of indicators for continuous quality monitoring of teaching " (program 2013-2015)

### **September 2014 - July 2015**

Fixed-term position as Statistician at the CoNISMa Consortium - LRU Department of Biology, University of Bari Aldo Moro for the research activity named: "Evaluation of spatial and temporal variations of densities e population parameters of marine organisms deep (CoCoNet Project)"

### **January 2014 - July 2014**

Postgraduate Master fellowship at The National Institute for Nuclear Physics (INFN - BARI, Italy). Research activity named: "Spatio-temporal modelling for the analysis of air pollution and environmental issues"

### **April 2010 - March 2012**

Post-Doc Research fellowship in Statistics (SECS-S/01) at Department of Statistics Carlo Cecchi, University of Bari, Aldo Moro. Project name: "Statistical models for the evaluation of the effects of atmospheric pollution on people's health"

## **Education**

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*University Postgraduate Master* (Master universitario di II livello) in "Development and management of data centers for high performance scientific computing", Department of Physics, University of Bari, Aldo Moro, 2013. Dissertation title: "Multivariate hierarchical models for mapping regional air quality data using the ReCaS INFN high performance grid computing infrastructure" (in Italian), supervisor Prof. A. Pollice

*Ph.D. in Statistics* at University of Bari Aldo Moro, 2008-2010. Dissertation title: "Spatial variation of multiple diseases in relation to an environmental risk source" (in Italian), supervisor Prof. A. Pollice

*University Postgraduate Master* (Master universitario di I livello) in Quantitative Methods and Computer Science for Economic Decisions, Department of Mathematics, University of Bari, Aldo Moro, 2005

*MSc in Statistics and Economics*, University of Bari Aldo Moro, 2003

## **Teaching**

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### **Bachelor's Degree Programs**

A.Y. 2021/2022 - A.Y. 2021/2022

*Lecturer* of the course LABORATORIO DI INFERENZA (3 CFU, SECS-S/01) as part of the course INFERENZA STATISTICA E MODELLI LINEARI (*Principal lecturer* Prof.ssa N. Ribecco), in Statistics and Economics, Department of Economics and Finance, University of Bari Aldo Moro

### **Master's Degree Programs**

A.Y. 2021/2022

Lecturer of the course LABORATORIO DI ANALISI DEI DATI CON R (6 CFU, SECS-S/01), in the *Statistics and Methods for Economics and Finance* program of the Department of Economics and Finance, University of Bari Aldo Moro

A.Y. 2018/2019 - A.Y. 2017/2018

Lecturer of the course ANALISI E GESTIONE DEL RISCHIO (6 CFU, SECS-S/01), in the *Cybersecurity* program of the Department of Computer Science, University of Bari Aldo Moro

### **Post-graduate Programs**

From A.Y. 2017/2018 to A.Y. 2021/2022

Lecturer (with Prof. A. Pollice) for units "Correlazione e regressione" and "Analisi longitudinali", in *Statistica, Ricerca Biomedica e Salute* (StaRBiS, I-V ed.) Short Master, Department of Economics and Finance, University of Bari Aldo Moro

### **Other Programs**

From A.Y. 2010/2011 to A.Y. 2010/2011

Instructor for the "PNLS - Statistica" (Piano Nazionale per le lauree scientifiche) course dedicated to high school students at Department of Economics and Finance, University of Bari Aldo Moro

### **Scientific Societies membership and editorial activities**

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From 01/05/2017 -

Ordinary member of the International Environmetrics Society (TIES, ISI Section)

From 01/04/2019 -

Ordinary member of the Italian Statistical Society (SIS)

From 01/06/2015 -

Member of GRASPA-SIS, research group for statistical applications to environmental problems, permanent working group of the Italian Statistical Society

Referee for the following journals: *Ecological Indicators* (Elsevier), *Environmetrics* (Wiley)

### **Research grants**

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**2022 -**

Member of the research group for the project RESTART: RESources of TARanTo seas - Utilizzo delle risorse del mare per il risanamento degli ecosistemi marini e lo sviluppo di bioeconomia circolare - Bando UNIBA, Horizon Europe Seeds

