

PERSONAL
INFORMATION

Giovanni Porto

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Sex M | Date of birth 15/01/67 | Nationality Italian

WORK EXPERIENCE

from 1994

Member of the Professional Association of Geologists of Lombardy

from 2008 to 2016 he held the position of councilor at the Regional Order of Geologists of Lombardy, dealing with training and scientific dissemination in the field of reclamation and hydrogeology

from 2003

**Senior administrator and geologist
in Copernico srl (www.copernicon.it)**

deals with environmental remediation, in particular following the design and environmental modeling aspects;

promotes and coordinates a project for the realization of a sensor with MIP-SPR technology for the measurement of emerging compounds in water, in order to provide an innovative solution to the monitoring of contaminants in water, with measurements also in real time

Here are some more qualifying experiences:

- 2011-2019 - Assago (MI) - Generali Spa / Gallotti
MISE and groundwater reclamation following an accidental spill of 24,000 liters of MTBE near a motorway junction (Assago - MI). Design and Works Management of a reclamation system with a hydraulic barrier consisting of 5 wells and a recirculation well system.
- 2012-2019 - Trissino (VI) - Miteni Spa
Industrial area of approximately 68,000 square meters affected by extensive contamination of the PFC aquifer. Development of a characterization plan, Safety implementation and environmental remediation on soil, subsoil and groundwater matrices.
- 2008-2018 - Paderno Dugnano (MI) - Eco-Bat Spa
Drafting and execution of a hydrochemical groundwater monitoring plan by means of a continuous acquisition system (chemical-physical parameters), remote transmission and publication on on.line platform with protected access (FTP and Moniqa.it).
- 2007-2016 - Opera (MI) - Adorkem Technology Spa Bankruptcy
MISE intervention and reclamation of groundwater contaminated by anilines in a disused pharmaceutical industry, hydraulic barrier, on-site chemical oxidation and biosparging.

1996 - 2012

Environmental Technical Officer

at the Contaminated Site Remediation Office of the Province of Milan (now Cittamet Meaning in Milan)

- promotes and participates in the Regional Group of High Surveillance for the control of the Chemical Pole and the reclamation of the landfill "C" SISAS (Rodano-Pioltello chemical Pole). Today among the Sites of National Interest;
- implements an executive project for groundwater monitoring and identification of outbreaks of contamination in the territory of Monza and neighboring municipalities - (L.R. 62/85);
- I participate in the "Coordination Group for raising the groundwater level in the Milanese area" of the Province of Milan for the preliminary planning of the interventions.

- at the Office for Underground Waters, Water Resources Sector of the Province of Milan
- promotes and coordinates the "Nitrates in groundwater project" recognized as strategic by the Provincial Government.

EDUCATION

2009 **Frequented courses**

Specialization course "Responsibility for environmental damage, reclamation and insurability of environmental risks"
State University of Milan

2009 **Isotopic Hydrology Course "Application of isotopic techniques to the study, evaluation and protection of water resources"**

Institute of Geosciences and Georesources of the CNR, Pisa

2007 **"Applied Hydrogeology Weeks - Short Course in Thermogeology"**

ESI Italia srl

2006 **Course "Risk analysis for groundwater and human health with Risc4"**

ESI Italia srl

2002 **Course "Groundwater flow simulation and contaminant transport with the Groundwater Vistas program"**

ESI Italia srl

1992 **Degree in Geological Sciences**

State University of Milan

PERSONAL SKILLS

Native speaker Italian

Another language

COMPREHENSION		SPEAKING		WRITING
Listen	Reading	Interaction	Speaking skills	
Intermediate User	Intermediate User	Intermediate User	Intermediate User	Intermediate User

Levels: A1 / A2: Basic user - B1 / B2: Intermediate user - C1 / C2: Advanced user
Common European Framework of Reference for Languages

Communication skills

- I have good communication skills

Organizational and management skills

- leadership (attualmente responsabile di un team di 6 persone)

Professional skills

- I collaborate with Universities and other research subjects for the study and development of new groundwater treatment systems and monitoring of contaminants, both in the liquid and gas phases
- I promote and coordinate the construction of a platform for the dissemination of environmental data: www.moniqa.it
- I participated, as part consultant, in various legal proceedings for the verification of responsibilities in the environmental field

Digital competence

SELF EVALUATION				
Information processing	Communication	Content Creation	Safety	Problem solving
Intermediate user	Intermediate user	Intermediate user	Intermediate user	Intermediate user

Specific computer skills:

risk analysis software: Giuditta, ROME, RBCA Tool Kit, RISC

spatial data management and processing software: Surfer, Mapinfo, ArcGis, QGIS

ModFlow, MT3D and ModPath groundwater modeling codes with Vistas GroundWater interface

