

CURRICULUM VITAE

Allard, Denis , born 10.10.1965	Nationalities: French & Luxembourg
URL for personal web site	http://informatique-mia.inrae.fr/biosp/homepage-denis-allard
ORCID	https://orcid.org/0000-0001-7944-1906
HAL	https://cv.hal.science/denis-allard-biosp

1. CURRENT POSITION

2008 - Now Directeur de Recherche (currently DR1) at Biostatistics and Spatial Processes (BioSP), INRAE
2022 - Now PI of the “[Chaire Geolearning](#)”, a collaborative project between BioSP and the Geostatistics team at Mines Paris. Sponsors: Andra, BNP, CCR, SCOR

2. EDUCATION

2007 HDR, Department of Mathematics and Statistics, University of Montpellier, France
1993 Ph.D in Geostatistics, Centre de Géostatistique, Ecole des Mines de Paris

3. PROFESSIONAL AND ACADEMIC EXPERIENCE

09/17 –02/20 Responsible for INRAE Partnership and Technology Transfer for Digital Agriculture
2016 and 2019 Visiting Professor at University Ca’Foscari, Venice (Italy)
2006-2011 Head of Unit “Biostatistics and Spatial Processes” (BioSP), INRAE, Avignon
1996-2006 Researcher at BioSP, INRAE
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

2022-Now Board of the INRAE Meta-Programme XRISQUES “Multiple Risks”
2019-2024 Member of the Group “Natural and Environmental Risks”, AllEnvi
2016-2021 Board of the INRAE Meta-Programme ACCAF / CLIMAE “Adaptation of Agriculture and Forest to Climate Change”
2008-2010 Elected Scientific Councils: University of Avignon (2008-2010), Applied Math. and Informatics Dept. of INRAE (1999-2006), INRAE Avignon Research Center (1999-2003)

Editorial Services

2024-Now Associate Editor for *Spatial Statistics*
2012-Now Member of Editorial boards: *Spatial Statistics* (2012-2023), *Computing and Statistics* (2006-2020), *Mathematical Geosciences* (2015-now)

4. RESEARCH PROJECTS AS LEADING INVESTIGATOR

2025-2029 CAMURI: Flagship research project of the Metaprogram XRISQUES. PI – 300 k€
2024-2025 GREENGRID: Programme Henri Curien ULYSSES. French PI. Real-time prediction of GREEN electricity generation potential from wind for optimised GRID management.
2022-2027 PI of the “[Chaire Geolearning](#)”, a collaborative project between BioSP and the Geostatistics team at Mines Paris. Sponsors: Andra, BNP, CCR, SCOR
2022-2025 COMBINE (with UNIL and LSCE/IPSL). co-PI
2014-2022 INRAE grant for coordinating RESSTE, a (French) national network on statistical methods for spatio-temporal data. <https://informatique-mia.inrae.fr/resste> [Now T. Opitz Coordinator]
2020-2021 COMPROMISE. Bias Correction applied to Crop Model Projections for Climate Services. INRAE grant from ACCAF meta-program
2017 WACS-CC. Stochastic Weather Generator with Climate Change. INRAE grant from ACCAF meta-program
2016-2018 ERANNET MED-NEXUS Project DES²IRES: (DESign of DESalination systems based on optimal usage of multiple Renewable Energy Sources)
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

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

In total, 2 Postdoc, 10 PhDs (see below), 16 Masters (not listed)

- Edith Gabriel (2001-2004), Université de Montpellier. Now INRAE Research Director, BioSP, 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 INRAE (5 joint papers)
- Cédric Flécher (2006-2009), Université Montpellier. Now with ISATIS, Montréal, Canada (3 joint papers)
- Marc Bourotte (2012- 2016), Université d’Avignon (2 joint papers). Now Data Scientist at Banque Calédonienne de Développement, Nouméa, New Caledonia.
- Victor Zaytsev (2014 - 2017), MinesparisTech (2 joint papers) Now Senior Machine Learning Engineer with Google, Zürich
- Ricardo Carrizo (2015 - 2018), MinesparisTech (1 joint paper). Now at Vogelwarte, Sempach, Switzerland
- Lucia Clarotto (2020-2023), with Mines Paris (3 joint papers). Now Assistant Professor at AgroParisTech (permanent position).
- Grégoire Jacquemin (2022-2026), with LSCE/IPSL and Mines Paris.
- Antoine Doizé (2023-2026), with Sorbonne Université and LSCE/IPSL
- François Raynal (2026-2029) with Mines Paris and Caisse Centrale de Réassurance (CCR)
- Saïd Obakrim (2022-2024) Postdoc: multivariate stochastic weather generator over France – past, present and future climates
- Antoine Herenval (2024-2026) Post-doc: analysis of climate compound events using point processes.
- Margaux Leroy (2025-2027) Postdoc: multirisk measures. Definition and mathematical properties

6. PRIZES, FELLOWSHIPS, DISTINGUISHED MEMBERSHIPS

2026	Matheron Lecturer 24nd Annual Conference of the International Association for Mathematical Geosciences in Montreal, Canada, 23-28 August 2026
2024	2024 Best paper STAHY Award for Multivariate bias corrections of climate simulations: which benefits for which losses?, <i>Earth System Dynamics</i> , 11 (2), 537-562.
2017	2017 Best paper Award in <i>Mathematical Geoscience for Anisotropy Models for Spatial Data Math Geosc.</i> Volume 48(3): 305–328, doi: 10.1007/s11004-015-9594-x
2016	Invited Professor (2 month) at the 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

2025	Co-chair of the Spatial Statistics Conference, 15-18 July, 2025, Noodwijk, NL ~250 part.
2017	Co-chair of the French Statistical Meeting, 29 May – 2 June 2017, Avignon. ~450 particip.
2015	Co-chair of the Spatial Statistics Conference, 9 – 12 June 2016, Avignon. ~300 participants
2014	Organizer of the workshop on SWGs, 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, November 2000, Avignon. ~150 participants

8. PUBLICATIONS

~70 publications in Web of Science referenced journals; 20 books chapters or conference proceedings; 65+ oral communications in international workshops and conferences. As of Feb. 15th, 2026:

Scopus: h-index: 22; citations: 1936
Google Scholar: h-index: 34; citations: 4346

9. OUTREACH AND TECHNOLOGY TRANSFER

2001-Now	External Advisor for, and collaboration with Ephesia-Consult on methods for the application of spatial statistics in Geosciences. Co-inventor of 4 patents with world-wide coverage (PCT)
2019-2023	Member of the Scientific Advisory Board of MeilleursAgents
2022-2024	Member of the Scientific Advisory Board of Genesis.live