

CURRICULUM of David Rossi Ph.D.

David Rossi is a Structural geologist with a widespread experience in kinematic analyses and analogue modelling of brittle deformation in sedimentary successions.

Degree (1997) in Structural Geology and Geological survey. The main topic of his Degree was the reconstruction of the whole Narnese-Amerina sedimentary Succession, and the realization of a balanced cross-sections and its restoration.

In 2002 he achieved his PhD in the Sapienza University of Rome. The main topics of his dissertation were the Reconstruction in 2D and 3D of complex geological structures, using structural and stratigraphical field data, and analogue models. The experiment showed that hollow aluminium and siliceous microspheres successfully replicate the mechanical behaviour of weaker layers within natural sedimentary successions undergoing deformation. This finding supports the use of artificial granular materials to construct "quasi-natural" multilayers in the laboratory.

He acquired experiences in continental core complex structures (e.g. Calabro-Peloritan metamorphic and granitic Arc). Seismic lines interpretation and shallow/deep geological cross section realization, with restoration and forward modeling, represent one of his favourite area of interest.

From the 1999-to present, his research activity involved problems concerning the environment and the relationships between geological complexity and ecosystems fragility. His experiences increase progressively using remote sensing (satellite and airborne sensor imageries) analysis of anthropized areas. In particular, he approaches the change detection analysis to assess disturbance propagation in landscape.

Partecipation to the (SIA) for the New La Spezia Harbor in Italy.

Experience for the realization of the Preliminary Project of the Bridge over the Messina Strait.

Seismic Microzonation for the Reconstruction of the L'Aquila town, Macroarea 8.

From January 2010 Is responsible for the surface and sub-surface Geology in the DEFINITIVE PROJECT for the Bridge over the Messina Strait, Calabria site.

From October 2011 Is a Researcher at the IRSA Institute (Water Research Institute) CNR (National Research Center) Research Area Rm1.

Specialties

-Quantification of the sedimentary and tectonic processes for a better understanding of the relationships between folding and faulting, with emphasis on field mesoscale analyses. -Role of stratigraphy in the deformation processes represent one of his favourite research interest.

-Remotely sensed data in landscape investigations for environmental planning represent his second research activity.

Name: David

Surname: Rossi

Born: 1969 in Rome, Italy

Status: marriage

Education: (1996) Degree in Geology, (2002) PhD in Structural Geology at the University of Rome “La Sapienza”; International Schools (“*Structural and stratigraphic modelling of sedimentary basins*”. Royal Holloway University of London, U.K.; *Seismic interpretation of tectonic structure for Oil trap*”. University of Pierre et Marie Curie Parigi, and several others.

Academic positions and teaching:

(2003-2006) Assistant researcher at the chair of Regional Geology, Faculty of Science, University of Rome “La Sapienza”.

2003-2006 Teaching in the course of Regional Geology, Faculty of Science, Univ. of Rome “La Sapienza”.

2003-2010 Annual contract as teacher of Environmental Geology and Landscape ecology at Faculty of medicine, University of Rome “La Sapienza”.

2003-2006 Teaching in the course of Geological Multidisciplinary field activity, Faculty of Science, Univ. Of Rome “La Sapienza”.

2004-2009 Annual contracts as teacher of EcologyI, EcologyII and Landscape Ecology, at II-Faculty of medicine, University of Rome “La Sapienza”.

2007-2008 Annual contract as teacher of Regional Geology and Environmental science and ecosystem sustainability at the University of Rome “La Sapienza” and L’Aquila University.

2007 Annual contract as Teacher of Environmental Science and Ecosystem sustainability, Faculty of Science University of L’Aquila Italy.

