

## ΒΙΟΓΡΑΦΙΚΟ ΣΗΜΕΙΩΜΑ

### ΠΡΟΣΩΠΙΚΑ ΣΤΟΙΧΕΙΑ

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**Όνομα:** Παναγιώτης Μπεσμπέας

**ORCID ερευνητική ταυτότητα:** <http://orcid.org/0000-0002-1579-4152>

**Ημερομηνία Γέννησης:** 22/03/1973

**Γλώσσα:** English (Proficient); Greek (Native)

**URL για προσωπική σελίδα:** [http://www.aueb.gr/pages/didaktiko/faculty\\_gr\\_short.php?facid=1133](http://www.aueb.gr/pages/didaktiko/faculty_gr_short.php?facid=1133)

### ΕΚΠΑΙΔΕΥΣΗ

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- 01/10/1995 – 30/06/1999 **Διδακτορικό (PhD) στη Στατιστική**  
Institute of Mathematics and Statistics, University of Kent, United Kingdom.  
Τίτλος Διατριβής: 'Parameter estimation based on empirical transforms'.
- 01/10/1994 – 30/09/1995 **Μεταπτυχιακό Δίπλωμα στη Στατιστική (με διάκριση)**  
Institute of Mathematics and Statistics, University of Kent, United Kingdom.
- 01/10/1991– 30/06/1994 **Πτυχίο στα Μαθηματικά και τη Στατιστική, Άριστα**  
Institute of Mathematics and Statistics, University of Kent, United Kingdom.

### ΠΑΡΟΥΣΑ ΑΠΑΣΧΟΛΗΣΗ

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- 01/03/2006 – present **Επίκουρος Καθηγητής στην Εφαρμοσμένη Στατιστική**, Τμήμα Στατιστικής, Οικονομικό Πανεπιστήμιο Αθήνας.
- 01/08/2015 – present **Επισκέπτης Ερευνητής στη Στατιστική**, School of Mathematics, Statistics and Actuarial Science, University of Kent, UK.

### ΠΡΟΗΓΟΥΜΕΝΗ ΕΠΑΓΓΕΛΜΑΤΙΚΗ ΕΜΠΕΙΡΙΑ

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- 01/01/2013 – 31/12/2014 **Επισκέπτης Ερευνητής στη Στατιστική**  
School of Mathematics, Statistics and Actuarial Science, University of Kent, United Kingdom.
- 01/09/2003 – 28/02/2006 **Λέκτορας στη Στατιστική**  
Institute of Mathematics and Statistics, University of Kent, United Kingdom.
- 01/07/1999 – 31/05/2002 **Μεταδιδακτορικός Ερευνητικός Συνεργάτης στη Στατιστική**  
Institute of Mathematics and Statistics, University of Kent, United Kingdom.
- 01/01/1999 – 30/06/1999 **Ερευνητικός Συνεργάτης στη Στατιστική (πριν την απόκτηση διδακτορικού)**  
Institute of Mathematics and Statistics, University of Kent, United Kingdom.

## ΘΕΣΕΙΣ ΕΠΙΣΚΕΠΤΗ ΚΑΘΗΓΗΤΗ

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01/01/2011 – 31/03/2011	Fulbright Visiting Research Scholar, Department of Environmental Science, Policy and Management, <b>University of California, Berkeley, USA.</b>
01/04/2001 – 31/05/2001	Επισκέπτης Ερευνητής, Department of Mathematics and Statistics, <b>University of Cyprus, Cyprus.</b>
01/05/2000 – 31/05/2000	Επισκέπτης Ερευνητής, School of Mathematics and Statistics, <b>Australian Defence Force Academy, Australia.</b>

