



Europass
Curriculum Vitae

Personal information

First name(s) / Surname(s)

Home residence: address

Telephone(s)

E-mail

Nationality

Date and place of birth

Gender

Desired employment /
Occupational field

Elisa Bonazzi

Via Battindarno, 75 - 40133 Bologna (Italy)

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+39 329 8048860

elisa.bonazzi@gmail.com; ebonazzi@arpa.emr.it

Italian

04-12-1980, Bologna - ITALY

Female

Environmental economics and accounting

Work experience

Dates

Occupation or position held

Main activities and responsibilities

Name and address of employer

Type of business or sector

Dates

Occupation or position held

Main activities and responsibilities

Name and address of employer

Type of business or sector

Dates

Occupation or position held

Main activities and responsibilities

01/09/2008 →

RESEARCH FELLOW IN ENVIRONMENTAL ACCOUNTING AND ECONOMICS

Study and research on integrated environmental and economic indicators in support to regional planning: analysis of economic and environmental accounts; development of a regional environmental accounting matrix and related statistical analyses; studying possible application of regional accounting frameworks and economic assessments to integrate Strategic Environmental Assessment of regional plans and programmes; dissemination and publication of the results in national and international contexts.

Studying and writing on regional waste production and related economic indicators.

Specific environmental fields: air emissions, environmental taxes and regional wastes.

FACULTY OF AGRICULTURE (DIPROVAL), UNIVERSITY OF BOLOGNA in partnership with **ARPA EMILIA-ROMAGNA (Regional Environment Agency of Emilia-Romagna) TECHNICAL DIRECTION** – Bologna, Italy

Environmental accounting and economics

11/04/2008 – 09/07/2008

ENVIRONMENTAL ECONOMIST - JUNIOR CONSULTANT

Global Project on “Measuring Progress of the Societies” enhanced by the **Statistics Directorate of Organisation for Economic Co-operation and Development**. **Activities:** 1) assist in the preparation of a **new OECD Handbook on Measuring Progress** of the Societies 2) assist with preparation of the **African Regional Group** on Measuring and Fostering the Progress of Societies 3) assist with preparation of a **presentation on the Global Project for the “Stiglitz Commission”**, established by the French Parliament, to work on Measuring Progress and on **Statistics and Governance for the Lisbon Conference** in September

ORGANISATION FOR ECONOMIC CO-OPERATION AND DEVELOPMENT - OECD, Paris – France

Environmental and Social economics at the Statistics Directorate in co-operation with the "Structural Economics" Division

03/09/2007 - 31/03/2008

ENVIRONMENTAL ECONOMIST – JUNIOR CONSULTANT on regional environmental accounting and analysis of the interaction between environmental and economic Key Indicators

GROW: Project partly-financed by the European Union - 2005/2007 Interreg IIIC Ovest, for the joined action of Lisbona and Göteborg Agenda

RAMEA Project – Regionalized nAMEA-type matrix: **“National Accounting Matrix including Environmental Accounts”**(www.ramea.eu): carrying out a matrix that allows for each economic

sector to bridge statistically the economic indicators and the pressure placed on the environment by the sectors themselves. The regional elaboration has allowed to analyze the economy-environment interactions by means also of a regional input-output matrix; thus to be used as a decision support system in a sustainable development perspective to the settlement of development strategies.

Activities on RAMEA - "Elaboration of environmental and economic indicators integrated with Emilia-Romagna sectors": 1) analysis of **economic and environmental accounts**; 2) application of a **Shift Share mathematical model**; 3) comparison among the **environmental and economic performances** of the regional fields; 4) extension of the regional matrix to the environmental themes provided by Eurostat 5) writing reporting in **English and Italian** and **communication and divulgation** of the results at national and international level.

Other activities : **Analysis of the interaction between environmental and economic Indicators**" e.g. 1) about the regional waste management at the Regional Thematic centre 2) the transition from urban waste fee to an environmental rate: analysis of the operating costs and the targets of the new policy 3) economic analyses aimed at regional reports and at Environmental Strategic Evaluation of regional plans.

