

CURRICULUM VITAE

Tatiana Ghizzoni

PERSONAL INFORMATION

Name Tatiana Ghizzoni
Nationality Italian
Date of Birth 7th September 1980
Civil Status Married, two children
Address Via Guido Rossa 13
City PietraLigure
Zip Code 17027
Province Savona
State Italy

Tel. +39 3396491903
E-Mail tghizzo@libero.it

WORK EXPERIENCE

May 2009 – June 2018 **Expert Hydrological Risks**

Corporate Underwriting – Geo Risks

Munich RE Company, Königinstraße 107, 80802 München, Germany

www.munichre.com

Business sector: Reinsurance

Main responsibilities and competences:

- Internal development of flood risk models to allow quantitative risk estimation for pricing and accumulation purposes
- Development and updates of the company platform used by the Underwriting Units for pricing natural risks.
- Participation and/or lead of Best Practice projects to support MR company in building up its own view on flood risk
- Support Underwriting Units to properly address flood risk for facultative and property risks
- Support Client Management Units to develop new business and/or products with focus on flood
- Managing/supporting external collaborations with research centers, consulting companies, Universities, Model Vendors or brokers

January 2009 – April 2009 **Research Fellow**

University of Genoa - DIST

Business sector: Research

Main responsibilities and competences:

- Assessing flooding hazard for insurance and reinsurance purposes

April 2005 – December 2005 **Research Fellow**

University of Genoa - CIMA

Business sector: Research

Main responsibilities and competences:

- forecasting and hydraulic risk management
- Real time operator for meteo-hydrological event monitoring
- Research activity in the field of load transport

EDUCATION

- January 2006 – December 2008 **Phd in Science and Technology Information for System Monitoring and Environmental Risk Assessment**
University of Genoa - CIMA
Research Topic: "Accumulation Risk Analysis for the flooding Hazard"
- June 2005 **Engineering Register Qualification Exam**
- September 2002 – December 2004 **Master Degree 110/110 with first class honours in Environmental Engineering – Natural and Industrial Risk Management**
University of Genoa
Thesis research topic: "Regional scale analysis of the altimetric stream network evolution"
- September 1999 – September 2002 **Bachelor Degree 110/110 with first class honours in Environmental Engineering**
University of Genoa
Thesis research topic: "Realizzazione di una nuova carta del Curve Number per la Regione Liguria"

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
German	C1	C1	B2	B2	B2

Computer Skills Matlab (expert user), ArcMap, Windows Office

Additional Skills Attitude to work in group, good communication skills, high flexibility and adaptation to reach goals under changing conditions

PUBLICATIONS

T.Ghizzoni, G.Roth, R.Rudari, Multisite flooding hazard assessment in the Upper Mississippi River – Journal of Hydrology, 412,101-113, 2012

T.Ghizzoni, G.Roth, R.Rudari, Multivariate skew-t approach to the design of accumulation risk scenarios for the flooding hazard – Advances in Water Resources, 33, 10, 1243-1255, 2010

T. Ghizzoni, F. Giannoni, G. Roth, R. Rudari. The role of observation uncertainty in the calibration of hydrologic rainfall-runoff models – Advances in Geosciences, European Geosciences Union, 12, 33-38, 2007

T. Ghizzoni, M. Lomazzi, G. Roth, and Rudari, R.: Regional scale analysis of the altimetric stream network evolution – Advances in Geosciences, European Geosciences Union, 7, 79-83, 2006.