## ΒΡΑΒΕΙΑ, ΥΠΟΤΡΟΦΙΕΣ ΚΑΙ ΤΙΜΗΤΙΚΕΣ ΔΙΑΚΡΙΣΕΙΣ

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- 01/03/2014 **MARM** Award, London Mathematical Society.
- 01/09/2010 **Fulbright Research Scholar** Award, Ίδρυμα Fulbright Ελλάδας.
- 01/10/1995 – 30/09/1998 **Ph.D. Υποτροφία, EPSRC**, United Kingdom.
- 01/10/1994 – 30/09/1995 **M.Sc. Υποτροφία, EPSRC**, United Kingdom.
- 01/10/1991 – 30/06/1994 **B.Sc. Υποτροφία, Kent County Council**, United Kingdom.
- 30/09/1995 M.Sc. Αποφοίτηση με Διάκριση. **Βραβείο καλύτερου φοιτητή.**
- 30/06/1994 B.Sc. Αποφοίτηση με Διάκριση. **Royal Life Prize** βραβείο. **Institute of Mathematics and its Applications (IMA)** βραβείο.
- 30/06/1993 **Save and Prosper Educational Trust** βραβείο.

## ΕΠΙΒΛΕΨΗ ΜΕΤΑΠΤΥΧΙΑΚΩΝ ΦΟΙΤΗΤΩΝ (από το 2012)

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### 1. MSc

- Application of survival analysis methods in computer manufacturing (Α. Τσιάγκος)
- Statistical evaluation of Albuminuria as a marker for ICU patients. (Δ. Ζερβάκης)
- Home range analysis of real telemetry data of a greylag goose inhabiting the Prespa lakes (Χ. Μπολέτη)
- A comparison of Monte Carlo goodness of fit procedures (Σ. Σοφινός)
- Population trend estimation from panel survey data (Ε. Ζάλιαρη)
- Modelling consumer data with independent mixtures and hidden Markov Models (Ι. Παπούλιας)

### 2. PhD

- Stochastic models in Ecology with emphasis on the Mediterranean area (Κ. Νησιώτης)

## ΕΞΩΤΕΡΙΚΟΣ ΕΞΕΤΑΣΤΗΣ ΔΙΔΑΚΤΟΡΙΚΩΝ ΔΙΑΤΡΙΒΩΝ

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- Statistical models for the long-term monitoring of songbird populations. Vanessa Cave, University of St Andrews, Δεκ. 2009.
- Queues, Quality Control and Success Runs: Methodology and Applications in Production. Γ. Μύταλας, Οικονομικό Πανεπιστήμιο Αθηνών, Ιούνιος 2012.

## ΔΙΔΑΚΤΙΚΗ ΕΜΠΕΙΡΙΑ

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1. **Ίδρυμα:** Οικονομικό Πανεπιστήμιο Αθηνών  
**Θέση:** Επίκουρος Καθηγητής  
**Ημερομηνίες:** 01/03/2006 – σήμερα  
(Το σύμβολο \*\* αναφέρεται σε μαθήματα που σχεδιάστηκαν από την αρχή ενώ το σύμβολο \* αναφέρεται σε μαθήματα που όπου προστέθηκε νέο υλικό)
- |  |    |                 |
|--|----|-----------------|
| 1. Αριθμητικές Μέθοδοι                     | ** | (Ph.D.)         |
| 2. Υπολογιστική Στατιστική                 | ** | (M.Sc.)         |
| 3. Στατιστικά Πακέτα και Ανάλυση Δεδομένων | ** | (M.Sc.)         |
| 4. Στατιστικές Μέθοδοι στην Οικολογία      | ** | (B.Sc. & M.Sc.) |
| 5. Πιθανότητες                             | ** | (B.Sc. & M.Sc.) |
| 6. Ανάλυση Κατηγορικών Δεδομένων           | *  | (M.Sc.)         |
| 7. Ειδικά Θέματα στη Βιοστατιστική με R    | ** | (M.Sc.)         |
| 8. Προχωρημένες Μέθοδοι στη Βιοστατιστική  | ** | (M.Sc.)         |
| 9. Προσομοίωση                             | ** | (B.Sc. & M.Sc.) |
| 10. Ποσοτικές Μέθοδοι II                   | *  | (B.Sc.)         |
| 11. Ανάλυση Επιβίωσης                      | ** | (B.Sc.)         |
| 12. Βιοστατιστική II                       | *  | (B.Sc.)         |
2. **Ίδρυμα:** University of Kent  
**Θέση:** Λέκτορας  
**Ημερομηνίες:** 01/09/2003 – 01/03/2006
- |                                 |    |         |
|---------------------------------|----|---------|
| 1. Μπεύσιανή Στατιστική         | ** | (M.Sc.) |
| 2. Ιατρική Στατιστική           | *  | (M.Sc.) |
| 3. Στατιστική για Βιοτεχνολογία |    | (M.Sc.) |
| 4. Στατιστική                   |    | (B.Sc.) |
3. **Ίδρυμα:** University of Kent  
**Θέση:** Βοηθός (Ερευνητικός Συνεργάτης)  
**Ημερομηνίες:** 01/07/1999 – 31/05/2002
- |                         |  |         |
|-------------------------|--|---------|
| 1. Πιθανότητες          |  | (B.Sc.) |
| 2. Στατιστική Οικολογία |  | (M.Sc.) |
4. **Ίδρυμα:** University of Kent  
**Θέση:** Επιβλέπων Φροντιστηρίων (Πριν το Διδακτορικό)  
**Ημερομηνίες:** 01/09/1995 – 30/06/1998
- |                                      |  |         |
|--------------------------------------|--|---------|
| 1. Υπολογιστικά Μαθηματικά           |  | (B.Sc.) |
| 2. Γραμμική Άλγεβρα                  |  | (B.Sc.) |
| 3. Γραμμικός Προγραμματισμός         |  | (B.Sc.) |
| 4. Επιχειρησιακή Έρευνα              |  | (B.Sc.) |
| 5. Πιθανότητες                       |  | (B.Sc.) |
| 6. Πιθανότητες και Συμπερασματολογία |  | (B.Sc.) |
| 7. Ψυχολογία Πρακτική και Στατιστική |  | (B.Sc.) |
| 8. Πραγματική Ανάλυση                |  | (B.Sc.) |
| 9. Στατιστική                        |  | (B.Sc.) |