Name and address of employer

TECHNICAL DIRECTION at ARPA EMILIA-ROMAGNA – Bologna, Italy

Type of business or sector

Environmental Economics at Complex Environmental Evaluation Regional Thematic Centre (CTR EVA)

Dates

09/01/2006 - 08/07/2007

Occupation or position held
Main activities and responsibilities

IN CHARGE OF KEY PERFORMANCE INDICATORS AND REPORTING

Staff to technical Direction – Controller "networks"

Activities: 1) Mapping of business processes aiming at organizational analysis 2) KPI reporting aiming at regional and national environmental laws 3) Focus on the following environmental laws or regulations: ISO and EMAS, Environmental Quality, Quality of supplied public services.

Name and address of employer

HERA BOLOGNA S.R.L. (MULTI-UTILITY: HOLDING ENERGY ENVIRONMENT RESOURCES), BOLOGNA – Italy

Type of business or sector

"Planning and Control" Unit

Dates

12/09/2005 - 18/12/2005

Occupation or position held
Main activities and responsibilities

INTERNSHIP (to round off MASTER MEMA – UNIVERSITY BOCCONI)

Project Work: "Self-evaluation of the Planning and Control Process of Arpa Emilia-Romagna following Total Quality Management Models and definition of a set of connected indicators."

Activities: 1) definition of KPI, participation in the QUALITY AWARD Public Administrations 2005 (coordination editing Internal Self-evaluation Document); 2) technical collaboration to a Self-diagnosis of the Managing Committee (European Foundation for Quality Management model); 3) definition of strategies aiming at promoting enhancing the Corporate Social Responsibility.

Name and address of employer

ARPA EMILIA-ROMAGNA, GENERAL DIRECTION, BOLOGNA – Italy

Type of business or sector

Economist at "Institutional business, Planning and executive Control" Unit

Dates

07/07/2004 - 15/12/2004

Occupation or position held
Name and address of employer

In charge of recovering credits and management of extrajudicial contentious procedures

HERA COMM (HOLDING ENERGY ENVIRONMENT RESOURCES), BOLOGNA-Imola, Italy

Type of business or sector

"Trading and Business clients" Unit

Education and training

Dates

01/01/2009 →

Title of qualification awarded
Principal subjects

Ph.D. STUDENT in AGRICULTURAL ECONOMICS AND POLITICS

Environmental economics and environmental accounting: development and use of environmental accounting in supporting regional planning; studying and application of regional environmental accounting matrices in the context of studying new indicators to measure the progress of the region; economic assessments of environmental aspects of regional plans; publication and dissemination of the results.

Name and type of organisation providing education and training
Level in national or international classification

UNIVERSITY OF BOLOGNA – FACULTY OF AGRICULTURE (DIEAgra)

