

PERSONAL INFORMATION

Gabriele GARNERO



 Via Borgo Vecchio, 3 – 10041 CARIGNANO (TO) - ITALY

 +39 011 0907443  +39 335 6073024

 gabriele.garnero@unito.it

 www.dist.polito.it

 WhatsApp, LinkedIn, Facebook

Sex Male | Date of birth 06/10/1962 | Nationality Italian

POSITION

University professor

WORK EXPERIENCE

01/10/2001-present

Associate professor

Associate professor SSD ICAR/06 – Surveying and Cartography
 - from 14/05/2012 to present: DIST (Interuniversity Department of Regional and Urban Studies and Planning) – Polytechnic and University of Turin
 - from 01/10/2001 to 13/05/2012: Faculty of Agriculture - University of Turin

16/07/1990-30/09/2001

University researcher

Institute of Topography and Rural Buildings of the University of Turin

EDUCATION AND TRAINING

1987-1990

PhD “Geodetic and Topographic Sciences”

Polytechnic of Turin

1981-1986

Degree in civil engineering

Polytechnic of Turin – 110/110 cum laude

1976-1981

Diploma as Surveyor

Don Bosco Institute – Lombriasco (TO) – 60/60

PERSONAL SKILLS

Mother tongue(s)

Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
French	Good	Good	Good	Good	Good
English	Basic	Basic	Basic	Basic	Basic

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user

Communication skills

Good communication skills acquired during my experience of teaching and as a speaker in seminars, workshops, conferences and congresses

Organisational / managerial skills

Experience in coordination of activities acquired in the post of technical director of national and international projects
 Organizational skills and planning work tasks as Director of Laboratory

Job-related skills Design capacity of European, national and regional projects
Reference to scientific articles
Good capacity for fieldwork

Digital competence

- Use of office software
- Certified examiner ECDL (European Computer Driving Licence) Specialized GIS, April 2008
- Certified examiner ECDL (European Computer Driving Licence) Specialized CAD, July 2008
- AutoCAD, ArcGIS, QGIS, ...
- Use of programming tools (Visual Basic, Fortran...)

Other skills The main fields of scientific interest can be here synthesized:

- Studies on photogrammetry and non cartographic photogrammetrical applications:
 - Studies on non conventional photogrammetrical instrumentations; on image registration procedures and production of digital orthophoto.
- Experiences of architectural surveys:
 - Studies on architectural surveys by topographic instrumentations and by digital rectification of images;
 - Scientific advice in surveys of two important architectural complex: the Guarinian's chapel of S. Sindone in Turin and the monumental site Sacra di S. Michele, the symbol monument of Piemonte.
- Studies and applications on satellite geodesy:
 - Experiences on employ and limits of satellite instrumentations working in "pseudorange" mode and differential correction (technical employment, achievable accuracy, operational conditions);
 - Applications linked with hydraulic problematic.
- Digital cartography and Geographic Information Systems:
 - Studies on G.I.S. management at big and very big scale tightly connected with urban and environmental survey and city administration in specific fields (green areas, architectures' documentation);
 - Technical of map generalization, algorithm and routines processing with the aim of executing geometrical bases simplification in order to create synthesis maps, with experiences on Region Piemonte's digital cartography;
 - issues related to the standardization of cartographic information and participation in the activities of IntesaGIS project;
 - Studies related to the production of Digital Elevation Models DEM;
 - Studies and applications relative to G.I.S. applications relatively at monumental and historical places;
 - studies and applications related to augmented reality and virtual tourism.
- Cadastral applications:
 - studies on the topics of conversions of reference systems in the field of cadastral mapping;
 - issues related to the cadastral updating.
- Remote sensing applications:
 - Analysis on marginal areas, on degraded or compromised terrains either by pollution or in flooded areas, with analysis on achievable metrical accuracy.

Scientific Responsible of LARTU (Laboratory of Analysis and Representations Territorial and Urban), Polytechnic and University of Turin, the center that provides support to research and teaching in the field of urban and regional analysis, planning, assessment 'environmental impact, use of GIS

Driving licence B

ADDITIONAL INFORMATION

Publications The full list of my publications is available at https://aperto.unito.it/browse?type=author&authority=rp19131&sort_by=2&order=DESC&rpp=20&etal=0&submit_browse=Aggiorna#.VX0uyE0w-Hs

Memberships

- from 2016 Expert Member CIPA (Comité International de la Photogrammétrie Architecturale)
- from 2016 Member of the Scientific Council of the CISAO (Interdepartmental Centre of Research and Technical and Scientific Cooperation with Africa)
- from 2010 Member of the Scientific Council of the Center *NatRisk*, (Interdepartmental Centre on natural hazards in mountain and hill), the center of theoretical, experimental and applied and dissemination in the field of forecasting, prevention and risk management of natural disasters in mountain environment and hilly

Carignano, march 2018

ING. GABRIELE GARNERO

A handwritten signature in black ink, appearing to read "Gabriele Garnero". The signature is written in a cursive style with a large, prominent initial 'G'.