**2020 -**

Member of project PROGETTO NAZIONALE LAUREE SCIENTIFICHE - STATISTICA (Coordinator Prof.ssa N. Ribecco) funded by Ministero dell'Istruzione, dell'Università e della Ricerca (MIUR)

**2018 - 2020**

Member of the research unit for the National Interest Research Program PRIN 2015, Environmental processes and human activities: capturing their interactions via statistical methods (EPHASTAT) <https://sites.google.com/site/ephastat/>

**2012 - 2013**

Member of the research group for the project STRUMENTI ED APPLICAZIONI DELLE METODOLOGIE STATISTICHE PER LO STUDIO DELL'AMBIENTE E DELLA SALUTE PUBBLICA E PER LA CONOSCENZA DEL TERRITORIO, local funds by Università degli Studi di Bari Aldo Moro

## 2010 - 2011

Member of the research group for the project AMBIENTE E TERRITORIO: ASPETTI METODOLOGICI E STATISTICI DELL'ANALISI DEI DATI QUANTITATIVI, local funds by Università degli Studi di Bari Aldo Moro (PI Prof. A. Pollice)

### Organizational activities in scientific conferences

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Co-organizer and chairman of the invited session "Models and indicators for ecological processes" at "GRASPA2019" - GRASPA-SIS Biennial Conference, European regional meeting of the International Environmetrics Society, Pescara, Italy, 15-16 July 2019

Member of the Local organizing committee of "EPHASTAT Project - 2018 Intermediate Meeting", Department of Economics and Finance, University of Bari Aldo Moro, Bari, Italy, 6-7 September 2018

Member of Local organizing committee of "GRASPA 2015", GRASPA-SIS Biennial Conference, TIES European Regional Meeting, University of Bari Aldo Moro, Italy, 15-16 June 2015

### Recent conference talks

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- 2022 Invited talk "An overdispersed Poisson model for forest fires occurrences in Southern Italian municipalities" (with S. Arima). SIS2022 - 51st Scientific meeting of the Italian Statistical Society, June 22-24, 2022, University of Campania Luigi Vanvitelli, Caserta, Italy
- 2021 Invited talk "Bayesian small area models for investigating spatial heterogeneity and factors affecting the amount of solid waste in Italy" (with S. Arima). SIS2021 - 50st Scientific meeting of the Italian Statistical Society (remote conference), June 21-25, 2021, University of Pisa, Pisa, Italy
- 2021 Invited talk "A Bayesian joint model for exploring zero-inflated bivariate marine litter data" (with S. Martino, P. Maiorano). SIS2021 - 50st Scientific meeting of the Italian Statistical Society (remote conference), June 21-25, 2021, University of Pisa, Pisa, Italy
- 2021 Invited talk "Bayesian estimation of multiple ecological abundances" (with S. Martino, P. Maiorano). GRASPA 2021 (remote conference), June 07-09, 2021, Sapienza University of Rome, Roma, Italy
- 2019 Invited Talk "A Bayesian model to combine information across spatial/temporal scales for multivariate analysis of marine litter". Workshop on *Spatio-temporal modeling of ecological data*, January 22-23, 2019, University of Bergamo, Italy
- 2018 Contributed talk "Bayesian latent response models for multivariate marine litter monitoring data". EPHASTAT Project Intermediate Meeting, September 06-07, 2018, Department of Economics and Finance, University of Bari Aldo Moro, Italy
- 2018 Solicited talk "Estimation of coral growth parameters via Bayesian hierarchical non-linear models". SIS2018 - 49th Scientific Meeting of the Italian Statistical Society, June 20-22, 2018, University of Palermo, Palermo, Italy
- 2017 Invited Talk "Modelling Fish Fauna Assemblages To Detect Factors Affecting Differences Between Coral and Non Coral Habitats". TIES-GRASPA 2017 - Conference on Climate and Environment, July 24-26, 2017, University of Bergamo, Bergamo, Italy
- 2017 Contributed talk "Statistical models for environmental phenomena (EPHASTAT)". Workshop on Statistical models for environmental phenomena (EPHASTAT), March 30-31, 2017, Department of Statistical Sciences, University of Bologna, Bologna, Italy
- 2017 Short talk poster session "Bayesian modeling for the characterization of fish fauna assemblages in a newly recorded cold-water coral site in the Mediterranean sea". Workshop organized by SIS-Bayes group of the Italian Statistical Society, February 07-08, 2017, Sapienza, University of Roma, Roma, Italy