## ΟΡΓΑΝΩΣΗ ΚΑΙ ΔΙΔΑΣΚΑΛΙΑ ΕΠΑΓΓΕΛΜΑΤΙΚΩΝ WORKSHOPS

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1. R Training Workshop, *International Workshop*, University of Kent, UK.  
**06 – 11 Αυγ. 2015.** [100% της συνολικής διδασκαλίας]
2. Ecological Data Analysis in R (EcoDAR 2015), *Διεθνές Θερινό Σχολείο, Πανεπιστήμιο Αιγαίου, Μυτιλήνη.*  
**06 – 11 Ιουλ. 2015.** [50% της συνολικής διδασκαλίας]
3. Ecological Data Analysis in R (EcoDAR 2014), *Διεθνές Θερινό Σχολείο, ΕΛΚΕΘΕ, Ηράκλειο.*  
**06 – 13 Ιουλ. 2014.** [50% της συνολικής διδασκαλίας]
4. R Training Workshop, *International Workshop*, University of Kent, UK.  
**06 – 11 Ιουν. 2014.** [100% της συνολικής διδασκαλίας]
5. Ecological Data Analysis in R (EcoDAR 2013), *Διεθνές Θερινό Σχολείο, Πανεπιστήμιο Αιγαίου, Μυτιλήνη.*  
**08 – 14 Ιουλ. 2013.** [50% της συνολικής διδασκαλίας]
6. R Training Workshop, *International Workshop*, University of Kent, UK.  
**05 – 11 Ιουν. 2013** [100% της συνολικής διδασκαλίας]
7. Integrated Population Models, Euring 2013, Athens GA, USA.  
**28 Μαΐου 2013.** [100% της συνολικής διδασκαλίας]
8. Integrated Population Modelling, Joint meeting of the Royal Statistical Society (RSS), International Biometric Society (IBC) and British Ecological Society (BES), London, UK.  
**24 Σεπτ. 2012.** [100% της συνολικής διδασκαλίας]
9. Introduction to R for Statistical Computing and Data Analysis, *International Workshop*, University of Kent, UK.  
**03 – 10 Ιουν. 2012.** [100% της συνολικής διδασκαλίας]
10. Integrated Population Modelling Training Workshop, within NCSE Annual Workshop 2009, St. Andrews, UK.  
**25 – 26 Ιουν. 2009.** [50% της συνολικής διδασκαλίας]
11. Quantitative Methods in Population Dynamics, *International Workshop*, Πανεπιστήμιο Αιγαίου, Μυτιλήνη.  
**11 – 15 Ιουν. 2007.** [25% της συνολικής διδασκαλίας]

