

Riccardo Barzaghi CV

1982- degree with honors in Physics. **1987-** Ph. D. in Geodetic and Surveying Sciences. **1990-** Assistant Professor of in Surveying and Cartography at the Engineering Faculty of the Politecnico di Milano. **1991-** Chairman of the Special Study Group (SSG) 4.141 of IAG. **1992-** Associate professor at the Engineering Faculty of the University of Reggio Calabria. Participation to the European GEOMED project for the estimation of the Mediterranean geoid. **1994-** Moved to the Politecnico di Milano (associate professor-Faculty of Engineering). **1995-** Editor of the Journal of Geodesy. Member of the editorial board of the SIFET Bulletin. Member of the IAG SSG 4.1 70, 3.163, 3.167, fellow of the IAG. **1996-** Participation to the European project MANICORAL/AFRICAR. **1998 -** Scientific coordinator of a research unit COFIN98 of the Politecnico di Milano. Section VII Convenor-Inverse gravimetric and related problems, during the Second Joint Meeting of the International Gravity Commission and International Geoid Commission (Trieste). Chairman of the Geodesy Session during the GNGTS meeting, held in Rome. **1999 -** Editor del Journal of Geodesy during the period 1999-2002. Member of the SSG IAG 4.188 and 3.167. Teacher at the International School for the Determination and Use of the Geoid, held in Milano. **2000 -** Teacher at the International School for the Determination and Use of the Geoid, held at UTM, Johor (Malaysia). **2001 -** National scientific coordinator of a GNNT project. Co-Convenor of the G7 and SE5.02 session during the XXVI EGS meeting. **2002 -** Convenor of the Geodesy session during the GNGTS meeting. Scientific coordinator of a research unit COFIN2002 of the Politecnico di Milano **2003 -** Teacher at the International School for the Determination and Use of the Geoid, Aristotle University (Salonico). Convenor of the Geodesy session during the GNGTS annual meeting. Member of the Scientific committee of SIFET and ASITA. Full professor at the Politecnico di Milano. **2004 -** Scientific coordinator of a research unit COFIN2004 of the Politecnico di Milano. Participation to the European project named AlpsGPSQuakenet-INTERREG IIIB. **2005 -** Teacher at the International School for the Determination and Use of the Geoid, Budapest University of Technology and Economics (Hungary). **2006** Scientific coordinator of a research unit COFIN2006 of the Politecnico di Milano. **2007.** Scientific coordinator of a research unit in the framework of the ASI project named SISMA. Head of the International Geoid Service, an official IAG service. Vice-Dean of the 1st Engineering Faculty of the Politecnico di Milano. **2009 –** Vice-Director of the IAR Dept. at Politecnico di Milano. Co-convenor of the EGU General Assembly GD7/G21 session (Vienna, April, 19-24). **2010 -** Teacher at the International School for the Determination and Use of the Geoid, Saint Petersburg, at the Elektropribor Research Institute – Member of the IAG-GGOS Steering Committee. **2011 –** Member of the IAG Executive Committee for the 2011-2015 period. **2012 –** Co-convenor of the Session 4 “Advances in precise local and regional high-resolution geoid modeling” of the IAG GGHS meeting (Venice, October 9th-12th). Associate Editor for the 141 IAG Symposia volume. **2013 –** Chair of the International Gravity Field Service (IGFS), an official IAG Service. Teacher at the International IGeS School on “Heights and Datum Height” (7-11 October, Loja, Ecuador). Keynote speaker at the VIII Colóquio Brasileiro de Ciências Geodésicas (30 November-7 December, Curitiba, Brasil). **2014 –** Chair of the Scientific Organizing Committee of the 3rd International Gravity Field Service (IGFS) General Assembly (Shanghai, June 30th, July 6th). Associate Editor for the IAG Symposia volume of the IGFS Shanghai meeting. **2015 –** Member of the IAG Executive Committee and of the Coordinating Board of GGOS, IAG official bodies, for the 2016-2019 period. Associate Editor of Bollettino di Geofisica Teorica ed Applicata. **2016 -** Teacher at the International IGeS School on “Heights and Datum Height” (June 6-10, Ulaanbaatar, Mongolia). Member in the Scientific Organizing Committee of the 1st Joint Commission2 and IGFS Meeting-GGHS2016 (Thessaloniki, September 19-23).

Main research interests: Physical Geodesy, Satellite Geodesy, GPS networks for positioning and deformation analysis. He is author/co-author of more than 140 scientific papers.

In the last decade, he was responsible of contracts with Italian Regional Authorities for designing and establishing GPS networks. In the same period, he managed research contracts with ENI S.p.A. on gravity field estimation and gravity inversion based on GOCE mission data. He estimated the Italian geoid that is officially used in Italy for height transformation by IGM.