2009 Teaching in the course of apply geological survey, Faculty of Science, Univ. of Rome “La Sapienza”.

Research interests and experience: kinematic analyses and analogue modelling of brittle deformation in sedimentary successions. Present employment as Post-Doctoral Research Assistant started on January 1, 2003 at the University of Rome “La Sapienza”. The research involves the integration of structural geology/tectonics, stratigraphy and geomorphological analysis. The research was financed by both oil company for a project intitled “*Integrated structural analysis, tectonic modelling and numerical simulation of fractures and fault networks*” and by *MURST grant*. Recent research funding has arisen in part due to the National Cartographic Project called CARG for geological mapping of Italy. In particular, my research interests lie in the qualification of the sedimentary and tectonic processes and thus a better understanding of the relationships between folding and faulting, with emphasis on field mesoscale analyses. Reconstruction in 2D and 3D of complex geological structures represent one of my favourite interest, especially in the last decade where I increase my field and laboratory experiences, mainly in carbonatic successions. I acquired also experiences in continental core complex structures (e.g. Calabro-Peloritan metamorphic and granitic Arc). Seismic lines interpretation and shallow/deep geological cross section realization with restoration and forward modeling, represent without any doubt, one of my favourite area of interest, as also demonstrated by my pluri-annual lecturer experiences in “Regional Geology”, “Geological interdisciplinary field analyses” and

“Geological survey”. I also involved experiences in environmental aspects of geology and Landscape Ecology.

PERSONAL RECORD:

Name: David Rossi

Date of birth: Roma 22 December 1969

Nationality: Italian

Phone: +39 0690672766

E-mail: david.rossi@irsa.cnr.it

Work address: IRSA – CNR, Via Salaria km 29,300
Monterotondo - Research Area Rm1

STATUS: Married

QUALIFICATIONS:

1997 **Degree** in Geology (University of Rome La Sapienza).
Thesis title: *Geological survey and structural analyses of the narnese-amerina ridge (Central Apennine)*.

1998 **Geologist abilitation** (University of Rome La Sapienza).

1999 **Eurobasin School: “Structural and stratigraphic modelling of sedimentary basins”**.
Royal Holloway University of London, 28 ago – 4 sett 1999.

1999 **International School Earth and Planetary Sciences: “Crust-Mantle Interaction”**. University of Siena, 24 sett – 4 ott 1999.

- 1999 **Eurobasin School: “Seismic interpretation of tectonic structure for Oil trap”**. University Pierre et Marie Curie Parigi, 29 nov – 4 dic 1999.
- 2001 School in **“Faulting, Fracturing, and Fluid Flow: the Mechanics of Mineralization”**. Richard H. Sibson, 19-22 novembre 2001, University of Roma “La Sapienza”.
- 2002 **Ph.D in Structural Geology** 23 may 2002 thesys title: *Geometric and kinematic analyses of the Ausoni-Aurunci Mounts (Southern Lazio)* University of Rome La Sapienza.
- 2003 January 2003 **Post doc assistant** position in structural geology at the Department of Earth science at the University of Roma La Sapienza.
- 2005 January 2005 **Post doc assistant** position in structural geology at the Department of Earth science at the University of Roma La Sapienza.
- 2007 April 2007 **Post doc annual grant** position in regional geology at the Department of Earth science at the University of Roma La Sapienza.
- 2008 May 2008 **Post doc assistant** position in regional geology at the Department of Earth science at the University of Roma La Sapienza.

RESEARCH AND ACADEMIC/PROFESSIONAL STANDING

- 1997/1998 **Collaboration** with the Department of Geological Sciences at the University of Roma La Sapienza toward the interpretation of brittle deformations and foreland-fold and thrust belt systems in the central apennine (Prof. Ernesto Centamore).
- 1998 **Project** on compilation of a hydrogeological and geomorphological map of the Basin of Fiume Tirso, in central-eastern Sardinia, carried out with the University of Cagliari, Sardinia, Italy; project on compilation of a thematic hydrogeological map, carried out with the Lecce University, Apulia, Italy) under a CEE grant called CoDePAS **ENV4-CT97-0584** 1998/1999 (Prof. Alberto Basset).