- 2016 Contributed talk "Corals growth parameter estimation via hierarchical non-linear mixed effects models". International Workshop on Statistical inference for assessing and monitoring natural resources, November 10-11, 2016, University of Siena, Siena, Italy
- 2016 Solicited talk "Modeling multi-site individual corals growth". SIS2016 - 48th scientific meeting of the Italian Statistical Society, June 08-10, 2016, University of Salerno, Fisciano (SA), Italy

## Publications

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### - Peer-reviewed articles

1. Maiorano P, Ricci P, Chimienti G, **Calculli C**, Mastrototaro F and D'Onghia G (2022) Deep-water species assemblages on the trawlable bottoms of the Central Mediterranean: Changes or not over time? *Frontiers in Marine Science*, 9, 1007671, <https://doi.org/doi:10.3389/fmars.2022.1007671>
2. Lamonaca E, Cafarelli B, **Calculli C**, Tricase C (2022) Consumer perception of attributes of organic food in Italy: A CUB model study. *Helyion*, 8(3), e09007, <https://doi.org/10.1016/j.heliyon.2022.e09007>
3. Maiorano P, Capezzuto F, Carluccio A, **Calculli C**, Cipriano G, Carlucci R, Ricci P, Sion L, Tursi A, D'Onghia G (2022) Food from the Depths of the Mediterranean: The Role of Habitats, Changes in the Sea Bottom Temperature and Fishing Pressure. *Foods* 2022, 11, 1420, <https://doi.org/10.3390/foods11101420>
4. **Calculli C**, D'Uggento AM, Labarile A, Ribecco N (2021) Evaluating people's awareness about climate changes and environmental issues: A case study. *Journal of Cleaner Production*, Volume 324, 2021, 129244, ISSN 0959-6526, <https://doi.org/10.1016/j.jclepro.2021.129244>
5. Capezzuto F, Ancona F, **Calculli C**, Carlucci R, Sion L, Maiorano P, D'Onghia G (2021) Comparison of trophic spectrum in the blackspot seabream, *Pagellus bogaraveo* (Brünnich, 1768), between cold-water coral habitats and muddy bottoms in the central Mediterranean. *Deep Sea Research Part I: Oceanographic Research Papers*, 103474, ISSN 0967-0637, <https://doi.org/10.1016/j.dsr.2021.103474>
6. Capezzuto F, Ancona F, **Calculli C**, Sion L, Maiorano P, D'Onghia G (2020) Feeding of the deep-water fish *Helicolenus dactylopterus* (Delaroche, 1809) in different habitats: from muddy bottoms to cold-water coral habitats. *Deep Sea Research Part I: Oceanographic Research Papers*, volume 159, 103252, ISSN 0967-0637, <https://doi.org/10.1016/j.dsr.2020.103252>
7. Sion L, Zupa W, **Calculli C**, Garofalo G, Hidalgo M, Jadaud A, Lefkaditou E, Ligas A, Peristeraki P, Bitetto I, Capezzuto F, Carlucci R, Esteban A, Follesa C, Guijarro B, Ikica Z, Isajlovic I, Lembo G., Manfredi C, Pérez J L, Porcu C, Thasitis I, Tserpes G, Carbonara P (2019). Spatial distribution pattern of European hake, *Merluccius merluccius* (Pisces: Merlucciidae), in the Mediterranean Sea. *SCIENTIA MARINA*, 83S1: 000-000, <https://doi.org/10.3989/scimar.04988.12A>
8. Capezzuto F, **Calculli C**, Carlucci R, Carluccio A, Maiorano P, Pollice A, Sion L, Tursi A, D'Onghia G (2019). Revealing the coral habitat effect on benthopelagic fauna diversity in the Santa Maria di Leuca cold-water coral province using different devices and Bayesian hierarchical modelling. *AQUATIC CONSERVATION: MARINE AND FRESHWATER ECOSYSTEMS*, 29, pp. 1608 - 1622, <https://doi.org/10.1002/aqc.3144>
9. Cafarelli B, **Calculli C**, Cocchi D (2019). Bayesian hierarchical nonlinear models for estimating coral growth parameters. *Environmetrics*, 30(5), pp., <https://doi.org/10.1002/env.2559>
10. Sion L, **Calculli C**, Capezzuto F, Carlucci R, Carluccio A, Cornacchia L, Maiorano P, Pollice A, Ricci P, Tursi A, D'Onghia G (2018) Does the Bari Canyon (Central Mediterranean) influence the fish distribution and abundance? *PROGRESS IN OCEANOGRAPHY*, 170, p. 81-92, ISSN 0079-6611, [doi: 10.1016/j.pocean.2018.10.015](https://doi.org/10.1016/j.pocean.2018.10.015)
11. Noviello M, Cafarelli B, **Calculli C**, Sarris A, Mairota P (2018) Investigating the distribution of archaeological sites: Multiparametric vs probability models and potentials for remote sensing data. *Applied Geography*, 95, p. 34-44. <https://doi.org/10.1016/j.apgeog.2018.04.005>