## ΟΡΓΑΝΩΣΗ ΔΙΕΘΝΩΝ ΣΥΝΕΔΡΙΩΝ

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- Μέλος της Επιστημονικής Επιτροπής: 7<sup>th</sup> Congress of the Hellenic Ecological Society, Mytilene, Greece, Oct. 2014.
- Πρόεδρος Συνεδρίασης (State-space Models): EURING 2013 Analytical Meeting, Georgia, USA,

May 2013.

- Μέλος της Επιστημονικής Επιτροπής: International Statistical Ecology Conference, Canterbury, UK, Jul. 2010.
- Μέλος της Επιστημονικής Επιτροπής: International Statistical Ecology Conference, St. Andrews, UK, Jul. 2008.

### **ΔΙΟΙΚΗΤΙΚΑ ΚΑΘΗΚΟΝΤΑ**

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- Υπεύθυνος Πληροφορικής, Institute of Mathematics and Statistics, University of Kent: 2003 – 2006.
- Μέλος της Επιτροπής Οδηγού Σπουδών, Τμήμα Στατιστικής, Οικονομικό Πανεπιστήμιο Αθηνών, 2014-2016.
- Υπεύθυνος Φροντιστηριακών Μαθημάτων, Τμήμα Στατιστικής, Οικονομικό Πανεπιστήμιο Αθηνών, 2016-σήμερα.

### **ΣΤΑΤΙΣΤΙΚΟΣ ΣΥΜΒΟΥΛΟΣ**

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Μέλος του StatDesk. Σύμβουλος Στατιστικών Αναλύσεων. University of Kent: 2003 – 2006.

### **ΜΕΛΟΣ ΕΡΕΥΝΗΤΙΚΩΝ ΕΝΩΣΕΩΝ**

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1. International Biometric Society
2. Ecological Society of America.
3. National Centre for Statistical Ecology (founding member)

### **ΕΡΕΥΝΗΤΙΚΕΣ ΕΠΙΧΟΡΗΓΗΣΕΙΣ**

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- 2004 Royal Statistical Society Conference Grant.
- 2009 Πρόγραμμα Ενίσχυσης Βασικής Έρευνας (ΠΕΒΕ), Οικονομικό Πανεπιστήμιο Αθηνών, Ελλάδα (€4000).
- 2010 Πρόγραμμα Ενίσχυσης Βασικής Έρευνας (ΠΕΒΕ), Οικονομικό Πανεπιστήμιο Αθηνών, Ελλάδα (€5000).
- 2013 Faculty of Sciences Research Funding 2013, University of Kent, UK (£1250).
- 2014 Faculty of Sciences Research Funding 2014, University of Kent, UK (£750).
- 2014 – 2015 MARM, London Mathematical Society (with R. Altwegg) (£10000).
- 2015 – 2016 Πρόγραμμα Πρωτότυπων Ερευνητικών Δημοσιεύσεων, Οικονομικό Πανεπιστήμιο Αθηνών, Ελλάδα (€3000).
- 2017 – 2018 Πρόγραμμα Πρωτότυπων Ερευνητικών Δημοσιεύσεων, Οικονομικό Πανεπιστήμιο Αθηνών, Ελλάδα (€3500).