- 1999/2003 Research **Project Task-Force Maiella, “GGCH-98-4-Integrated structural analysis, tectonic modelling and numerical simulation of fractures and fault networks”**, Working Group in Structural geology and Stratigraphy, between Eni S.p.a. div. Agip and 9 Italian University.
- 1998 **collaboration** with the Department of Geological Sciences of Roma3 University Prof. Claudio Faccenda and Fabrizio Storti towards physical analogue modelling, a technique that he has explored through the use of new granular materials (hollow microspheres).
- 1999/2006 **collaboration** with the Atmospheric Institute C.N.R. (*Remote sensing group*) towards the interpretation of multispectral data obtained with the *FieldSpecFR*. This collaboration is still active and it is focused on the interpretations of the main tectonic lineaments of the Southern Latium (Central Italy), and for the morphotectonic study of the KVARN area, Svezia using Landsat ETM+ and MIVIS multispectral images, under the supervising of Prof. Ivo Allegrini.
- 2002 **Contract** with the department of Earth Science (University of Roma La Sapienza) for the development of the geological map of Pescorocchiano area (Central Italy).
- 2002 **Research fellow** with the Departments of Geology and Biology (University of Roma3) toward the morphotectonic interpretation and idrogeological analyses, CROMA Project (Prof. Giuseppe Capelli and Prof. Giulia Caneva).
- 2002/2006 **CARG Project** geological mapping of the "402 CECCANO" sheet of the new 1:50.000 scale Carta Geologica d'Italia, the official map edited by the Italian Geological Survey on compilation, carried out with the University of Roma La Sapienza the Regione Lazio and the Geological Survey.
- 2002 October 2002, Referee of Journal of Structural Geology.
- 2003 Contract for the **Studio di Impatto Ambientale (SIA) for the new La Spezia harbour Project**, toward the study of hidrogeology, hidrology and morphology changes due to the realization of the new harbour (**2003**). Prof. Loreto Rossi Dep. Of Genetic and Molecular Biology (Ecology Section).

- 2004 **Contract** with the *Stretto di Messina S.P.A.* toward the mesoscale structural analyses of two area (SICILIA and CALABRIA) interested by the realization of the STRAITS BRIDGE.
- 2004/2007 **Collaboration** with the Department of Biology University of Roma³ toward the realization of the new thematic cartography of the Amalfi Coastal line (Prof. Giulia Caneva).
- 2004/2009 **Collaboration** with the Department of Genetic and Molecular Biology (Section Ecology) University of Rome “La Sapienza” toward the study of freshwater ecosystems (Prof. Loreto Rossi).
- 2005/2009 **Collaborative** research project carried out between the Dipartimento di Scienze della Terra of the University "La Sapienza" in Rome, and the Dipartimento di Scienze della Terra of the University of Siena focussed on inversion tectonics topics with Prof. Enrico Tavarnelli.
- 2008 **Principal Investigator** for the European Commission of the 7th Framework Programme on Research Technological Development and Demonstration, project “Idea”: (GeBi) Satellite detection of geological heterogeneity and $\delta^{13}\text{C}$ isoscape variation in food webs: coast to coast pilot study in Central Italy for planning biodiversity conservation, 5 years. NOT FINANZIED stage $\frac{3}{4}$.
- 2009 May 2009, Referee of Italian Journal of Geosciences
- 2009 November 2009 **Collaborative research** with the Department of Geology University of Siena focussed of the geological and seismic response in the Italian accelerometric network DPC-S4 UR7 with Prof. Dario Albarello
- 2009 **Research fellowship** with the CIRPS Sapienza University of Rome for the realization of several thematic maps using GIS technique (20-7-2009 – 20-9-2009).
- 2010 **Collaboration** for the realization of the Definitive Project for the Messina strait bridge within the Sapienza University of Rome group and Eurolink.

- 2010 **Fellowship** for the DPC-S4 project in the University of Siena (1-3-2010 – 31-7-2010)
- 2010 **Research fellow** for the study of the Marsala bay (Sicily) with the Department of Ecology University of Palermo (1-9-2010 – 28-2-2011)
- 2010 **Research fellow** for the study of the southern Apennine geological structures with the Department of Earth Science Sapienza University of Rome (1-10-2010 – 31-11-2010).
- 2011 **Research fellow** for the study of the geological and geotechnical model of several town in the l'Aquila district (Central Italy) involved in the 6 april 2009 l'Aquila earthquake, due to the area seismic microzonation. (9-6-2011 – 9-10-2011).
- 2011 **Researcher** at the Water Research Institute (IRSA) CNR (National Research Center).

