



## Curriculum Vitae Europass



### Personal information

Name **Fiesoletti Federica**  
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Nationality Italian  
Data of birth 28<sup>th</sup> November 1977  
Gender female

### Desired employment / Occupational field

Environmental Consultant / Researcher

### Work experience

#### Dates **May 2007 - now**

Occupation or position held Technician / Senior Researcher working in environmental issues  
Permanent contract

Main activities and responsibilities Projects planning, coordination and management (environmental characterization plans, environmental monitoring, environmental impact assessment, integrated management systems).  
Promotion, design and execution of studies and research on environmental issues; promotion and enhancement of the company's scientific activities.  
Data processing and interpretation, editing of technical reports and scientific publications, bibliographic research, new issues approach.  
Chemical and biological risk evaluation.  
Sampling activity coordination and management, definition and coordination of operational planning.  
Attendance at national and international congresses and research projects. Scientific and technical reference of research projects

Name and address of employer Gruppo C.S.A. S.p.A. - Istituto di Ricerca, 22, Al Torrente, 47900 Rimini (RN)

Type of business or sector Projects and Services Unit, Research and Development. Environmental Science

#### Dates **October 2010**

Occupation or position held Thesis Co-supervisor. Geochemical and biological characterization of marine ecosystems. University "Ca' Foscari" of Venice

#### Dates **March 2006 – May 2007**

Occupation or position held Senior Researcher

Main activities and responsibilities Sampling activities, physical-chemical and chemical analysis of marine sediments and waters; data processing; editing of technical reports and scientific publications.  
Attendance at national and international conferences and research projects, international collaboration. In details, attendance at the FP6 research project CNR / EU COBO "*Integrating new technologies for the study of benthic ecosystem response to human activity: towards a Coastal Ocean Benthic Observatory.*" Sampling activities and physical-chemical and chemical analysis of marine sediments and waters carried out in Oban (Scotland) at the SAMS (Scottish Association for Marine Science).

Name and address of employer ISMAR-CNR (National research Council – Marine science Institute), 2, Largo Fiera della Pesca, 60125 Ancona (AN)

Type of business or sector Geochemistry: early diagenesis

#### Dates **January 2006 – February 2006**

Occupation or position held Lecturer

Main activities and responsibilities	Lecturing in mathematics and science
Name and address of employer	Middle School "Brigida", Cina, 86039 Termoli (CB)
Type of business or sector	Lecturer
<b>Dates</b>	<b>November 2005 – February 2006</b>
Occupation or position held	Consultant
Main activities and responsibilities	Environmental consulting, work health and safety, HACCP ( <i>Hazard Analysis and Critical Control Points</i> ), waste management
Name and address of employer	Chemical Laboratory "Lambda", S.P. Lungofino, Città Sant'Angelo (PE)
Type of business or sector	Environmental chemistry
<b>Dates</b>	<b>September 2002 – October 2005</b>
Occupation or position held	Junior Researcher
Main activities and responsibilities	Management of the coastal-marine monitoring by both fixed site (buoy) and vessel. Attendance to multidisciplinary oceanographic cruises in order to study chemical and biological characteristics of sediment and sea water (primary production). Use and management of instruments (probes, meteo-stations); physical-chemical and chemical analyses. Editing of technical reports and scientific publications. Attendance at national and international conferences and research projects. In details, attendance at the research project Nr.10 "C3 - <i>Integrated Procedures for the study of trophic processes and management of marine and activation platforms equipped for marine monitoring (PITAGEM)</i> "
Name and address of employer	ISMAR-CNR (National research Council – Marine Science Institute), 4, Pola, 71010 Lesina (FG); 101, Gobetti, 40129 Bologna (BO)
Type of business or sector	Oceanography, sedimentology, geochemistry
<b>Education and training</b>	
<b>Dates</b>	<b>2012</b>
Title of qualification awarded	Certificate of Work Safety Manager (Legislative Decree of the 9 <sup>th</sup> April 2008 nr. 81), by Assoform, Rimini
<b>Dates</b>	<b>2002-2005</b>
Title of qualification awarded	PhD Equivalence
Principal subjects/occupational skills covered	Integrated procedures for the study of trophic processes and management of marine and activation platforms equipped for marine monitoring
Name and type of organisation providing education and training	ISMAR-CNR (National research Council – Marine science Institute), 4, Pola, 71010 Lesina (FG)
<b>Dates</b>	<b>2004</b>
Title of qualification awarded	Post Degree School in "Restoration and Recovery of the landscape and coastal ecosystems"
Principal subjects/occupational skills covered	Environmental impact assessment, environmental studies, environmental recovery methods, oceanography, sedimentology, ecology, project management and planning, GIS (Geographic Information System)
Name and type of organisation providing education and training	Department of Ecology and Sustainable Economic Development (DECOS, Tuscia University) and National Institute for Environmental Forestry (INFA)
<b>Dates</b>	<b>2002</b>
Title of qualification awarded	Master Degree in Environmental Sciences, with focus in marine ecosystems, final grade 110/110 <i>cum laude</i>
Principal subjects/occupational skills covered	Chemical and biological oceanography, marine geology, applied marine ecology. Thesis on Chemical Oceanography
Name and type of organisation providing education and training	Environmental Science University of Urbino (PU)
<b>Dates</b>	<b>2001</b>
Title of qualification awarded	CMAS Scientific Diving Patent (I.S.S.D.) and Padi Advanced Patent
Principal subjects/occupational skills covered	Transects, visual detection, samples of benthos and hard bottom, sediment sampling
Name and type of organisation providing education and training	I.S.S.D. - <i>International School for Scientific Diving</i>