### **ΣΤΡΑΤΙΩΤΙΚΕΣ ΥΠΟΧΡΕΩΣΕΙΣ**

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25/05/2002– 25/07/2003

## ΕΡΕΥΝΗΤΙΚΕΣ ΔΗΜΟΔΙΕΥΣΕΙΣ

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- Βιβλία *Modelling Population Dynamics: model formulation, fitting and assessment using state-space methods* (2014). Springer, New York, ISBN 978–1493909773. (with K.B. Newman, S.T. Buckland, B.J.T. Morgan, R. King, D.L. Borchers, D.J. Cole, O. Gimenez, L. Thomas). [Cited by 8]
  - Κεφάλαια σε Βιβλία **Besbeas, P.**, Borysiewicz, R. and Morgan, B.J.T. (2009). Completing the ecological jigsaw. In *Modeling Demographic Processes in Marked Populations. Environmental and Ecological Statistics Series: Vol. 3* (eds D.L. Thomson, E.G. Cooch, M.J. Conroy), pp. 515–542. Springer, New York, ISBN 978–0387781501. [Cited by 27]
  - Συνεισφορά σε Βιβλίο S-Plus/R software for *Applied Stochastic Modelling*, B.J.T. Morgan. Arnold, London. ISBN 978–0340740415.
  - Εγκυκλοπαίδειες **Besbeas, P.** (2010). Estimation. In *Encyclopedia of Research Design*, (eds. N.J. Salkind), 419–422, Sage Publications Inc., Thousand Oaks, CA. ISBN 978–1412961271
- **Σε διεθνή περιοδικά με κριτές [Αριθμός Ετεροαναφορών]**
1. **Besbeas, P.** and Morgan, B.J.T. (2001). Integrated squared error estimation of Cauchy parameters. *Statistics and Probability Letters*, Vol. 55, 397– 401. [Cited by 17]
  2. Antoniadis, A., **Besbeas, P.** and Sapatinas, T. (2001). Wavelet shrinkage for natural exponential families with cubic variance functions. *Sankhya*, Series A, Vol. 63, 309 –327. [Cited by 21]
  3. Abramovich, F., **Besbeas, P.** and Sapatinas, T. (2002). Empirical Bayes approach to block wavelet function estimation. *Computational Statistics and Data Analysis*, Vol. 39, 435 – 451. [Cited by 58]
  4. Fearn, T., Brown, P.J. and **Besbeas, P.** (2002). A Bayesian decision theory approach to variable selection for discrimination. *Statistics and Computing*, Vol. 12, 253 –260. [Cited by 10]
  5. **Besbeas, P.**, Freeman, S.N., Morgan B.J.T. and Catchpole E.A. (2002). Integrating mark-recapture-recovery and census data to estimate animal abundance and demographic parameters. *Biometrics*, Vol. 58, 540–547. [Cited by 202]
  6. **Besbeas, P.**, Lebreton, J.-D. and Morgan, B.J.T. (2003). The efficient integration of abundance and demographic data. *Applied Statistics*, Vol. 52, 95–102. [Cited by 62]
  7. **Besbeas, P.** and Morgan, B.J.T. (2004). Integrated squared error estimation of normal mixtures. *Computational Statistics and Data Analysis*, Vol. 44, 517– 526. [Cited by 17]
  8. **Besbeas, P.** and Morgan, B.J.T. (2004). Efficient and robust estimation for the one-sided stable distribution of index 1/2. *Statistics and Probability Letters*, Vol. 66, 251–257. [Cited by 8]
  9. Ridout, M.S. and **Besbeas, P.** (2004). An empirical model for underdispersed count data. *Statistical Modelling*, Vol. 4, 77–89. [Cited by 41]