TEACHING PROFILE

- 2002/2009 **lecture** position in **Environmental Science** class for the Medicine and Surgery Faculty of the University of Rome, a position that has been continuously covered for the last years, and still active.
- 2003/2007 **lecture** position in **Regional Geology** with field trips and excursions in the Apennines, that constitute integral part of the training process for undergraduate Geology students at the "La Sapienza" University.
- 2004/2006 **lecture** position in **Interdisciplinary field geology** for the MSc Geology students at the "La Sapienza" University.
- 2004/2010 **lecture** position in **Environmental Science in works environment** in **EcologyI** and **EcologyII** class for the II Medicine and Surgery Faculty of the University of Rome, a position that has been continuously covered for the last years and still active.
- 2007 Annual contract as teacher of **Regional Geology**, Faculty of Science, University of Rome "La Sapienza".

2007	Annual contract as teacher of Environmental science and Ecosystem sostenibility , Faculty of Science University of L'Aquila.
2008	Annual contract as teacher of Environmental science and Ecosystem sostenibility , Faculty of Science University of L'Aquila.
2009	Lecturer assistant of Apply Geological survey , Faculty of Science, University of Rome "La Sapienza"

MEGA STRUCTURES

2003	Partecipation to the (SIA) for the New La Spezia Harbor in Italy.
2004	Experience with the Tecnostudi Ambiente S.r.l. for the realization of the Preliminary Project of the Bridge over the Messina Strait
2009	Seismic Microzonation for the Recostruction of the L'Aquila town, Macroarea 8
2010	From Jenuary 2010 Is responsible for the surface and sub-surface Geology in the DEFINITIVE PROJECT for the Bridge over the Messina Strait, Calabria site.

CONFERENCE AND SEMINARS

- **79° Congresso Nazionale della Società Geologica Italiana**, Palermo 21-23 Sep 1998, Poster and Oral Comunication.
- **International Conference "Thrust Tectonic 1999"**, Royal Holloway University of London 16-29 Apr 1999, Poster.
- **Congresso Nazionale "La Risorsa della Montagna"**, Cittaducale 23-24 Jul 1999.
- **2° Congresso Nazionale della Federazione Italiana di Scienze della Terra (FIST)**, Bellaria 20-23 Sep 1999, Poster
- **Congresso Nazionale "Evoluzione geologica e Geodinamica dell'Appennino centrale"**, Foligno 16-18 Feb 2000, two Posters.
- **Convegno-escursione Evoluzione cinematica del sistema orogenico dell'appennino centro-meridionale: caratterizzazione stratigrafico-strutturale dei bacini sintettonici**. Rome 17-20 Apr 2002.

- **International conference RealMod2002 “Tectonics and Exploration Geophysics versus Analogue and Numerical Models”** Milano 2-4 Oct 2002, Oral communication.
- **“V Workshop sull’informatizzazione della Carta Geologica d’Italia Progetto CARG”** Certosa di Pontignano (Siena) 28-29 Oct 2002.
- **4° Forum Italiano di Scienze della Terra FIST GEOITALIA 2003**, Bellaria 16-18 Sep 2003 poster.
- **La Geologia del Quaternario in Italia: Temi emergenti e zone d’ombra**, Rome 16-18 Feb 2004.
- **32ND Congresso Internazionale di Geologia** Firenze 20-28 Aug 2004, two Posters.
- **Giornata di studio l’aerobiologia nella conservazione dei beni culturali**, Rome 18 Nov 2004.
- **Convegno Nazionale** Giornata dell’Acqua, Trevignano Romano 10 May 2005.
- **Congresso Nazionale** Giornata dell’Acqua **"Lagune, laghi e invasi artificiali italiani"**. Rome, l’Accademia Nazionale dei Lincei il 22 Mar 2005 Poster and Oral communication.
- **Convegno Nazionale 5° FORUM - FIST GEOITALIA 2005**, Foligno 21-23 Sep 2005 two oral communications.
- **International Symposium and exhibition on geoinformation 2005 (ISG 2005) “Geospatial Solutions for Managing the Borderless World”** Batu Feringghi, Penang, “Malaysia” 27-29 Sep 2005 Poster.
- **Riunione Annuale del Gruppo Italiano di Geologia Strutturale**, Chieti 27-28 Feb 2006.
- **83^a Riunione Estiva della Società Geologica Italiana** (Chieti 12-16 Sep 2006) two Oral communications.
- **XVI Congresso Nazionale della Società Italiana di Ecologia** (Viterbo-Civitavecchia 19-22 Sep 2006) two Oral communications and two Posters.
- **International Conference of the Italian Structural geologist** (Urbino 12-13 Mar. 2007) with one oral presentation.
- **National Conference SIS2007 Rischio e Prevenzione** (Venezia 6-8 Jiu 2007) with one oral communication.
- **International Conference The 6th International Conference on Applications on Stable Isotope Techniques to Ecological Studies**. Honolulu Hawaii, USA 25-29 Aug 2008.
- **84th Riunione Estiva of the Italian Geological Society**, (Sassari 15-17 Sep 2008) with two posters.
- **International Conference GNGTS-2009** (Gruppo Nazionale di Geofisica della Terra Solida) Trieste 16-19 November 2009.
- **International Conference** “Final meeting of the Seismological Project DPC S4 l’ISPRA Roma 30-2 July 2010.
- **International Conference IAEG-2010**, 5-10 September 2010 Ackland, New Zeland.
- **International conference XX Congresso SITE 2010** University of Rome La Sapienza 27-30 September 2010.
- **4th IASPEI/IAEE International Symposium: Effects of Surface Geology on Seismic**

