

PERSONAL INFORMATION

Alessandra Petrucci



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Sex Female | Date of birth 10/03/1962 | Nationality Italian

POSITION

Associate Professor of Statistics

WORK EXPERIENCE

2012-present Associate Professor of Statistics, Department of Statistics, Computer Sciences, Applications, University of Florence.  
 2002-2012 Associate Professor of Statistics, Department of Statistics, Faculty of Psychology, University of Florence.  
 1997-2002 Assistant Professor of Statistics, Department of Statistics, Faculty of Political Sciences, University of Florence.  
 1996-1997 Postdoctoral research Fellow, Department of Statistics “G. Parenti,” University of Florence.  
 1994-1996 Research Fellow, Department of Civil Engineer,” University of Florence.

Business or sector: Education and Research

EDUCATION AND TRAINING

1992-1994 Ph.D. in Applied Statistics, University of Florence  
 1982-1988 Masters degree in Civil Engineer (Hydraulic), University of Florence

Mother tongue(s) Italian

Other language(s)

|         | UNDERSTANDING |         | SPEAKING           |                   | WRITING |
|---------|---------------|---------|--------------------|-------------------|---------|
|         | Listening     | Reading | Spoken interaction | Spoken production |         |
| English | B1            | C1      | B1                 | B1                | C1      |
| French  | B1            | B1      | A1                 | A1                | A1      |

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
 Common European Framework of Reference for Languages

Communication skills

▪ excellent communication skills gained through the experience as professor, elected member of Italian National University Council and member of the Boards of Directors of the University of Florence.

PERSONAL SKILLS

- Organisational / managerial skills**

  - leadership (member of the Board of Directors of the University of Florence, elected member of the Italian National University Council, member of the committee in charge to review the Statute of the University of Florence according to the law n.240/2010, deputy Director of the Department of Statistics “G. Parenti”, University of Florence).
- Job-related skills**

  - excellent command of methodological and applied statistics (spatial statistics, environmental statistics, sampling design, small area estimation, multivariate extreme distributions for hydrological studies, evaluation of teaching effectiveness).
- Computer skills**

  - excellent command of statistical packages, Microsoft Office™ tools and extensive experience in Geographical Information Systems – GIS
- Other skills**

  - 2014 – international consultant FAO for Global Strategy project
  - 2008 -2009 Scientific coordinator of the working group on The geocoding of official statistical data under the sponsorship of the Commission for the Protection of Statistical Information (CoGIS) at the Italian Presidency of the Council of Ministers.
  - 2002 -present teaching experience for the Schools of the Italian Society of Statistics.
  - 2006 -2007 member of working group on FSE project EQUAL II FASE,MISURA 2.2 “Social Entertainment Service”
  - 2004 Scientific coordinator of the project on “Mobility and accidentalness” under the sponsorship of the Municipality of Florence.
  - 2004 Scientific coordinator of the research grated from FAO on poverty mapping (spatial statistical approach) in Albania.
  - 2002 Senior Statistician/GIS Specialist in the working group on poverty mapping in Ecuador.
  - 2001 Member of the working group on “Implementation of computer assisted systems for the evaluation of teaching by students rating and occupational chances of the graduates and undergraduates” under the sponsorship of the National Committee for the University System Evaluation (CNVSU).
  - 1997 -2001 Statistical and Geographical Information Systems (GIS) expert in the FAO project on First Agricultural Census in China (gcp/cpr/010/ita, gcp/cpr/020/ita e gcp/cpr/025/ita).
- Driving licence**

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ADDITIONAL INFORMATION

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- Conferences organization**

  - WSC 2013 invited session , Valorizzazione responsabilità sociale della statistica pubblica,2010, Roma,Italy - member of the Program Committee, Spatial Data Methods for Environmental and Ecological Processes,2006, Foggia, Italy - Member of the Program Committee, Intermediate Meeting of the Italian Statistical Society, 2005, Messina, Italy - Member of the Program Committee. XL Scientific Meeting of the Italian Statistical Society, 2000, Florence, Italy - Member of the Organizing Committee.
- Referee activities**

  - Statistical Methods and Application (SMA), Journal of Environmental and Ecological Statistics Communications in Statistics: Theory and Methods, Journal of Geographical Systems, Statistica & Applicazioni
- Memberships**

  - International Statistical Institute (ISI) elected member, International Association for Statistical Computing (IASC), TIES (The International Environmetrics Society), American Statistical Association (ASA) , Italian Statistical Society (Società Italiana di Statistica (SIS),Italian Economy, Demography and Statistic Society (Società Italiana di Economia, Demografia Statistica (SIEDS)).
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- Projects (financed)
- 2008 -2009 Integration, management and use of georeferenced information for economic and social surveys (national coordinator Giorgio Eduardo Montanari), PRIN 2007 grant Italian Ministry of Research and Higher Education. 2006 -2007 Estimation methodologies and problems in agricultural and environmental surveys(national coordinator Andrea Giommi), PRIN 2005 grant Italian Ministry of Research and Higher Education. 2004 -2005 Innovations in sample surveys in the system of agri-environmental statistics: Methods, organization and contents (national coordinator Antonio Giusti), PRIN 2003 grant Italian Ministry of Research and Higher Education.2003 -2004 Integrated information systems in small area estimation (national coordinator Alberto Zuliani), PRIN 2002 grant Italian Ministry of Research and Higher Education. 2001 -2002 Tools and methods for the representation and management of statistical information (national coordinator Gianfranco Galmacci), PRIN 2000 grant Italian Ministry of Research and Higher Education. 2000 -2001 Quality and Effectiveness of Higher Education and Training: Methods and Models of Evaluation (national coordinator Enrico Gori), PRIN 1999 grant Italian Ministry of Research and Higher Education. 1999 -2000 Innovation in production process and data analysis: methodological developments and applications. (national coordinator Luigi Fabbris), PRIN 1998 grant Italian Ministry of Research and Higher Education. 1996 New technologies in statistics (national coordinator Corrado Provasi), CNR grant Italian National Research Council. 1995 Teaching techniques and innovations in teaching statistic disciplines (national coordinator Enzo Lombardo), MURST ex40Italian Ministry of Research and Higher Education. 1994 Statistical methods for analysis of environmental and territorial data (national coordinator Antonio Giusti), CNR grant Italian National Research Council.

## ANNEXES

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- List of publications