**Dates** 2001-2002

Title of qualification awarded 1 year internship thesis at the Centre for Environmental Biology, University of Urbino, Pesaro (PU)

**Dates** 2000-2001

Title of qualification awarded Erasmus scholarship at the University of Geological Sciences of Oviedo (Spain)

**Dates** 1998

Title of qualification awarded English course at the "English School" of Hastings (UK)

**Dates** 1996

Title of qualification awarded High School, Liceo Classico "G.D'Annunzio" of Pescara

**Membership of scientific societies**

**Member of Aisa "Italian Environmental Science Association"**

**Courses and workshops**

During my studies experience I attended several courses and seminars on the following topics ( with attendance certificate) :

- Work health and safety (by Gruppo CSA: chemical / carcinogenic and biological risk, personal protective equipment (PPE), work environment, microclimate, job stress, load handling , emergency, first aid , fire prevention , risk of injury , signs, etc.);
- System management (by Gruppo CSA);
- Statistics R ( by professor University "Ca ' Foscari", at Gruppo CSA);
- Data processing (by Ismar -CNR);
- Environmental planning and environmental models (by IN.FEA and LEA, Foggia );
- Environmental risk of chemical substances (by Agriculture University of Foggia);
- Biological Monitoring of the quality of surface water by using the Extended Biotic Index (by Agriculture University of Foggia );
- Carbon Cycle and Resources of the Sea (by CNR, Rome);
- ECOLMAS "Introductory Course on Marine Sciences" (by University of Bremen);
- Theory and practice of the multiparametric probe - Sea Bird (by Communication Technology, Cesena);
- GIS - Geographic Information System (by University of Urbino),
- Environmental Education and Communication (by the "Great Tree" of Pesaro);
- School on Tropical Ecology (by International School for Scientific Diving in Maldives)

**Personal skills and competences**

Mother tongue **italian**

Other languages **Spanish, English, French**

Self-assessment  
*European level (\*)*

**Spanish**

**English**

**Franch**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production		Written production	
<b>C2</b>	Autonomous	<b>C2</b>	Autonomous	<b>C1</b>	Autonomous	<b>C1</b>	Autonomous	<b>C1</b>	Autonomous
<b>B1</b>	Indipendent	<b>B2</b>	Indipendent	<b>B1</b>	Indipendent	<b>B2</b>	Indipendent	<b>B2</b>	Indipendent
<b>B1</b>	Indipendent	<b>B2</b>	Indipendent	<b>B1</b>	Indipendent	<b>B1</b>	Indipendent	<b>B1</b>	Indipendent

(\*) *Common European Framework of Reference for Languages*

Social skills and competences

Team work skills and work experiences in different professional fields. Communication skills, sociable, expressive.

