



## MARÍA DOLORES (Lola) UGARTE

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María Dolores (Lola) Ugarte is currently full Professor of Statistics at the Department of Statistics and Operations Research of the Public University of Navarre (UPNA), Pamplona, Spain. Her main research lines are spatial and spatio-temporal statistics and small area estimation. She defines herself as an applied statistician with a focus on developing new statistical methodology for solving real problems in several fields. Her research group has made pioneering contributions in *disease mapping* by developing new spatio-temporal models.

### *Academic and Professional Qualifications*

1984-1989 Degree in Mathematics, University of Zaragoza, Spain

1989-1991 Department of Applied Mathematics, University of Zaragoza (grant recipient)

January 1992 – October 1992 Department of Applied Mathematics, University of Zaragoza (teaching assistant)

October 1992-March 1996 Ph-D Student at the Department of Statistics and O.R. -Public University of Navarre, Spain and teaching assistant.

1997-1998 Post-doc training at the Department of Mathematics and Statistics, Simon Fraser University, Canada (with a postdoc grant from the Spanish Ministry of Science and Education)

1997-2009 Associate Professor (Public University of Navarre)

2009-2017 Full Professor (Public University of Navarre)

### *Publications, conferences, projects, contracts*

The total number of publications including papers, comments, and reviews is greater than 130, with a total of 80 papers published in international JCR journals. She has also published or edited 13 books. She is for example, one of the coauthors of “Probability and Statistics with R” (Second edition, 2016, CRC/Chapman & Hall) and one of the editors (with Lawson, A., Banerjee, S. and Haining, R.) of the “Handbook of Spatial Epidemiology” (2016, CRC Press). She has participated in 20 competitive research projects (10 of them as Principal Investigator –PI-) and 34 contracts with companies, universities or statistical institutes (all of them as PI or co-PI). Some of the small area methodology developed by her group has been implemented in the Basque Country Statistical Institute. The number of conferences that she attended as invited speaker or member of the scientific committee is high (more than seventy). She has also delivered seminars by

invitation in several universities like University of British Columbia, Simon Fraser University, Texas A&M, Kaust University, Trier University, Lisbon University, AgroParisTech, Paris-Nanterre University, Masaryk University, etc.

#### *Editorial Experience*

Dr. Ugarte is currently (co)- editor in chief of the journal *TEST*. She has been also guest editor for several journals as *Computational Statistics and Data Analysis (CSDA)*, *Environmetrics*, and *Statistical Methods in Medical Research*. She has been Associate Editor of the *Journal of the Royal Statistical Society Series A* and *CSDA*. Currently is also AE of *Statistical Modelling*, a member of the editorial board of *Spatial and Spatio-Temporal Epidemiology* and a member of the scientific committee of the *Colombian Journal of Statistics*, *Investigación Operacional* (Cuba) and *Saberes* (Argentina).

#### *Administrative experience*

She has been the Chair of the Statistics Department at the Public University of Navarre (2007-2012) and Vice-president of the Spanish Statistical Society (2010-2013). She is currently the representative of the UPNA in the Statistical Board of the Navarra Government and a member of Fenstat Executive Committee (acting as Treasurer). She has participated as member of the jury of several prestigious mathematical prizes given by the BBVA Bank. From the beginning of 2017 she is a member of the Spanish Research Agency of the Spanish Ministry of Economy, Industry and Competitiveness (Division of Coordination, Evaluation and Scientific and Technical Control of Research Projects).

Google scholar:

[https://scholar.google.es/citations?view\\_op=list\\_works&hl=es&user=kl-5NbMAAAAJ](https://scholar.google.es/citations?view_op=list_works&hl=es&user=kl-5NbMAAAAJ)