OTHER INFORMATIONS

Publications

- A highly effective technology for the treatment of PFAS in groundwater: laboratory tests and first real applications - G. Porto, A. Biasiolo, M. Carboni, P. Gorla (Sicon 2018 - Taormina)
- Optical chemical fiber sensor for the detection of perfluorinated compounds in water - N. Cennamo, L. Zeni, G. D'Agostino, G. Porto, A. Biasiolo (2017)
- Treatment of groundwater contaminated by aniline and its derivatives through an integrated approach: ISCO and Biosparging - G. Porto, F. Oltolini, M. Carboni, P. Gorla (Sicon 2016 - Brescia)
- Study of soil-atmosphere interactions for the definition of a monitoring protocol for volatile compounds: the case of mercury - G. Porto, D. Casabianca (Remtech 2015 - Ferrara)
- "What does it mean to manage, plan, plan to improve the state of underground water resources?" - Panta Rei - Environmental information magazine, promotion of the Territory and landscape protection
- Soil protection implementation - G. Porto, V. Giovine - IMPEL Milan - October 2015 - Bergamo 01-2016
- Soil protection implementation from the point of view of supporting enterprises - G. Porto, V. Giovine - IMPEL Milan - October 2015
- Experimentation of the micro-meteorological technique for the characterization of mercury gas emissions - authors: Favaron, Porto, Di Guardo, Morosini ... and others (SICON 2014 - Brescia)
- Integral approach for the characterization and remediation of groundwater contaminated by MTBE - 2014 Authors: T. Marangoni, G. Porto, A. Biasiolo, D. Cremonesi, D. Montesi, F. Oltolini - (SICON 2014 - Brescia)
- "A model to predict the fairness of chemicals in the soil / air / water system: development and evaluation of the effectiveness of in-situ treatment after a diesel spill" - 2011 authors: A. Biasiolo, M. Morselli, D. Ghirardello, A. Di Guardo - SETAC ACTS 2011
- "BIODEGRADATION OF N, N DIETHYLANILINE IN A CONTAMINATED AQUIFER: LAB- AND FIELD- SCALE EVIDENCES" - 2009 authors: G. Bestetti; I. Gandolfi, A. Franzetti UNIMIB - A. Biasiolo, G. Porto, F. Oltolini Cons. COPERNICUS - rev. Biodegradation - Springer Ed.
- "PIT NITRATE PROJECT Identification of the origin of nitrate contamination in groundwater in the Province of Milan through the execution of hydrochemical and isotopic analyzes". ARPA EMR, ARPA LOMBARDIA, PROVINCE OF MILAN. Authors: Porto, Martinelli, Dadomo, Carraro et al. "Isotopic prospection in high vulnerability area of the Milan Province (Northern Italy)" published in the proceedings of the IAH Congress (Groundwater and Ecosystems. Lisbon 17-21 Sept. 2007). Authors: Porto G., Martinelli G., Arduini C., et al).
- "Project for the safety and modeling of groundwater in a polluted site in the town of Portogruaro" G. Porto, A. Biasiolo, R. Dell'Acquila (Proceedings of the Geofluid conference, Piacenza 2004)
- "A geodetic network of framing for the Province of Milan aimed at the piezometric survey of groundwater." G. Porto, G. Rosti, R. Barzaghi, A. Borghi, L. Pinto (ACTS - 4th ASITA National Conference - Genoa, October 2000)
- "Some experiences on the use of GIS in the field of infrastructure management, emerged during a FSE vocational training course, held in 1999/2000 in Busto Arsizio" G. Porto, L. Colombo (ACTS - 4th ASITA National Conference - Genoa, October 2000)
- "GIS applications in geological-environmental analysis to support municipal planning" - G. Porto, L. Sacchi, C. Porto (ACTS - 3rd ASITA National Conference - Naples, November 1999)
- "Protection and recovery of groundwater and soil quality in the province of Milan" - G. Porto, F. Facchino, G. Rosti, P. Valentini, A. Zelioli (Proceedings of the conference Geofluid, Piacenza 1998)
- "Georeferencing of computerized environmental archives based on personal data" - G. Porto, G. Rosti, F. Facchino, P. Valentini, R. Cantore (ACTS - 2nd ASITA National Conference - Bolzano, November 1998)
- "Computerized archive of degraded areas and subjected to investigation / environmental reclamation" - G. Porto, G. Rosti, P. Valentini, R. Cantore (Proceedings of the Conference "The drinking water in the city of Milan" 2nd edition - October 1998)
- "New tools for safeguarding underground water resources through the development of an Integrated Hydrogeological Information System Idro.ISI" - G. Porto, A. Zelioli (Proceedings of the conference "Remediation of contaminated sites theory and practice of risk analysis in Italian context "March 1998)

Personal data

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n. 196 "Code regarding the protection of personal data"