Organizational skills and competences

Strong sense of initiative and responsibility. Coordination and organizational skills gained in different situations in various work experiences: planning, business planning, coordination and management, preliminary and executive phases

Technical skills and competences

Good skills in systems analysis and synthesis.  
Technical skills, acquired both in Public Research Bodies and in Private Companies, on Environmental Sciences issues: planning, coordination and management, study and research (environmental impact assessment, monitoring plans), data processing and elaboration, editing of technical reports and scientific publications, consulting on environmental issues, sampling activities

Computer skills and competences	<p>Good knowledge of Windows XP (Office Packages) and Internet          Good knowledge of graphical softwares (Gimp, photoshop, lightroom)          Good knowledge of data elaboration softwares: <i>ODV (Ocean Data View)</i> and <i>Surfer</i>          Good knowledge of statistical software (<i>Statistica</i>)          Base knowledge of G.I.S. - Geographic Information System (<i>ArcInfo, ArcView</i>) and AutoCAD</p>
Artistic skills and competences	<p><b>Photography (member of the “Photographic culture association” of Rimini – ACLI)</b>, theater, cinema</p>
Sport, Hobby	<p>Diving (PADI Advanced Patent; CMAS Scientific Diving Patent (I.S.S.D.)), skiing, swimming, sailing boat.</p>
Driving licence	<p>B</p>
<b>Main Research Projects</b>	<p><b>2012-2015: BIOCORIN</b> – “New Biocoating for corrosion inhibition in metal surfaces”. FP7 EU Project  <b>2012-2013: AOGRPSL</b> – “The Adriatic olive-grove. Enhancement of the products of the process of oil production”. InterregIII Project  <b>2012: Life Coast-Best</b> – “CO-ordinated Approach for Sediment Treatment and BEneficial reuse in Small harbours neTworks”, by Emilia-Romagna Region  <b>2010-2012: RISE</b> - “Sediment / water Incubation system to study benthic fluxes”. PRRIITT - Measure 3.1, Action A, Activity I.1.2. Scientific Responsible: Gruppo CSA S.p.A. with collaboration of ISMAR-CNR and Environment Protection Agency (ARPA) Daphne ER  <b>2010-2011: IEGAS</b> - Intercalibration circuit to determine particle size fractions. Scientific Responsible: University “Cà Foscari” of Venezia; Technical Reference: Gruppo C.S.A. S.p.A.  <b>2010-2011: GEOTRACES</b> – “International Studies of Biogeochemical Cycles of Trace Elements and their Isotopes”. Scor – Oceanic Committee on oceanic research  <b>2009-2010: QSEV</b> – “Sediment quality of the Venice Lagoon”. ISMAR-CNR, Magistrato alle Acque, Consorzio Venezia Nuova.  <b>2006: VECTOR</b> “Vulnerability of Coastal and marine ecosystems to climate change and their role in the Mediterranean carbon cycles”, FIRST project, strategic programme “Sustainable development and climatic changes”. Carbon benthic fluxes. Scientific Responsible: CNR-ISMAR of Bologna.  <b>2006: COBO</b> – “Integrating new technologies for the study of benthic ecosystem response to human activity: towards a Coastal Ocean Benthic Observatory”. FP6 on the development of new technologies to study benthic ecosystem response to human activities. Scientific Responsible: SAMS, Scotland.  <b>2005: CIPE</b> – “Characterization of river deposits in the coastal area between Rhine and Po”. Scientific direction CNR-ISMAR of Bologna.  <b>2005: ENI Sealine</b> – “Study of the seabed and environmental analysis”. Scientific Responsible: CNR-ISMAR of Bologna.  <b>2002-2005: PITAGEM</b> – “Integrated procedures to study trophic processes and management of marine platforms equipped for marine monitoring”. CLUSTER 10 “Enhancement of Research Networks in Depressed Areas”, financed by MIUR, under scientific supervision of CNR-ISMAR of Lesina.  <b>2004: SAM</b> – “Creation and management of an integrated network of coastal platforms and mobile vehicle equipped for Advanced Systems Monitoring”. CLUSTER 10 “Enhancement of Research Networks in Depressed Areas”, financed by MIUR, under scientific supervision of CNR-IAMC of Messina.</p>

## Main Oceanographic Cruises

**2011:** Oceanographic Cruise on the R/V "Dalla Porta" carried out in the north-central Adriatic Sea to study benthic fluxes at the water / sediment interface and incubation experiments for the validation of a prototype of incubation.

**2006:** Oceanographic Cruise on the R/V " Urania " carried out in the Lower / Middle Adriatic Sea and in the Northern Ionian Sea to study benthic fluxes at the water / sediment interface. Samples management, interstitial water sampling in an inert atmosphere, chemical analysis.