10. **Besbeas, P.**, De Feis, I. and Sapatinas, T. (2004). A comparative simulation study of wavelet shrinkage estimators for Poisson counts. *International Statistical Review*, Vol. 72, 209–237. [Cited by 78]
11. **Besbeas, P.**, Freeman, S.N. and Morgan, B.J.T. (2005). The potential of integrated population modelling. *Australian and New Zealand Journal of Statistics*, Vol. 47, 35–48. [Cited by 57]
12. **Besbeas, P.** and Freeman, S.N. (2006). Methods for joint inference from panel survey and demographic data. *Ecology*, Vol. 87, 1138–1145. [Cited by 25]
13. Gauthier, G., **Besbeas, P.**, Lebreton, J.-D. and Morgan, B.J.T. (2007). Population growth in greater snow geese: a modeling approach integrating demographic and population survey information. *Ecology*, Vol. 88, 1420–1429. [Cited by 30]
14. **Besbeas, P.** and Morgan, B.J.T. (2008). Improved estimation for the stable laws. *Statistics and Computing*, Vol. 18, 219–231. [Cited by 13]
15. Tavecchia, G., **Besbeas, P.**, Coulson, T., Morgan, B.J.T. and Clutton-Brock, T.H. (2009). Estimating population size and hidden demographic parameters with state-space modelling. *American Naturalist*, Vol. 173, 722–733. [Cited by 38]
16. McCrea, R.S., Morgan, B.J.T., Gimenez, O., **Besbeas, P.**, Lebreton, J.-D. and Bregnballe, T. (2010). Multi-site integrated population modelling. *Journal of Agricultural, Biological and Environmental Statistics*, Vol. 15, 539–561. [Cited by 15]
17. Viallefont, A., **Besbeas, P.**, Morgan, B.J.T. and McCrea, R.S. (2012). Estimating survival and transition rates from aggregate sightings of animals. *Journal of Ornithology*, Vol. 152 (Suppl. 2), 381–391. [Cited by 1]
18. Freeman, S.N. and **Besbeas, P.** (2012). Quantifying changes in abundance without counting animals: extensions to a method of fitting integrated population models. *Journal of Ornithology*, Vol. 152(Suppl. 2), 409–418. [Cited by 4]
19. **Besbeas, P.** and Morgan, B.J.T. (2012). Kalman filter initialization for integrated population modelling. *Applied Statistics*, Vol. 61, 151–162. [Cited by 5]
20. **Besbeas, P.** and Morgan, B.J.T. (2012). A threshold model for heron productivity. *Journal of Agricultural, Biological and Environmental Statistics*, Vol. 17, 128–141. [Cited by 10]
21. Knape, J., **Besbeas, P.** and deValpine, P. (2013). Using uncertainly estimates in analyses of population time series. *Ecology*, Vol. 9, 2097–2107. [Cited by 13]
22. Cowen, L., **Besbeas, P.**, Morgan, B.J.T. and Schwarz, C.J. (2014). A comparison of abundance estimates from extended batch-marking and Jolly-Seber type experiments. *Ecology and Evolution*, Vol. 4, 210–218. [Cited by 5]
23. **Besbeas, P.** and Morgan, B.J.T. (2014). Goodness of fit of integrated population models using calibrated simulation. *Methods in Ecology and Evolution*, Vol. 5, 1373–1382. [Cited by 7]

24. **Besbeas, P.** and Morgan, B.J.T. (2017). Variance estimation for integrated population models. *Advances in Statistical Analysis*. To appear.
25. Cowen, L., **Besbeas, P.**, Morgan, B.J.T. and Schwarz, C.. (2017) Hidden Markov models for extended batch data. *Biometrics*. To appear.

▪ **Σε διαδικασία Κρίσης**

1. **Besbeas, P.**, McCrea, R.S. and Morgan, B.J.T.. Integrated population model selection in ecology. Technical report.

▪ **Σε Πρακτικά Συνεδρίων**

1. Morgan, B.J.T., **Besbeas, P.**, Thomas, L., Buckland, S., Harwood, J., Duck C. and Pomeroy, P. (2003). Integrated analysis of wildlife population dynamics. In *EURING 2003 Proceedings*, page 20.
2. **Besbeas, P.**, Freeman S.N. and Morgan, B.J.T. (2002). The potential of integrated population modelling. In *SEEM4 Statistics in Ecology and Environmental Monitoring Proceedings*, page 31.
3. **Besbeas, P.**, Freeman S.N. and Morgan, B.J.T. (2002). Integrated modelling of wild animal populations. In *XXI<sup>th</sup> International Biometrics Conference Proceedings*, pages 13 – 14.
4. **Besbeas, P.**, Freeman S.N. and Morgan, B.J.T. (2002). Integrated modelling of wild animal populations. In *Royal Statistical Society 2002*, page 64.
5. **Besbeas, P.**, Lebreton, J.-D. and Morgan, B.J.T. (2001). New methodology for integrated monitoring of wild animal populations. In *Bulletin of the 53<sup>rd</sup> Session of the ISI: Tome LIX, Book 1*, pages 361– 364.
6. **Besbeas, P.**, Freeman S.N. and Morgan, B.J.T. (2000). Integrated ring-recovery and census data analysis. In *EURING 2000 Proceedings*, page 18.
7. **Besbeas, P.**, Freeman S.N., Morgan, B.J.T. and Catchpole, E.A. (2000). Integrated ring-recovery and census data analysis. In *XX<sup>th</sup> International Biometrics Conference Proceedings*, page 133.
8. **Besbeas, P.** and Morgan, B.J.T. (1999). New statistical methodology for estimating survival probabilities of wild animals using census information. In *Workshop Abstract Booklet, Joint BBSRC / EPSRC Workshop in Theoretical Biology*, page 33.

