CURRICULUM VITAE 2011

John M. Halley
Associate Professor
Dept. Biological Applications & Technology
University of Ioannina
45110 Ioannina
Epirus, Greece.

+30 26510 07337 (Wk)
+30 6944 328099 (Mb)

jhalley@cc.uoi.gr

www.jmax.gr

My original degrees (University College Dublin, 1983; University College London, 1985 and 1989) were all in Electronic Engineering but since 1990 I have worked on problems associated with the environment, focusing on theoretical and applied ecology. My main research interests are in the application of mathematics and statistics to ecology and conservation. This has included population dynamics, population genetics, ecological time-series analysis and the application of fractals to ecological distributions. Recently, I have been working on novel methods for the interpretation of climate-change statistics and for the estimation of the rates of species loss due to rainforest clearance. Also, since taking up my post at Ioannina in 2007, I have become increasingly involved with field ecology as well as theoretical ecology. In both an educational and research capacity, I have also become interested in the biodiversity and conservation issues for the district of Epirus, Greece.

Employment since 1990

Dates	Place	Position
September 2007-	University of Ioannina (UI)	Associate Professor
Sept 2003-Sept 2006	Technical Education Foundation (TEI): Moundania School of Fisheries & Aquaculture	Part-time lecturer
January 2001-	Aristotle University of Thessaloniki (AUTh), School of Biolog	Part-time lecturer (MSc programs)
January 1999-December 2001		Research associate
January 1996 to December 1998	University of St. Andrews, Mathematical Institute	Lecturer
February 1990 to October 1995	Imperial College London, Centre for Population Biology	Research associate

Languages
English, Greek

Selected Participations

- Plenary Lecturer, Hellenic Ecological Society Conference, Patras 2010
- Plenary Lecturer, IAVS Conference, Chania 2009
- Invited participant, Smithsonian Biodiversity Science and Education Initiative (BSEI) 2005-2007
- Invited lectures at:
  - Aristotle-University of Thessaloniki, April 2004
  - University of Georgia, Seminar (Dept. of Plant Biology, October 2004
  - First Okazaki Conference on "Biology of extinction", Okazaki, Japan, January 2004
  - Duke University (Nicholas School of the Environment), November 2002
  - BAAS. (Charles Lyell 100th Anniversary lecturer), 1997

Funding ID: Successful and pending Grant Applications

Currently I am setting up a laboratory for ecology at the University of Ioannina and building a research time including postdoctoral researchers and PhD and diploma students. Most of these applications are to this end.

Year	Project and Funding Programme	Value
2011	• "Conservation through Religion: the Sacred Groves of Epirus" THALIS programme • "Fungal responses under differing environmental regimes", Postdoctoral Prog.: Epirus (ESPA 2007-13)	€509,820 €140,000
2010	• "Population ecology and genetics of the genus *Campanula* at the core and margins of their distributions in montane areas of Greece" Herakleitos II Prog. (PhD) • "Diversity and distribution patterns of Lepidoptera and Orthoptera in Greece and their responses to local and global climate change" Herakleitos II Prog. (PhD) • Award under "Research Promotion Foundation's Framework Programme For Research, Technological Development And Innovation (RPF'S FP 2009-2010" (ΙΙΕΝΕΚ/0609/34) (PhD student) • "Forest fires under climate, social and economic changes" (Participant) EU 7th Framework Grant no. 243888. 2009: FUME	€45,000 €45,000 €105,000 €300,000
2003	• "Developing Software for the Management of Vulnerable Populations Using Individual-based Population Models with Dynamics, Genetics and Behaviour" GSRT prog. Scientific and Technological Cooperation Between Related Organizations in Greece and other countries (with Duke University, USA)	€60,000
2001	• "Development of Fractal Sampling Techniques and Statistics For Natural Forest Distributions", Joint British Council/GRST programme	£6,080

Teaching Experience

- Currently supervisor to 4 PhD students and 5 diploma students
- Teach core modules in General Ecology and Applied Ecology at University of Ioannina
- Set up and teach new elective course "Field Ecology" at University of Ioannina, 2012
- Teaching on two MSc. Courses at Aristotle University of Thessaloniki. Topics include Modeling and Statistics for Conservation Biology and Time-series Analysis

- Lecturer at Greek Summer School in Conservation Biology, Papingo, 2010 & 2011

Selected Publications.
I am the author of 50 reviewed papers in scientific journals and have received over 1000 citations (ISI; 1600 on Google Scholar), with 544 of these in the last 5 years. The average impact factor (since 2001) is 4.5. My *h*-index is 21.
For full list see http://www.jmax.gr/en/publications

1. Halley, J. M. & Iwasa, Y. Neutrality without incoherence: a response to Clark. *Trends in Ecology & Evolution* **27**, 363 (2012).
2. Vokou, D. *et al.* Exploring Biodiversity in the Bacterial Community of the Mediterranean Phyllosphere and its Relationship with Airborne Bacteria. *Microbial Ecology* 1–11 (2012).
3. Veresoglou, S. D. & Halley, J. M. A model that explains diversity patterns of arbuscular mycorrhizas. *Ecological Modelling* **231**, 146–152 (2012).
4. Halley, J. M. & Iwasa, Y. Neutral Theory as a Predictor of Avifaunal Extinctions After Habitat Loss. *Proceedings of the National Academy of Sciences of the United States of America* **108**, 2316–2321 (2011).
5. Halley, J. M. & Kugiumtzis, D. Nonparametric testing of variability and trend in some climatic records. *Climatic Change* **109**, 549–568 (2011).
6. Van Houtan, K. S. & Halley, J. M. Long-Term Climate Forcing in Loggerhead Sea Turtle Nesting. *PLOS ONE* **6**, (2011).
7. Damialis, A., Halley, J. M., Gioulekas, D. & Vokou, D. Long-Term Trends in Atmospheric Pollen Levels in the City of Thessaloniki, Greece. *Atmospheric Environment* **41**, 7011–7021 (2007).
8. Van Houtan, K. S., Halley, J. M., Van Aarde, R. & Pimm, S. L. Achieving success with small, translocated mammal populations. *Conservation Letters* **2**, 254–262 (2009).
9. Halley, J. M. *et al.* Uses and Abuses of Fractal Methodology in Ecology. *Ecology Letters* **7**, 254–271 (2004).
10. Halley, J. M. Parameter Drift Stabilizes Long-Range Extinction Forecasts. *Ecology Letters* **6**, 392–397 (2003).
11. Inchausti, P. & Halley, J. Investigating Long-Term Ecological Variability Using the Global Population Dynamics Database. *Science* **293**, 655–657 (2001).

Other Relevant Activities
- Member of Society of Conservation Biology s Global Science & Publications Committee 2008-2012.
- Management Board: Hellenic Ecological society 2010-.
- Chairman, Organizing Committee for conference "Biodiversity and Productivity in Lake Pamvotis" Ioannina, (15/1/2011) (http://pamvotis.conf.offbit.gr/en)
- Chairman, Organizing Committee (with the Lambriadeio Foundation) for the establishment of the University of Ioannina Field Station in Ano Pedina, Zagori. (4/9/2012).