**2004:** Oceanographic Cruise on the R/V " Urania " carried out in the Southern Tyrrhenian Sea and in the Northern Ionian Sea to study physical, chemical and biological upwelling area of the Strait of Messina and its influence on neighboring basins within the SAM project.

Vertical CTD profiles, water sampling for nutrients, chlorophyll, O<sub>2</sub>, POC , DOC analysis and primary production measurements.

**2004:** Oceanographic Cruise on MN " Dallaporta " carried out in the Gulf of Manfredonia to collect sediment samples (using benthic rooms, corer, box corer) and water samples. Samples were analyzed to study biogeochemical survey, as part of the PITAGEM project.

**2002:** Oceanographic Cruise on the R/V " Urania " carried out in the Gulf of Manfredonia to collect water samples. Samples were analyzed to study the trophic processes, as part of the PITAGEM project.

Vertical CTD profiles, water sampling for nutrients, chlorophyll, O<sub>2</sub>, POC analysis of and primary production measurements.

**2002:** Oceanographic Cruise on MN "Thetis" carried out in the Gulf of Manfredonia to collect water samples. Samples were analyzed to study trophic processes, as part of the PITAGEM project.

Vertical CTD profiles, water sampling for nutrients, chlorophyll, O<sub>2</sub>, POC analysis of and primary production measurements.

**2002:** Scientific Cruise performed in Maldives and organized by I.S.S.D. (*International School for Scientific Diving*), based on sedimentological study of the seabed and on the death and rebirth of coral bleaching. School on tropical ecology.

## Main Publications

- **National Publication:**

- 1) F. Fiesoletti, 2003. Mucillagine. Oceanografia ed Ecosistemi Marini, edito da ASsociazione Italiana Ambientale - Aisa/Arte Settima, Parma. Il: 141-157.
- 2) F. Spagnoli, F. Fiesoletti, A. Specchiulli, G. Bartholini, A. Conversi, 2004. Indagine preliminare dello stato trofico del Golfo di Manfredonia - Adriatico Meridionale. *Biol. Mar. Medit.*, 11 (2): 534-538.
- 3) A. Specchiulli, F. Spagnoli, F. Fiesoletti, G. Bartholini, 2005. Nutrienti e parametri chimico-fisici nel golfo di Manfredonia - Adriatico meridionale. *Biol. Mar. Medit.*, 12 (1): 717-723.
- 4) F. Fiesoletti, A. Specchiulli, F. Spagnoli, M. Galletta, F. Raffa, F. Decembrini, 2005. Caratteristiche fisico-chimiche, chimiche e biologiche delle acque nel golfo di Manfredonia (Adriatico Meridionale). *Biol. Mar. Medit.*, 12 (1): 445-449.
- 5) G. Matteucci, C. Bargossi, F. Fiesoletti, E. Pari, P. Rossini, M. Ravaoli, P. Focaccia, S. Albertazzi. Elementi redox-sensibili che identificano eventi anossici in Adriatico. *Acqua & Aria*, 2011, 2: 28-34.
- 6) Matteucci G., Tentoni P., Fiesoletti F., Rossini P., Briani M., Cerni S., Bucci G., Mengucci L. Olio extravergine di oliva in Provincia di Rimini. Strutture, tecnologie estrattive, quantità e tipologia di olio e dei sottoprodotti del settore olivicolo. Provincia di Rimini, aprile 2013.
- 7) Matteucci G., Tentoni P., Fiesoletti F., Rossini P., Briani M., Cerni S., Bucci G., Mengucci L. Olio extravergine di oliva in Provincia di Rimini. Analisi di sostenibilità e valutazione comparativa delle migliori tecnologie per la valorizzazione dei sottoprodotti olivicoli. Provincia di Rimini, aprile 2013.