- T.Ghizzoni, T. Ellenrieder, Multivariate flood risk assessment: reinsurance perspective, European Geophysical Union General Assembly Conference, 7-12 April, Vienna, 2013
- G.Roth, T.Tatiana, R.Rudardi, Accumulation risk assessment for the flooding hazard, European Geophysical Union General Assembly Conference, 2-7 May, Vienna, 2010
- M. Lomazzi, G. Roth, M. Bee, R. Benedetti, G. Espa, T. Ghizzoni, R. Rudari, A.C. Taramasso, C. Terpessi, Frequency assessment of spatially distributed generations of flood scenarios: an application on Italian territory, American Geophysical Union Fall Meeting, San Francisco, 14-18 December, 2009
- A.C. Taramasso, G. Roth, R. Rudari, M. Lomazzi, T. Ghizzoni, On the identification of flood prone areas from national scale territorial information: the case study of Italy, American Geophysical Union Fall Meeting, San Francisco, 14-18 December, 2009
- T. Ghizzoni, G. Roth, R.Rudari, A Copula Function Approach to Flood Scenario Analysis, 11th Plinius Conference on Mediterranean Storms, Barcelona, 7-10 September, 2009
- T. Ghizzoni, G. Roth, R.Rudari, Multivariate Analysis of Flood Events, 11th Plinius Conference on Mediterranean Storms, Barcelona, 7-10 September, 2009
- G. Roth, M. Bee, R. Benedetti, G. Espa, T. Ghizzoni, M. Lomazzi, R. Rudari, A.C. Taramasso, C. Terpessi, Spatially Distributed Flood Scenarios Simulation, IHP/IAHS Conference on the Role of Hydrology in Water Resources Management, Capri, Italy, 13-16 October, 2008
- M. Lomazzi, M. Bee, R. Benedetti, G. Espa, T. Ghizzoni, G. Roth, R. Rudari, A.C. Taramasso, C. Terpessi, A conditional probability approach to spatially distributed flood scenario simulation, European Geophysical Union Plinius Conference on Mediterranean Storms, Varenna, 10-13 September, PLINIUS9-A-00136, 2007
- T. Ghizzoni, M. Bee, R. Benedetti, G. Espa, M. Lomazzi, G. Roth, R. Rudari, A.C. Taramasso, C. Terpessi, On multivariate flood scenario simulations, International Union of Geodesy and Geophysics, XXIV General Assembly, Perugia, Italy, 2-13 July, HW2003-86, 2007
- T. Ghizzoni, F. Giannoni, G. Roth, R. Rudari, Assessing the potential accuracy of hydrologic rainfall-runoff models, – Geophysical Research Abstract, 9, EGU2007-A-08214, 2007
- T. Ghizzoni, F. Giannoni, G. Roth, R. Rudari, Potential accuracy and uncertainty in the hydrologic modeling of flood events, - European Geophysical Union 2nd Alexander von Humboldt Conference on the Role of the Geophysics in Natural Disaster Prevention, Lima, Peru, 05-09 Marzo AVH2-A-00132, 2007
- T. Ghizzoni, F. Giannoni, G. Roth, R. Rudari, Internal and external uncertainty in the calibration of hydrologic rainfall-runoff models – European Geophysical Union Plinius Conference on Mediterranean Storms and Extreme Events in an Era of Climate Change, Dead Sea, Israel, 17-20 October, PLINIUS8-A-00041, 2006
- T.Ghizzoni, F Giannoni, G Roth, R Rudari Taramasso A.C. and S.Traverso, Worst case identification and spatial severity assessment using a damage database, Geophysical Research Abstract, 8, NH9.06-1FR5P-0682, ISSN: 1029-7006, 2006
- T. Ghizzoni, F. Giannoni, G. Roth, R. Rudari, Hydrological Model Calibration: how much are we hampered by uncertain observations? Geophysical Research Abstract, 8, HS23/NP5.04-1FR3P-0164, ISSN: 1029-7006, 2006

T. Ghizzoni, M. Lomazzi, G. Roth, R. Rudari, Regional scale identification of erosion and deposition-prone reaches, *Geophysical Research Abstracts*, 8, HS46-1TH2P-0143, ISSN:1029-7006,2006

T. Ghizzoni, M. Lomazzi, G. Roth, R. Rudari, Regional scale analysis of the altimetric stream network evolution, *European Geophysical Union Plinius Conference on Mediterranean Storms*, Rethymnon, Crete, 5-7 October, PLC7-A-00001,2005.

Autorizzo il trattamento dei dati personali contenuti nel mio curriculum vitae in base art. 13 del D. Lgs. 196/2003.

PietraLigure, 31.05.2018.

Tatiana Ghizzoni