Dates

10/01/2006 - 23/11/2006

Title of qualification awarded

DISTANCE LEARNING IN GENERAL MANAGEMENT, financed by Hera Spa

Principal subjects / occupational skills covered	Marketing, Accountability control, Project management, General Management, Working groups <u>Final Thesis: "Granarolo Spa"</u>
Name and type of organisation providing education and training Level in national or international classification Dates	PROFINGEST MANAGEMENT SCHOOL (Alma Graduate School-University of Bologna) ISCED 5 08/01/2005 - 20/12/2005
Title of qualification awarded	MASTER OF SCIENCE DEGREE IN ENVIRONMENTAL ECONOMICS AND MANAGEMENT (MEMA) —thanks to a scholarship)
Principal subjects / occupational skills covered	Environmental Audit, Environmental Law, Environmental Economics, Management of the environment, Environmental Technology, Economy and Management of public environmental utilities, Local Sustainable Management, Institutions and governance of the environment, Environmental sector policies, Finance and environment, Environmental damages and insurances, Management of the relationship between companies and Institutions <u>Final Thesis: Internship and Project Work at "Arpa Emilia-Romagna"</u>
Name and type of organisation providing education and training Level in national or international classification Dates	UNIVERSITÀ COMMERCIALE "LUIGI BOCCONI", Milano - Italy ISCED 5 01/09/2004 - 30/09/2004
Title of qualification awarded	Graduate Summer School on International Cooperation and Sustainable Development Policies
Principal subjects / occupational skills covered	Sustainable development and European farm policy (in English)
Name and type of organisation providing education and training	UNIVERSITY of BOLOGNA, Faculty of Agriculture – DEIAgra, Porretta Terme (BO)
Dates	01/10/1999 - 30/03/2004
Title of qualification awarded	MASTER'S DEGREE IN ECONOMICS
Principal subjects / occupational skills covered	Economic Policy, International Economics, Monetary Economics, Mathematics, Statistics I and II, Econometrics, Macroeconomics, Microeconomics, Business Finance, Science of Finances, Industrial Economics, Private Law, Public Law, Trading Law, Insurance Law, Financial Mathematics, National Accounting, Business Economics, History of economic philosophy, Economic History, Economic analysis of the Law, Accounting, Study of Commodities, English and Informatics qualifying examinations.
	Final Result: 109/110 (First Class Degree)
	<u>Final Thesis in Microeconomics and Environmental Economics: Estimation of benefits of the plans of protection from flooding: the case studies of Mirandola and San Felice sul Panaro (Modena).</u>
Name and type of organisation providing education and training Level in national or international classification Dates	UNIVERSITY of BOLOGNA, FACULTY of Economics, Bologna - Italy ISCED 5 10/09/1994 - 08/07/1999
Title of qualification awarded	SCHOOL-LEAVING SCIENTIFIC CERTIFICATE
Principal subjects / occupational skills covered	Mathematics, Science, Chemistry, Astronomy, Physics, Latin, Italian, English, Italian and English literature, History and Philosophy, Art history, Gymnastics
Name and type of organisation providing education and training Level in national or international classification	SECONDARY HIGH SCHOOL WITH AN EMPHASIS ON SCIENCE "AUGUSTO RIGHI", Bologna - Italy ISCED 3A
Personal skills and competences	