Motion, 23-26 August 2011, University of California Santa Barbara.

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HARDWARE – SOFTWARE:

HARDWARE: PC – IBM also in MS-DOS, Windows98-xp and NT; Mac OS9-X;

SOFTWARE: Office x (*Microsoft Winword – Excel – Access – Powerpoint*); *Corel Draw x; Corel Photo-paint; Corel Capture; Corel Move; Corel Dream 3D; Freehand 9-X; Adobe Illustrator 7-x; Adobe Photoshop 5-6-x; Adobe Photo delux; Grapher; Paint; PsP; Imaging; Brice 2-3 3D; Surfer 7-8-x; Fault; Stereonet; Win Tek 2.0; Rose 1.0; 2D Move; Outlook Express; Internet Explorer; Eudora; Microsoft Outlook; Net Scape; iView, ENVI, Statistica, MapInfo; Arcview.*

- Experience with the ***Spettrometer FieldSpec FR***, within the electromagnetic spectral (0.35-2.5 μm);

- Experience in *sand-box* modelling in brittle behaviour to simulate detachment folding processes with the use of new granular materials (e.g. hollow microsphere).

ACHIEVEMENTS SINCE TAKING UP POST DOC ASSISTENT POSITION

1999 Memeber of The Italian Geological Society

2002 Member of the Structural Geologist Italian Group (GIGS).

2004 Abilitation to drive motorboat and sailorboat up to 24 metres without any limitation from the coastal line.

PUBLICATIONS

1. Bigi S., Mandrone S., Pierantoni P.P. & **Rossi D.** (2000) – Structural analyses and restoration of structural cross-section in the northern central sector of the Narni-Amelia ridge (Central Apennines). *Mem. Soc. Geol. It.*, 55, 185-192.
2. **Rossi D.**, Bigi S., Del Castello M. & Di Manna P. (2001) – The structure of the Aurunci mountains, (Southern Lazio): a balanced cross-section and its restoration. *Boll. Soc. Geol. It. Vol. Spec.*, 1, 2002, 151-159.
3. **Rossi D.** (2002) – Analisi geometrica e cinematica dei monti Ausoni-Aurunci (Lazio meridionale). Tesi di Dottorato di Ricerca, Università degli Studi di Roma “La Sapienza”, 162 p.p., 1 Tav.
4. Centamore E., Bigi S., Costa Pisani P., Nisio S., **Rossi D.**, Micarelli A., Potetti M. & Didascalou P. (2003) – Itinerario della Guida Geologica d’Abruzzo “da L’Aquila a Teramo”. *Guide Geologiche Regionali (15 itinerari)* a cura della Società Geologica Italiana, BE-MA editrice, 121-136.
5. Centamore E., Bigi S., Costa Pisani P., Nisio S. & **Rossi D.** Micarelli A., Potetti M. & Didascalou P. (2003) – Itinerario della Guida Geologica d’Abruzzo “da Teramo a Silvi”. *Guide Geologiche Regionali (15 itinerari)* a cura della Società Geologica Italiana, BE-MA editrice, 137-151.
6. **Rossi D.**, Caneva G., Casacchia R., Mandrone S. & Salvatori R. (2003) – La lettura dell’ambiente attraverso le immagini satellitari. *Atlante Storico-Ambientale Anzio e Nettuno (CROMA)*, 152-157.