▪ **Technical Reports**

1. **Besbeas, P.**, Freeman S.N. and Morgan, B.J.T. (2002). Statistics for the birds. *Invited*, in *BBSRC Business Magazine*, pages 5– 7, July 2002.
2. **Besbeas, P.**, Tavecchia, G., Morgan, B.J.T., Catchpole E.A. and Coulson T.N. (2002). Population dynamics of Soay sheep, University of Kent, *IMS Technical Report UKC/IMS/02/35*.
3. **Besbeas, P.**, Kershaw M. and Morgan B.J.T. (2002). Integrated analysis of teal data. University of Kent, *IMS Technical Report UKC/IMS/02/39*.
4. **Besbeas, P.**, Harwood J., Morgan, B.J.T. and Pomeroy P. (2002). Integrated analysis of grey seal data. University of Kent, *IMS Technical Report UKC/IMS/02/36*.
5. **Besbeas, P.**, Freeman S.N. and Morgan, B.J.T. and Catchpole, E.A. (2001). Stochastic models for animal abundance and demographic data. University of Kent, *IMS Technical Report UKC/IMS/01/16*.



6. **Besbeas, P.** and Morgan, B.J.T. (2001). Aspects of  $k$ - $L$  estimation. University of Kent, IMS *Technical Report UKC/IMS/01/49*.

## ΠΡΟΣΚΕΚΑΗΜΕΝΟΣ ΟΜΙΛΗΤΗΣ

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1. Wildlife population assessment methods. *CAPAM Data Weighting Workshop 2015*, La Jolla, CA, Oct. 2015. **(Keynote speaker)**
2. Recent developments in integrated population modelling. *IBS Channel Network 2015*, Nijmegen, Apr. 2015. **(Keynote speaker)**
3. A Monte Carlo goodness-of-fit procedure for integrated population models. *Euring 2013*, Athens GA, USA, Apr. 2013. **(Keynote speaker)**
4. Recent developments in Integrated Population Modelling. *Joint meeting of the RSS, IBC and BES*, London, Sep. 2012. **(Keynote speaker)**
5. Methods for increasing efficiency in analyses of population abundance time series. *IMEDEA*, Mallorca, Feb. 2012. **(Invited speaker)**
6. Wildlife population modelling. *Department of Environmental Science, Policy, and Management, UC Berkeley*, Berkeley, Feb. 2011. **(Keynote speaker)**
7. Wildlife population modelling: Existing and new methods. *XXIIIth International Biometrics Conference*, Montreal, Jul. 2006. **(Keynote speaker)**
8. Classical methods for modelling wildlife population dynamics. *Royal Statistical Society, General Applications Section: Statistics in Ecology*, London, Jun. 2006. **(Keynote speaker)**
9. Integrative wildlife population modelling via the Kalman filter. *1st National Centre for Statistical Ecology Conference*, St. Andrews, May 2006. **(Keynote speaker)**
10. Integrated modelling of wild animal populations. *NERC/EMS Workshop on Inference for Stochastic Population Models in Epidemiology and Ecology*. Edinburgh, Sep. 2004. **(Invited speaker)**
11. Integrated monitoring of wild animal populations. *Centre for Research into Ecological and Environmental Modelling*, University of St. Andrews, Mar. 2002. **(Invited speaker)**
12. Stochastic models for animal capture-recapture and census data. *Open University*, Milton Keynes, Nov. 2001. **(Invited speaker)**
13. New methodology for monitoring wild animal populations. *University College London*, London, Oct. 2001. **(Invited speaker)**
14. Stochastic models for animal abundance and demographic data. *University of Cyprus*, Nicosia, Apr. 2001. **(Invited speaker)**
15. Modeling heron and lapwing survival using ring-recovery and census data. *British Trust for Ornithology*, Thetford, Aug. 2000. **(Invited speaker)**
16. Integrated ring-recovery and census data analysis. *Australian Defence Force Academy*, Canberra, May 2000. **(Invited speaker)**