<p>Self assessment</p> <p>English</p> <p>French</p>	<p>Understanding</p> <p>Listening Reading</p> <p>C1 C2</p> <p>B1 B2</p> <p>Speaking</p> <p>Spoken interaction Spoken prod.</p> <p>C1 C1</p> <p>A2 A2</p>
<p>Social skills and competences</p>	<p>I have worked for four months at the OECD in English and French.</p> <p>Advanced Course at Johns Hopkins' friends University, (Bologna 2002); I stayed with a family in U.K. (1995) and IRL (1998). Private lessons with a native teacher (2004). 18 hrs of conversation with native teachers at Anglo-American School, Bologna (2008 and 2009)</p> <p>During the Secondary School I have engaged my self in activities (like Comparative Literature, Informatics, working groups aimed at lectures about literary matters) that involved my ability to socialize and interact with people (even allophone or coming from different cultures and experiences). I was partner with some Associations: "CIRF" (Italian Centre for River basin Requalification), AICQ E-R (Italian Cultural Quality Association of Emilia-Romagna - "The Environment" thematic group), a reading cultural association named La Bottega dell' Elefante. Since I was 19 I have taught Italian language to allophone people aimed at social-working integration, at the International Voluntary Association (V.I.D.E.S.).</p>
<p>Organisational skills and competences</p>	<p>Since 2004 I have carried out the coordination of voluntary associations of my district, thanks to a role in a town council. This activity, a plenty of working groups during my educational path and similar experiences have enabled me to gain quickly competences and to develop good organizational and leadership abilities.</p>
<p>Master's Degree Thesis</p>	<p>The Master's Degree in Economics allowed me to acquire the tools to make analysis of the economic local and international fabric and evaluation of the environmental impacts. My Thesis was carried out in collaboration with the two Town Councils, the Association for the Reclamation of Burana, the city-owned water and gas Company of the Province of Modena (AIMAG) and the Department of Environmental Engineering of the University of Bologna. The experimental aspect considered of research in the field, with relative statistics elaborations, by means of surveys of laypeople and entrepreneurs (by means of "CONTINGENT VALUATION"); I began to approach sustainable management of the environment, beginning to get experience on Cost-Benefit Analysis.</p>
<p>Computer skills and competences</p>	<p>Very good knowledge of Office Packet, internet and e-mail, econometrics and trading programmes, and business management system (SAP).</p>
<p>Artistic skills and competences</p>	<p>I have played Piano for 8 years (classic music), since I was 8 years old.</p>
<p>Other skills and competences</p>	<p>I have played different sports: skiing, horse riding, competitive volleyball. Now I have been practising Tai Chi.</p>
<p>Driving licence(s)</p>	<p>B</p>
<p>Additional information</p>	<p>PUBLICATIONS</p> <p>AA.VV. Liber-text 2000: a great book made by students for students, BOLOGNA 2000-European Cultural town Review edited on multimedia system by <i>Scientific Secondary School Augusto Righi</i> 2006</p> <p>Banzi, M., Bonazzi, E: Total quality management e autovalutazione, l'esperienza di Arpa Emilia-Romagna <i>ArpaRivista – Bimestrial magazine of Regional Environment Agency of Emilia-Romagna (Arpa Emilia-Romagna) – N°6</i> November-December 2005.</p> <p>A.A. V.V. (2007) La gestione dei rifiuti in Emilia-Romagna – Report 2007 edited by Emilia-Romagna Region - General Direction of Environment, Ground and Coast Protection – and ARPA Emilia-Romagna – Thematic structure: Environmental Engineering.</p> <p>Scientific paper: Beyond GDP, Bruxelles 19-20th November 2007, published on line www.arpa.emr.it, December 2007</p> <p>Bonazzi, E., Sansoni, M. (2008). Evaluation of the level of Green House Gas emissions in Emilia- Romagna region: a statistical Shift Share analysis to develop the decision support systems <i>Valutazione Ambientale</i>. La rivista dell'associazione analisti ambientali: Edicom Edizioni. Anno VII - n° 13 giugno. pp. 18-25.</p> <p>Dosi, M., P., Bonazzi, E., Sansoni M. Progettare la sostenibilità nello sviluppo di un territorio: l'analisi shift share su aggregati economico-ambientali. XXIX CONFERENZA ITALIANA DI SCIENZE REGIONALI. Conference Proceedings. Bari, 24th-26th September: AISRE 2008.</p> <p>Bonazzi, E., Goralczyk, M., Sansoni, M., Stauvermann, P., J. (2008). RAMEA: A Decision Support System for Regional Sustainable Development. 14th Annual International Sustainable</p>

Development Research Conference. Conference Proceedings. New Delhi, 21th-23th September: AISDRC 2008.

AA.VV. (2008). **La gestione dei rifiuti in Emilia-Romagna – Report 08**. edited by Emilia-Romagna Region - General Direction of Environment, Ground and Coast Protection – and ARPA Emilia-Romagna Technical Direction.

Bonazzi, E. (2008). **Progetti in difesa dalle alluvioni: valutazione di benefici non di mercato tramite Valutazione Contingente. I casi di Mirandola e San Felice sul Panaro** *Valutazione Ambientale*. Rivista dell'Associazione Analisti Ambientali: Edicom Edizioni. VA/14 pp. 16-23

Bonazzi, E. (2009). **Emissioni di gas serra ed eco-efficienza: il vantaggio dell'Emilia-Romagna**. *ArpaRivista* n° 1/2009: Arpa Emilia-Romagna. pp. 48-49.

AA.VV. (2009). **Il Bilancio Ambientale negli Enti Locali. Linee guida**. Manuali e linee guida. 50/2009: ISPRA (National Environment Agency).