12. D'Onghia G, Calculli C, Capezzuto F, Carlucci R, Carluccio A, Grehan A, Indennidate A, Maiorano P, Mastrototaro, F, Pollice A, Russo T, Savini A, Sion L, Tursi A (2017). Anthropogenic impact in the Santa Maria di Leuca cold-water coral province (Mediterranean Sea): observations and conservation straits. DEEP-SEA RESEARCH. PART 2. TOPICAL STUDIES IN OCEANOGRAPHY, 145, p. 87-101. ISSN 0967-0645. <https://doi.org/10.1016/j.dsr2.2016.02.012>
13. Cafarelli B, **Calculli C**, Cocchi D, Pignotti E (2017). Hierarchical non-linear mixed-effects models for estimating growth parameters of western Mediterranean solitary coral populations. Ecological Modelling, 346, p. 1-9. <https://dx.doi.org/10.1016/j.ecolmodel.2016.12.015>
14. D'Onghia G, **Calculli C**, Capezzuto F, Carlucci R, Carluccio A, Maiorano P, Pollice A, Ricci P, Sion L, Tursi A (2016). New records of cold-water coral sites and fish fauna characterization of a potential network existing in the Mediterranean Sea. Marine Ecology, 37(6), p.1398-1422. <https://doi.org/10.1111/maec.12356>
15. Boero F, Fogliani F, Fraschetti S, Goriup P, Macpherson E, Planes S, Soukissian T, CoCoNet Consortium (**C Calculli** for CONISMA partner) (2016) CoCoNet: TOWARDS COAST TO COAST NETWORKS OF MARINE PROTECTED AREAS (FROM THE SHORE TO THE HIGH AND DEEP SEA), COUPLED WITH SEA-BASED WIND ENERGY POTENTIAL. SCientific RESearch and Information Technology, vol. 6 Supplement, p. 1-95, ISSN: 2239-4303, <https://doi.org/10.2423/i22394303v6SpI>
16. **Calculli C**, Fassò A, Finazzi F, Pollice A, Turnone A (2015). Maximum likelihood estimation of the multivariate hidden dynamic geostatistical model with application to air quality in Apulia, Italy. Environmetrics, 26(6), p. 406-417. <https://doi.org/10.1002/env.2345>
17. C. Calculli, A. Fassò, F. Finazzi, A. Pollice, A. Turnone (2014). Multivariate hidden dynamic geostatistical model for analysing and mapping air quality data in Apulia, Italy. Working papers GRASPA, 48. ISSN: 2037-7738. Retrieved from <http://hdl.handle.net/10446/31200>
18. Arcuti S, **Calculli C**, Pollice A, D'Onghia G, Maiorano P, Tursi A (2013). Spatio Temporal modelling of zero-inflated deep-sea shrimp data by Tweedie Generalized Additive Models. Statistica, LXXIII, 1, pp. 75 - 88. ISSN 1973-2201
19. C. Calculli, S. Arcuti, M. Minerva (2012) Modeling spatio-temporal abundance data of the Ionian sea populations of two crustaceans species. Working papers GRASPA, 45. ISSN: 2037-7738. Retrieved from <http://hdl.handle.net/10446/26478>
20. **Calculli C**, Pollice A, Serinelli M (2012) Spatial Analysis of the Risk of Multiple Cancers in Relation to a Petrochemical Plant. Environmetrics, 23(2), p. 175-182, <https://doi.org/10.1002/env.1138>
21. C. Calculli, A. Pollice, L. Bisceglia (2010) Spatial Variation of Multiple Diseases in Relation to an Environmental Risk Source. GRASPA Working Paper (on-line), 38, ISSN 2037-7738. Retrieved from <http://hdl.handle.net/10446/950>
22. Bisceglia L, Giua R, Morabito A, Serinelli M, **Calculli C**, Galise I, Pollice A, Assennato G (2010) Individuazione e caratterizzazione delle sorgenti di Benzo(a)pirene nel comune di Taranto e stima del rischio cancerogeno associato all'esposizione della popolazione generale. Giornale Italiano di Medicina del Lavoro ed Ergonomia, XXXII, 4, suppl. 4, p. 142, ISSN 1592-7830
23. Addante R, Di Gioia S, **Calculli C**, Pollice A (2008) The impact of spiders (Araneae) on *Lobesia botrana* (Denis & Schiffermüller) population density. IOBC/WPRS Bulletin, 36, pp. 221 - 231, ISSN 1027-3115