## ΟΜΙΛΙΕΣ ΣΕ ΔΙΕΘΝΗ ΣΥΝΕΔΡΙΑ

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1. Efficient, flexible estimation of time to decay of signs in indirect survey methods. *International Statistical Ecology Conference 2016*, Seattle, Jul. 2016.
2. Efficient model-fitting for N-mixtures. *NCSE Annual Workshop 2015*, Falmouth, Jun. 2015.
3. Goodness of fit for integrated models. *International Statistical Ecology Conference 2014*, Montpellier, Jul. 2014.
4. Estimating age-structure in survival from mark-recovery and integrated data. *NCSE Annual Workshop 2013*, Lowestoft, Jul. 2013.

5. Replicated sampling in population modelling. *International Statistical Ecology Conference 2012*, Oslo, Jul. 2012.
6. Replicated sampling in population monitoring. NCSE Annual Workshop 2011, Bath, Jul. 2011.
7. Modelling population dynamics from repeated surveys. *CFE-ERCIM 2011*, London, Dec. 2011.
8. Integrated population model selection. *CFE-ERCIM 2010*, London, Dec. 2010, London, Dec. 2010.
9. Integrated population model assessment. International Statistical Ecology Conference 2010, Canterbury, Jul. 2010.
10. Estimating abundance from presence/absence and mark-recovery data. Euring 2009, Pescara, Sep. 2009.
11. Integrated Modelling with P/A data. NSCE Annual Workshop 2009, St. Andrews, Jun. 2009.
12. Heterogeneity in integrated population modelling. XXIVth International Biometrics Conference, Dublin, Jul. 2008.
13. Heterogeneity in integrated population modelling. International Statistical Ecology Conference, St Andrews, Jul. 2008.
14. Introducing overdispersion in state-space models. 2nd National Centre for Statistical Ecology Conference, Canterbury, Jun. 2007.
15. Simultaneous survival, abundance and fecundity estimation for assessing animal population dynamics. XXIIth International Biometric Conference, Cairns, Jul. 2004.
16. Integrated monitoring of wild animal populations. International Biometric Society (British Region) Meeting with theme 'Biometrika: a celebration of the first 100 years', University College London (UCL), London, Nov. 2001.
17. Integrated monitoring of wild animal populations. Joint EPSRC / BBSRC / MRC / NERC Workshop in Theoretical Biology, Cambridge, Oct. 2001.
18. Integrated squared error estimation of normal mixtures. Workshop on Statistical Mixtures and Latent Structure, Edinburgh, Mar. 2001.
19. Integrated ring-recovery and census data analysis. XXth International Biometric Conference, San Francisco, July 2000.
20. New statistical methodology for evaluating animal population dynamics. Joint BBSRC / EPSRC Workshop in Theoretical Biology, Bournemouth, Nov. 1999.
21. Transform based inference. 21st Research Student Conference, University of Lancaster, Mar 1998.

## **ΑΞΙΟΛΟΓΗΤΗΣ**

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Βιβλίων:

- Zuur, A.F., Ieno, E.N. and Smith, G.M. (2007) *Analysing Ecological Data*. Springer, New York ISBN 978-0387459677.

Επιστημονικών Περιοδικών (επιλεγμένα):

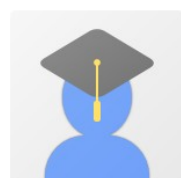
- Australian and New Zealand Journal of Statistics
- Biometrics
- Conservation Biology
- Communication in Statistics: Simulation and Computation
- Communication in Statistics: Theory and Methods
- Journal of Applied Statistics

- Journal of Agricultural Biological and Environmental Statistics
- Journal of Statistical Computation and Simulation
- Journal of the American Statistical Association
- Journal of the Royal Statistical Society, Series B
- Methods in Ecology and Evolution

## ΕΤΕΡΟΑΝΑΦΟΡΕΣ

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