

**Allard, Denis**, born 10.10.1965, Nationality: French, Luxembourg

URL for personal web site: <http://informatique-mia.inra.fr/biosp/homepage-denis-allard>

## 1. CURRENT POSITION

2017 – Now Responsible for INRA Partnerhis and Technology Transfer in the field of Digital Agriculture

2008 - Now Research Director (Directeur de Recherche de 1<sup>ère</sup> classe, since 01/07/2016) at Biostatistics and Spatial Processes (BioSP), Institut National de la Recherche Agronomique (INRA), France. This position is similar to Full Professor in the French research system.

## 2. EDUCATION

2013 Habilitation à Diriger les Recherches in Statistics: **Defence date:** 10.12.2007.  
Department of Mathematics and Statistics, University of Montpellier, France

1993 Ph.D. in Geostatistics: **Defence date:** 03.12.1993.  
Center for Geostatistics, Paris School of Mines, France

1990 Masters in Geostatistics  
Center for Geostatistics, Paris School of Mines, France

1989 Master Degree in Mining Engineering  
Université Libre de Bruxelles (Belgium)

## 3. PROFESSIONAL AND ACADEMIC EXPERIENCE

2016 Visiting Professor at University Ca'Foscari, Venice (Italy) in the Dept. for Environmental Sciences, Computer Science and Statistics.

2006-2011 Head of Unit “Biostatistics and Spatial Processes” (BioSP), INRA, Avignon: 20 permanent staff with 12 permanent researchers

1996-2006 Researcher at BioSP, INRA

1995-1996 Senior Geostatistician, BP Exploration Research Centre, London, UK

1994-1995 Assistant Professor, Dept. of Statistics, University of Washington, Seattle (WA), USA

### Elected and Other services

2016-Now Board of the INRA Meta-Programme Adaptation of Agriculture and Forest to Climate Change

2008-2010 Elected, Scientific Council of the University of Avignon

1999-2006 Elected, Scientific Council of the Applied Mathematics and Informatics Division of INRA.

1999-2003 Elected, Scientific Council of the INRA Avignon Research Center.

### Editorial and Reviewing Services

2006-Now Associate Editor, *Computing and Statistics*

2011-Now Member of Editorial board, *Spatial Statistics*

2015-Now Member of Editorial board, *Mathematical Geosciences*

2015 Member of the “Environment and Climate Change” panel for the ERA-NET RUS+ program

## 4. RESEARCH PROJECTS AS LEADING INVESTIGATORS

2016 – 2018 ERANNET MED-NEXUS Project DES<sup>2</sup>IRES: (DESign of DESalination systems based on optimal usage of multiple Renewable Energy Sources)

2014 - Now Ongoing INRA grant for coordinating RESSTE, a (French) national network on statistical methods for spatio-temporal data

2014-2017 MECC, grant from ANR (French National Research Agency): Mechanism of Adaptation to Climate Change. In charge of the Work Package “Stochastic Weather Generator and stochastic downscaling of climate projections”

2012-2016 VIGIE-MED, grant from INRA meta-program “Adaptation to Climate Change of Agriculture and Forests”. Towards a multivariate, multisite, Stochastic Weather Generator.

2007-2010 CLIMATOR, grant from ANR (French National Research Agency): Climate Change on Agriculture and Forest in France: simulations of impact on the major species. In charge of the Work Package “Uncertainty characterization and stochastic Weather Generator”

## 5. SUPERVISED PhD THESES; IMPORTANT CONTRIBUTIONS TO THE CAREER OF SCIENTISTS

In total, 0 Postdocs, 6 PhDs (see below), > 10 Masters (not listed)

- Edith Gabriel (2001-2004), Université de Montpellier. Now Assistant Professor, Université d’Avignon (3 joint papers). E. Gabriel, was awarded the “Prix Marie-Jeanne Duhamel 2006” by the French Statistical Society (SFdS) for best PhD dissertation in applied statistics (years 2004 and 2005)
- Sébastien Garrigues (2001-2004), Université de Rennes. Now Researcher at INRA (5 joint papers)
- Cédric Flécher (2006-2009), Université Montpellier. Now with INBOX, Montréal, Canada (3 joint papers)
- Marc Bourotte (2012- 2016), Université d’Avignon (2 joint papers)
- Victor Zaytsev (2014 - 2017), MinesparisTech (2 joint papers)
- Ricardo Carrizo (2015 - now) ), MinesparisTech

## 6. PRIZES, FELLOWSHIPS, DISTINGUISHED MEMBERSHIPS

2016 Invited Professor (2 month) at the Dept. of Environmental Sciences, Computer Science and Statistics, University Ca’ Foscari, Venezia, Italy.

2016 Granted promotion as 1st class Research Director at INRA.

2003-2016 Board of the Environmental Section of the French Statistical Society

2000-Now Scientific Committee of the conference series geoENV: Geostatistics for Environment + member of the council, geoENVIA association

## 7. ORGANISATION OF CONFERENCES AND SCIENTIFIC MEETINGS

2017 Co-chair of the French Statistical Meeting, 29 May – 2 June 2017, Avignon. ~450 participants expected

2015 Co-chair of the Spatial Statistics Conference, 9 – 12 June 2016, Avignon. ~300 registered participants

2014 Organizer of the workshop on Stochastic Weather Generators, Avignon, 17-19 September 2014. ~50 participants

2012 Organizer of the 9th French-Danish Workshop on Spatial Statistics and Image Analysis in Biology (SSIAB), Avignon, 9 – 11 May 2012. ~40 participants

2000 Co-organizer of the geoENV III Geostatistics for Environment conference, November 2000, Avignon. ~150 participants

## 8. PUBLICATIONS

In total, +40 publications in Web of Science referenced journals; 20 books chapters or conference proceedings; more than 60 oral communications in international workshops and conferences.

As Sept 1<sup>st</sup>, 2017:

Thomson Reuters Web of Knowledge: h-index: 13; citations: 555 (without self-citations)

Google Scholar: h-index: 20; citations: 1508

## 9. OUTREACH AND TECHNOLOGY TRANSFER

2001-Now External Advisor for, and long term collaboration with, Ephesia-Consult on methods for the application of geostatistics and spatial statistics in Geosciences.

Co-inventor of 4 patents with world-wide coverage (PCT)