- Peer-reviewed conference proceedings

1. **Calculli C**, Arima S (2022) An overdispersed Poisson model for forest fires occurrences in Southern Italian municipalities. In: A. Balzanella, M. Bini, C. Cavicchia, R. Verde (Editors). Book of the Short Papers SIS 2022, p. 802. Pearson, ISBN (xxx). <https://it.pearson.com/docenti/universita/partnership/sis.html>
2. **Calculli C**, Arima S (2021) Bayesian small area models for investigating spatial heterogeneity and factors affecting the amount of solid waste in Italy. In: C. Perna, N. Salvati, F. Schirippa Spagnolo (Editors). Book of Short Papers SIS 2021, p. 29. Pearson, ISBN 9788891927361. <https://it.pearson.com/docenti/universita/partnership/sis.html>
3. Martino S, **Calculli C**, Maiorano P (2021) A Bayesian joint model for exploring zero-inflated bivariate marine litter data. In: C. Perna, N. Salvati, F. Schirippa Spagnolo (Editors). Book of Short Papers SIS 2021, p. 23. Pearson, ISBN 9788891927361. <https://it.pearson.com/docenti/universita/partnership/sis.html>

4. **Calculi C**, Martino S, Maiorano P (2021). Bayesian estimation of multiple ecological abundances. In: Jona Lasinio G and Lagona F (Editors) Proceedings of the GRASPA 2021 Conference Rome, 07-09 June 2021. GRASPA Working Papers, p. 29. ISBN:979-12-200-8496-3. [http://meetings3.sis-statistica.org/public/conferences/16/schedConfs/16/program-en\\_US.pdf](http://meetings3.sis-statistica.org/public/conferences/16/schedConfs/16/program-en_US.pdf)
5. **Calculi C**, Pollice A, Paradinas I, Sion L, Maiorano P(2019). An INLA spatio-temporal model for zero-inflated marine plastic litter abundance. In: M. Cameletti, L. Ippoliti, A. Pollice (Editors) Proceedings of the GRASPA 2019 Conference, Pescara, 15-16 July 2019, pp 62-65. ISBN:978-88-97413-34-9. <https://aisberg.unibg.it/handle/10446/146842?mode=full.5485#.XcKwZehKg2w>
6. **Calculi C**, Pollice A, Guglielmi MV, Maiorano P (2019) Bayesian mixed latent factor model for multi-response marine litter data with multi-source auxiliary information. In: G. Arbia, S. Peluso, A. Pini and G. Rivellini (Editors). Smart statistics for smart applications. Book of Short Papers SIS 2019: 1153–1158. Pearson, Giugno 2019, ISBN-9788891915108. <http://meetings3.sis-statistica.org/index.php/SIS2019/index/pages/view/book>
7. **Calculi C**, Pollice A, Maiorano P, Sion L (2018) Multivariate analysis of marine litter abundance through Bayesian space-time models. In: A. Abbruzzo, E. Brentari, M. Chiodi and D. Piacentino (Editors). Book of Short Papers SIS 2018 - 49th Scientific Meeting of the Italian Statistical Society, Palermo, Italy, 20-22 June 2018. Pearson, ISBN-9788891910233. <http://meetings3.sis-statistica.org/index.php/sis2018/49th/paper/view/1431>
8. **Calculi C**, Cafarelli B, Cocchi D (2018) Estimation of coral growth parameters via Bayesian hierarchical non-linear models. In: A. Abbruzzo, E. Brentari, M. Chiodi and D. Piacentino (Editors). Book of Short Papers SIS 2018 - 49th Scientific Meeting of the Italian Statistical Society, Palermo, Italy, 20-22 June 2018. Pearson, ISBN-9788891910233. <http://meetings3.sis-statistica.org/index.php/sis2018/49th/paper/view/1214>
