



**Europass
Curriculum Vitae**



Personal information

First name(s) / Surname(s) **Dr. Isabella Nardini**
Address(es) Via Renato Fucini 25, Ghezzano 56017, San Giuliano Terme (PI), I
E-mail sbll.nardini@gmail.com
Nationality Italian
Date of birth, Gender 30/05/1973, Female

Actual position

Dates 2017- today
Occupation or position held CORE – Coordinating Officer of International Research and Education and Project Manager
Name of employer **International Geothermal Centre (GZB), Bochum, DE**
Type of business or sector Geothermal Energy

Work experience

Dates 2014 - 2017
Occupation or position held Researcher
Principal subjects/occupational skills covered IMAGE - Integrated Methods for Advanced Geothermal Exploration
Fluid geochemistry, fluid-rock interaction processes for geothermal fields, HT-HP tracer development and testing for geothermal fluids in supercritical conditions. EU Project, FP7.
Name of employer **CNR – National Research Council, Pisa, I**
Type of business or sector Geothermal Energy
Dates 2013 - 2014
Occupation or position held Researcher
Principal subjects/occupational skills covered Activities for Geothermal ERA-NET, the European Cooperation with the aim to integrate national research and development agendas into a coherent European geothermal R&D program.
Name of employer **CNR – National Research Council, Pisa, I**
Type of business or sector Geothermal Energy
Dates 2011-2013
Principal subjects/occupational skills covered Researcher and Scientific Secretary to the Technical Committee of the Regional Government for the Mt. Amiata Geothermal System.
Principal subjects/occupational skills covered Fluid geochemistry applied the Italian Geothermal Systems: environmental aspects. Geochemistry of high enthalpy fluids and fluid-rock interaction processes. Dissemination and training.
Name of employer **CoSViG SRL – Consortium for the Development of Geothermal Areas, Larderello, I**

Type of business or sector | Geothermal Energy

Dates | 2007-2011

Occupation or position held | Researcher

Principal subjects/occupational skills covered | Fluid geochemistry applied geothermal resources. Geochemistry of high enthalpy fluids and fluid-rock interaction processes. Dissemination and training.

Name of employer | **Centre of Excellence for Geothermal Energy – Larderello. CNR Unit.**

Type of business or sector | Geothermal Energy

Dates | 2006-2007

Title of qualification awarded | **Specialization as Environmental Technician.**

Principal subjects/occupational skills covered | Normative and Technical Aspects applied to Environment.

Name and type of organisation providing education and training | **Supported by Regional and Local Government**

Dates | 2003-2006

Title of qualification awarded | **European Postdoctoral Research Fellowship.**

Principal subjects/occupational skills covered | European Project FP6. ERUPT: Understanding the eruption processes and timescales for Stromboli Volcano integrating innovative microanalytical methods and image analysis.

Name and type of organisation providing education and training | Dept. of Earth Sciences, University of Florence (I) and Dept. of Earth Sciences, Durham University (UK).

Dates | 2000-2004

Title of qualification awarded | **Ph.D. in Geochemistry and Petrology.**

Principal subjects/occupational skills covered | Title of Thesis: New constraints for the tectono-magmatic framework of the West Antarctic Rift System (WARS): geochemical, isotopic and geochronological perspectives (Supervisor: Prof. P. Armienti). This work was financially supported by the National Research Program on Antarctic Science (PNRA-ENEA).

Name and type of organisation providing education and training | Dept. of Earth Sciences, University of Pisa, I.

Dates | 1992-1999

Title of qualification awarded | **BS and MS degrees in Earth Sciences.**

Principal subjects/occupational skills covered | Title of Thesis: Geochemical and geochronological determinations on Daniell Peninsula volcanics, Victoria Land (Antarctica). The work was financially supported by the National Research Program on Antarctic Science (PNRA-ENEA).
I spent two years, 1995-1996 and 1997-1998, respectively for studying and training in the Noble Gas Lab at Dept. of Earth Sciences, University of Manchester.

Name and type of organisation providing education and training | Dept. of Earth Sciences, University of Pisa (I) and Dept. of Earth Sciences, University of Manchester (UK).

Personal skills and competences

Mother tongue(s) | **Italian**

Self-assessment
European level ()*

English

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	advanced	C1	advanced	C1	advanced	C1	advanced	C1	advanced

	Spanish	B1	intermediate	B1	intermediate	A1	basic	A1	basic	A1	basic
Social and organizational skills and competences		Extremely organised person, problem-solving attitude, responsibility, ability to establish and maintain good working relations with people of different backgrounds.									
Technical skills and competences		Environmental technician. Analytical methods: XRF, ICP-MS. In situ micro-analytical methods: EMPA-WDS, SEM-EDS, LAM-ICP-MS, thermometry, mass spectrometry (H, O, He Pb, Sr, Nd isotopes) and micro-drilling technique applied to mass spectrometry. ³⁹ Ar- ⁴⁰ Ar Dating.									
Computer skills and competences		Software used: Microsoft Office Pack, Autocad, vector graphics. Computing skills include: Data Sheet of Equipment, Flow Sheet and P&I (Processes & Instrumentations) of Chemical and Environmental Plants.									
Driving licence		Full driving licences for motorbikes (A) and cars (B).									
Additional information		<p>From 2009 to 2017 worked in the Management Team of the European Energy Research Alliance-Joint Programme on Geothermal Energy (EERA-JPGE). In 2014 Expert for the WG 'Geothermal Energy' - Energy Education and Training for the Strategic Energy Technology Plan (SET-Plan) of the European Commission.</p> <p>Author and co-author of more than 50 publications on national and international scientific journals and proceedings of conferences/workshop.</p> <p>Convenor at national and international conferences (i.e. EGU General Assembly since 2012 for the session – Deep geothermal energy – exploration, exploitation, characterisation and modelling). Coordinator of GESEP School 2018 on Environmental Drilling at International Geothermal Centre, Bochum University of Applied Science, Germany</p> <p>Experience as annual lecturer and lab teacher for the petrology course at the Dept. of Earth Sciences and for the computer applied to sciences course at the Dept. of Environmental Sciences at University of Pisa. In 2018 Lecturer of geochemistry and hydro-geochemistry at the International Geothermal Master Course at the International Geothermal Centre, Bochum University of Applied Science, Germany.</p>									