Tibaldi S., Mengoli M., Bonazzi E. **Arpa Emilia-Romagna e i bilanci ambientali: l'attività di supporto alla promozione della Contabilità Ambientale e il progetto RAMEA sullo sviluppo sostenibile regionale**. XI^a Conferenza Nazionale delle Agenzie Ambientali. Conference Proceedings. 1st-2nd April 2009: ISPRA pp. 215-226

Bonazzi, E., Sansoni, M., Setti, M., Cagnoli, P., Bontempi, S. (2009). **RAMEA, a shared environmental accounting tool to control and monitor regional environmental taxes**. Tenth Global Conference on Environmental Taxation. Conference Proceedings. p. 51. Lisbon, 23th-25th September: GCET2009.

AA.VV. (2009) **La gestione dei rifiuti in Emilia-Romagna – Report 09**. edited by Emilia-Romagna Region - General Direction of Environment, Ground and Coast Protection – and ARPA Emilia-Romagna Technical Direction.

AA.VV. (2009) **SVILUPPO DEL SISTEMA DI CONTABILITA' AMBIENTALE RAMEA PER LA REGIONE EMILIA-ROMAGNA**. Regional project edited by ARPA Emilia-Romagna, funded by Emilia-Romagna region.

Bonazzi, E. (2010). **Research on a regional environmental accounting matrix for Emilia-Romagna region. EXIOPOL Summer School, Fondazione Eni Enrico Mattei (FEEM)**. Conference Proceedings. San Servolo Island 11th-17th July.

Sansoni, M., Bonazzi, E., Goralczyk M., Stauvermann P. J. (2010). **RAMEA: how to support regional policies towards Sustainable Development**. *Sustainable Development*. Copyright © 2010 John Wiley & Sons Ltd and The European Research Press Ltd. 10.1002/sd pp 201-210

AA.VV. (2010). **La gestione dei rifiuti in Emilia-Romagna – Report 10**. edited by Emilia-Romagna Region - General Direction of Environment, Ground and Coast Protection – and ARPA Emilia-Romagna Technical Direction.

Bonazzi E., (2010). **Beyond GDP, new wellbeing indicators**. *Ecoscienza*. n° 2 Ottobre 2010 Anno I pp. 33-35

Bonazzi E., Sansoni M. (2010). **Accounting the environment, NAMEA and RAMEA matrices**. *Ecoscienza*. n° 2 Ottobre 2010 Anno I pp. 44-45.

AA.VV. **Hybrid Economic-Environmental Accounts**, Routledge Studies in Ecological Economics by Valeria Costantini, Massimiliano Mazzanti, Anna Montini [in press]

AA.VV. **'AGGIORNAMENTO DEL SISTEMA DI CONTABILITA' AMBIENTALE RAMEA PER LA REGIONE EMILIA-ROMAGNA'**. Regional project edited by ARPA Emilia-Romagna, funded by Emilia-Romagna region [in press]

Lectures, conferences and workshops

- Participation in the **Ecomondo Fair**: 'Forum Internazionale Ambiente e Energia. Risorse e scelte: i nostri comuni futuri' and 'Adattamento ai cambiamenti climatici: nuove professioni ed opportunità imprenditoriali'. Rimini, 03rd November 2010.
- Participation in the Workshop **The Structure of Economic Systems through Input Output Applications** at the **Accademia dei Lincei** together with University of Bologna, Ferrara, Cattolica, Luiss, University of Groningen, Stockholm Environment Institute - York, OECD, ISTAT (Prof E. Giovannini), University partner of EXIOPOL. Rome, 21st-22nd October 2010.
- Paper **Research on a regional environmental accounting matrix for Emilia-Romagna region**. Lecture and participation in the **EXIOPOL Summer School on Environmental accounting: externality valuation and Input-Output tools for policy analysis** by **FEEM**. Conference Proceedings. Isola di San Servolo, 11th-17th July 2010.
- Lecture **RAMEA – as a Decision Support System** Faculty of Letters, University of Bologna. (April 2010)
- Providing guidance for students trainees at Arpa Emilia-Romagna. (2010)
- Participation in the Kick off meeting of **Life ACT project (Adapting to Climate change in Time)** managed by ISPRA, among the scientific mentors'. Ancona, 11th March 2010.

