



Dr. Marco Foi *simplified curriculum*

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Academic Formation

- **Ph.D. in Environmental Sciences:** Methodologies for digital field data acquisition aimed at 3D modeling of subsurface geology - Università degli Studi di Urbino.
- **M.Sc. in Earth Sciences:** Evaluation by digital image analysis of degradation in concrete - Università degli Studi di Milano (score 110 over 110)

Certifications

- "GIS Certificate – Examiner" endorsed by the ECDL Foundation (granted Nov.2008)

Private Formation and Courses

- Google Maps mash up creation. 2 days. Giscience – Fano 2009
- Design and development of GIS software applications with VBA/ArcObject. 5 days. Giscience – Fano, 2008
- Building the GeoDatabase. 5dd. ESRI – Rome, 2007
- Introduction to the ArcGIS System. 3 days. Agricultural School of the Monza's Park, 2007
- TISIT: Information Technologies for the Territorial Information Systems. 40h. Politecnico di Milano – Milan, 2007
- Introduction to programming ArcObjects with VBA. 5 days. ESRI – Rome, 2006
- Installation and configuration of Linux Operating Systems. 80 hours. Center for Professional Formation "A. Grandi" – Milan, 2006
- Summer course on WebGIS development with Mapserver. 5 days. Center for GeoTechnologies – San Giovanni Valdarno, 2006

Professional experience

from 2004 to 2011: GIS Technician and Information Technology Engineer at the Earth Science Department of the University of Milan.

in 2004: "Globo Service": environmental remediation.

from 1999 to 2003: "Adelante Dolmen": Web Farm and Assistance Centre on IT Equipment

General IT an GIS related knowledge

- Mobile application development for Android portable devices with Java/Eclipse.
- Developing tools/extensions for the ArcGIS environment using VBA/ArcObjects.
- Design, implementation and management of MySQL, PostgreSQL, MSAccess and Oracle XE databases.
- Geospatial data management / process automation within ESRI Geodatabases with SQL, VBA, Avenue, Python and Model Builder.
- Geographic mashups with Google Maps APIs and JQuery/Jquery UI.
- Web development with HTML – Php – Asp – Aspx – Css – Javascript.
- Customization of WebGIS GUIs (Pmapper, CartoWeb3, KaMap) and Php/MapScript coding.
- Development of ArcPad custom acquisition forms and data structures using VBS.
- Network administration of Windows 2003 Server and Active Directory.
- Debian Linux system administration and services configuration.

Languages

English: **IELTS™** Overall band score of **8.0** (minimum score 7.5); "Very Good User".