9. **Calculi C**, Pollice A, D'Onghia G, Sion L (2017). Modelling Fish Fauna Assemblages To Detect Factors Affecting Differences Between Coral and Non Coral Habitats. In: M. Cameletti and F. Finazzi (Editors). Book of Abstracts of the TIES-GRASPA 2017 Conference, Bergamo, 24-26 July, 2017. Special issue of GRASPA Working Papers, ISSN 2037-7738
10. Cafarelli B, **Calculi C**, Cocchi D, Pignotti E (2016). Modeling multi-site individual corals growth. In: M. Pratesi and C. Pena (Editors). Proceedings of the 48th scientific meeting of the Italian Statistical Society, Università degli Studi di Salerno, Fisciano (SA) - Italy, June 8 - 10, 2016. ISBN: 9788861970618
11. **Calculi C**, D'Onghia G, Ribecco N, Maiorano P, Sion L, Tursi A (2015). Fauna characterization of a cold-water coral community network along the Apulian coasts by Bayesian mixed models. In: A. Fassò and A. Pollice (Editors). Proceedings of the GRASPA2015 Conference, Bari, 15-16 June, 2015. Special issue of GRASPA Working Papers. ISSN 2037-7738
12. **Calculi C**, Turnone A, Finazzi F, Pollice A, Fassò A (2014). Jointly modelling air quality and meteorological variables using the D-STEM software [conference presentation - intervento a convegno]. GRASPA Working Paper. ISSN 2037-7738. Retrieved from <http://hdl.handle.net/10446/31173>
13. **Calculi C**, Turnone A, Finazzi F, Pollice A (2014) Model based spatio-temporal analysis and mapping of Apulia air quality data. Proceedings of Dust 2014 - The 1st International Conference on Atmospheric Dust, Castellaneta marina (TA), June 1-6, 2014. p. 61, ISBN 978-88-7522-095-2
14. Arcuti S, **Calculi C**, Ribecco N, Pollice A, Tursi A (2013) Spatial statistical models for complex regions: the distribution of a crustacean species in the North-Western Ionian Sea. Proceeding of TIES2013 - The 23th Annual Conference of The International Environmetrics Society, a Section of the ISI, Anchorage, Alaska (USA), June 10-14, 2013
15. Arcuti S, **Calculi C**, Pollice A, Ribecco N, Tursi A, D'Onghia G, Minerva MT, Maiorano P (2012) Analysis of environmental/anthropogenic effects on the spatio-temporal distribution of population parameters in deep-sea shrimps from the North-Western Ionian Sea by Generalized Additive Models. Atti del Convegno: XXXII Congresso della Società Italiana di Ecologia - S.It.E., Ecologia e Gestione Ambientale, Alessandria, 10-13 Settembre 2012
16. Loverre P, Addante R, **Calculi C** (2011). Influence of different olive grove management on spider diversity. Spatial2. Spatial Data Methods for Environmental and Ecological Processes. Foggia/Baia delle Zagare (FG), 1-2 settembre 2011, ISBN: 978-88-96025-12-3
17. D'Onghia G, Maiorano P, Carlucci R, Tursi A, Pollice A, Ribecco N, **Calculi C**, Arcuti S (2011). The deep-water rose shrimp in the Ionian Sea: a spatio-temporal analysis of zero-inflated abundance data.