- Participation in the workshop **Operational Programs 2007-2013: Valutazione dell'impatto potenziale sulla riduzione di emissioni di gas serra**. ENEA, SNV, MISE. Roma, 10th Marzo 2010.
- Participation in the training course **Pacchetto Clima**, 4 lessons by Prof. Stefano Tibaldi (Director of Arpa E-R) on climate change at the University of Bologna. March 2010.
- Participation in the workshop **The Social Dimension of Adaptation to Climate Change** by **FEEM**, Venezia 19th February 2010.
- Participation in the workshop **Oltre il PIL per un nuovo indice del benessere: presentazione e discussione del Rapporto Stiglitz - Sen – Fitoussi** with **Prof. Enrico Giovannini**, member of the Commission and President of ISTAT. Bologna, 1st December 2009.
- Participation in the workshop **Conti Namea regionali delle emissioni atmosferiche** by ISTAT together with the Ministry of Economic Development. Roma, 13th October 2009.
- Participation in the workshop **Il ruolo di Arpa Emilia-Romagna nel monitoraggio delle procedure di Valutazione ambientale strategica (SEA) di piani e programmi**. By ARPA Emilia-Romagna. Parma 8th October 2009.
- Paper **RAMEA, a shared environmental accounting tool to control and monitor regional environmental taxes**. Participation and lecture in the **Tenth Global Conference on Environmental Taxation – GCET 2009**. Conference Proceedings. Lisbon, 23rd-25th September 2009.
- Participation in the training course **Contabilità ambientale e metodo CLEAR** Reggio Emilia 20th-22nd May 2009, Diproval – Faculty of Agriculture, University of Bologna
- Participation in the workshop **La Valutazione ambientale di piani, programmi e progetti (SEA and SIA). Stato di attuazione e problematiche in Europa e in Italia**. By Emilia-Romagna Region. Bologna, 8th April 2009.
- Paper **Arpa Emilia-Romagna e i bilanci ambientali: l'attività di supporto alla promozione della Contabilità Ambientale e il progetto RAMEA sullo sviluppo sostenibile regionale**. Participation in the **XI National Conference of Environmental Agencies**. Conference Proceedings. Ecolpolis 09 Roma, 1st-2nd April 2009.
- Participation in the presentation of the book **Cambiamenti climatici e strategie di adattamento in Italia. Una valutazione economica**. by Prof. Carlo Carraro, ed. Il Mulino, 2009. Fondazione Eni Enrico Mattei, Milan, 19th March 2009.
- Participation in the course **Economics of the environment** by Prof. Nuti Giovannetti at the University of Bologna, January - February 2009.
- Paper **Progettare la sostenibilità nello sviluppo di un territorio: l'analisi shift share su aggregati economico-ambientali**. **XXIX Conferenza Italiana di Scienze Regionali – AISRE 2008**. Conference Proceedings. Bari, 24th – 26th September 2008.
- Paper **RAMEA as a DSS for Regional Sustainable Development** Participation and lecture in the **14th Annual International Sustainable Development Research Conference** Track “Regional Sustainable Development” – AISDRC 2008. Conference Proceedings. New Delhi, 21st-23th September 2008.
- Participation in the **Committee on Statistics**. OECD, Paris June 2008.
- Participation in the workshop **La valutazione ambientale di progetti e piani (SEA and SIA)**. ARPA E-R and Emilia-Romagna region, Bologna February 2008.
- Participation in the International Conference **Beyond GDP** organized by **European Commission, Club of Rome, OECD and WWF** at the European Parliament, Bruxelles, 19th-20th November 2007.
- A speech on economic aspects of **The river basin requalification – an integrated approach to the rivers management** a training course by CIRF (Italian Centre for the River Basin redevelopment) for Emilia-Romagna Region public employees. Bologna, October 2005.
- Participation in the first edition **Quality Award Public Administration** an in-depth study organized by Formez (Training Study Centre) with the Public Office Department, at Confederation of Italian Industries. Rome, September 2005.