- **International Publication:**

- 1) F. Spagnoli, G. Bartholini, M. Marini, P. Giordano, D. McCorkle, F. Fiesoletti, A. Specchiulli, 2004. Early diagenesis and benthic fluxes in Manfredonia Gulf (Southern Adriatic Sea). *Geochimica et Cosmochimica Acta Pergamon Press*, 68, 11: 348. ISSN: 0016-7037.
- 2) Spagnoli, F., Bartholini, G., Marini, M., Giordano, P., Specchiulli, A., Fiesoletti, F., 2005. Biogenic matter diagenesis in sediments of the Gulf of Manfredonia (Southern Adriatic Sea), *Materials and Geoenvironment*, RMZ-M&G Vol. 52, no. 1, pp. 342. ISSN 1408-7073.
- 3) Spagnoli, F., Bartholini, G., Dinelli, E., Specchiulli, A., Fiesoletti, F., 2005. Geochemistry and particle size of surface sediments from the Gulf of Manfredonia (southern Adriatic Sea), *Materials and Geoenvironment*, RMZ-M&G Vol. 52, no. 1, pp. 343. ISSN 1408-7073.
- 4) F. Fiesoletti, A. Specchiulli, F. Spagnoli and G. Zappalà, 2005. A new near time monitoring network in the Gulf of Manfredonia – Southern Adriatic Sea. In *European Operational Oceanography: Present and Future*. Dahlin H., Flemming N. C., Marchand P., Petersson S.E. (editors). Luxembourg: Office for Official Publications of the European Communities, 2005 – XVI pp., 788-792.
- 5) F. Fiesoletti, F. Spagnoli, A. Specchiulli, 2008. Coastal monitoring programme in the Gulf of Manfredonia (Southern Adriatic Sea): preliminary results. In: *Maritime Industry, Ocean Engineering and Coastal Resources*, Guedes Soares & Kolev (eds), Taylor & Francis Group, London, 721-728.
- 6) S. Focardi, A. Specchiulli, F. Spagnoli, F. Fiesoletti and C. Rossi, 2009. A combined approach to investigate the biochemistry and hydrography of a shallow bay in the South Adriatic Sea: the Gulf of Manfredonia (Italy). *Environmental Monitoring and Assessment*, Volume 153, Numbers 1-4, 209-220, DOI: 10.1007/s10661-008-0350-2.
- 7) G. Matteucci, M. Magagnini, M. Armeni, L. Giaccaglia, F. Fiesoletti, C. Ciotti, P. Pari, S. Riccio, P. Rossini, P. Ambrosini, E. Buongarzone, L. Patata, L. Trovarelli and P. Tentoni. Ecological Assessment of a Marine Coastal Area Affected by a Power Plant Water Discharge (Brindisi, Adriatic Sea). *TOEBMJ - The Open Environmental & Biological Monitoring Journal*, 2011, 4: 45-56.
- 8) P. Rossini, E. Molinaroli, G. De Falco, F. Fiesoletti, S. Papa, E. Pari, A. Renzulli, P. Tentoni, A. Testoni, L. Valentini, G. Matteucci. April-May 2010 Eyjafjallajökull volcanic fallout over Rimini, Italy. *Atmospheric Environment* 48: 122-128, 2012.
- 9) G. Matteucci, F. Fiesoletti, P. Rossini, 2013. Using biogeochemical markers to assess environmental effects of shore-parallel breakwaters on a coastal area affected by mass tourism (Rimini, Italy). *Water, Air, & Soil Pollution*, 1:224-1384, pp.1-15. DOI 10.1007/s11270-012-1384-1.
- 10) G. Matteucci, F. Fiesoletti, A. Testoni, C.R. Ferrari, R. Medici, P. Tentoni, 2013. Coastal marine environment dynamic simulation in controlled microcosms: the case study of Emilia-Romagna urbanized coast. Conference Proceeding: SedNet - Innovative Sediment Management, Lisbon, Portugal, Volume 8: 82.

**VV.AA. cruise reports and technical reports**

**VV.AA. oral communications and posters presented in national and International congresses (proceedings of scientific conferences, Abstract book)**

**Grey literature**

**For more details, please see:**

[http://scholar.google.it/citations?hl=it&user=MwwkNQ4AAAAJ&view\\_op=list\\_works&pagesize=100](http://scholar.google.it/citations?hl=it&user=MwwkNQ4AAAAJ&view_op=list_works&pagesize=100)  
[https://www.researchgate.net/profile/Fiesoletti\\_Federica/?ev=hdr\\_xprf](https://www.researchgate.net/profile/Fiesoletti_Federica/?ev=hdr_xprf)

I authorise the use of my personal data according to Legislative Decree N°196/03

Rimini, 12<sup>th</sup> January 2014

Dr.ssa Federica Fiesoletti  