Spatial2. Spatial data methods for Environmental and Ecological Processes. Foggia/Baia delle Zagara, 1-2 settembre 2011, ISBN: 978-88-96025-12-3

18. G. Fabio, A. Mangione, A. D'Ippolito, C. Calculli, M.P. Sacco (2011) Il cambiamento del terapeuta: una risorsa o un limite. Una ricerca nella Scuola di Specializzazione in Psichiatria dell'Università di Bari. PSICHIATRIA 2011: Vulnerabilità, esordi, intervento precoce. XV Congresso della Società Italiana di Psicopatologia, Roma, 15-19, febbraio 2011, sezione poster (P226). <http://www.psychiatryonline.it/node/1993>
19. **Calculli C**, Pollice A (2009) Joint incidence of various diseases in the presence of a risk source. Proceeding of TIES 2009 - The 20th Annual Conference of The International Environmetrics Society, a Section of the ISI and GRASPA Conference 2009, Bologna, 5-9 luglio 2009, p.26

- Contributions (in volume)

1. Ribecco N, Calculli C, Ligorio C (2019) Immigrazione e integrazione: un'indagine statistica in un liceo di Bari. *Metodi e Analisi Statistiche 2019* pp. 143 - 168. Dipartimento di Economia e Finanza, Università degli Studi di Bari, ISBN 978-88-6629-055-1
2. Calculli C, Serinelli M (2011) Individuazione e caratterizzazione delle sorgenti emissive tramite modello multivariato a recettori. *Annali del Dipartimento di Scienze Statistiche Carlo Cecchi, Università degli Studi di Bari, Aldo Moro, X*, pp. 89-104, ISBN: 978-88-6129-833-0
3. Calculli C, Pollice A (2008) Spatial Case-Control Study of Cancers in the Brindisi Environmental Risk Area: a Sensitivity Analysis. *Annali del Dipartimento di Scienze Statistiche Carlo Cecchi, Università degli Studi di Bari, Aldo Moro, 7*, pp. 115 - 124, ISBN-978-88-6129-333-5
4. Calculli C, Pollice A, Addante R, Di Gioia S (2007) Equazioni di stima generalizzate per l'analisi di uno studio sperimentale entomologico. *Annali del Dipartimento di Scienze Statistiche Carlo Cecchi, Università degli Studi di Bari, Aldo Moro, 6*, pp. 407 - 423, ISBN-978-88-8422-673-0

- Books

1. Ribecco N, Calculli C, D'Uggento A (2019). *Laboratorio di Statistica per l'informazione e la Conoscenza: L'esperienza PLS dopo dieci anni di attività. Collana Convergenze / Convergences*. WIP Edizioni. ISBN 978-88-8459-547-8

- Technical reports

1. Angiuli L, Andriani E, Bevere M, Bisceglia L, C. **Calculli C**, De Gennaro G, Demarinis A, Esposito LV, Galise I, Giua R, Loguercio Polosa S, Menegotto M, Morabito A, Nocioni A, Pollice A, Pastore T, Primerano R, Serinelli M, Spagnolo S, Spartera M (2010) Benzo(a)Pirene aerodisperso presso la stazione di monitoraggio della qualità dell'aria di via Machiavelli a Taranto. Attribuzione delle sorgenti emissive. Relazione tecnica preliminare (on-line: [www.arpa.puglia.it](http://www.arpa.puglia.it))

Autorizzo il trattamento dei dati personali presenti nel cv ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 "Codice in materia di protezione dei dati personali" e dell'art. 13 del GDPR (Regolamento UE 2016/679)