7. **Rossi D.** & Storti F. (2003) – New artificial materials for analogue laboratory experiments: Aluminium and siliceous microspheres. *Journal of Structural Geology*, 25 (2003), 1893-1899.
8. Centamore E., Nisio S. & **Rossi D.** (2004) – Aspetti geologico-strutturali in relazione alla formazione della “Sinkhole plain” di S. Vittorino. Volume speciale APAT per il 1° Seminario sui fenomeni di Sinkholes, 285-297.
9. Mandrone S., **Rossi D.**, Costantini M. L., Brilli, Allegrini A. & Rossi L. (2006) – Relazioni tra eterogeneità ambientale e variazioni ecologiche del paesaggio circumlacuale per la stima della probabilità di propagazione delle perturbazioni (Fragilità). *Rendiconti dell’Accademia Nazionale dei Lincei*, 222, 101-110.
10. **Rossi D.**, Gherardi L., Mandrone S., Costantini M. L., Balestri A. & Rossi L. (2006) – Sistema Reason Seabat 8125 per il rilievo batimorfologico di fondali applicato ad un lago: primi rilevamenti nel lago di Bracciano. *Rendiconti dell’Accademia Nazionale dei Lincei*, 222, 289-296.
11. Rossi L., Costantini M. L., **Rossi D.** & Rossi E. (2006) – Ricerche di ecologia del paesaggio e di funzionamento ecosistemico per il monitoraggio, la gestione e la conservazione di laghi vulcanici. *Rendiconti*

- dell'Accademia Nazionale dei Lincei, 222, 59-75.
12. Salvo V., **Rossi D.**, Salvati L. & Caneva G. (2007) – Lineamenti sulle caratteristiche fisiche del territorio. 13-32. In: Caneva G. & Cancellieri L. (2007) Il paesaggio vegetale della Costa d'Amalfi. Gangemi Editore.
 13. Costantini M. L., Rossi L., Scialanca F., Nascetti G., **Rossi D.** & Sabetta L. (2007) – Association of riparian features and water chemistry with reed litter breakdown in a volcanic lake (Lake Vico, Italy). *Aquatic Sciences*, 69, 503-510.
 14. Centamore E., Di Manna P. & **Rossi D.** (2007) – Kinematic evolution of the Volsci Range: a new overview. *Italian Journal Geoscience*, 126, (II), 159-172, 1 Tav.
 15. **Rossi D.** (2008) – Variazioni della linea di costa del lago di Bracciano in relazione al nuovo modello 3D bati-morfologico del fondale. Volume Speciale S.It.E. 5 pp.
 16. Mandrone S., **Rossi D.** & Rossi L. (2008) – Metodo di stima della fragilità intrinseca di habitats boschivi nei bacini di drenaggio di laghi Vulcanici. Volume Speciale S.It. E. 5 pp.
 17. Centamore E., Bollati A., Coppola A., Dramis F., Fumanti F. & **Rossi D.** (2008) – Carta Geologica d'Italia 1:50.000 Foglio 358 Pescorocchiano. APAT e Regione Lazio.
 18. Costantini M. L., Rossi L., Fazi S. & **Rossi D.** (2009) – Detritus accumulation and decomposition in a coastal lake (acquatina-southern Italy). *Aquatic conservation Marine and Freshwater ecosystems*, 19 issue 5, 566-574.
 19. Centamore E. & **Rossi D.** (2009) – Neogene-Quaternary tectonics and sedimentation in the Central Apennines. *Italian Journal Geoscience* 128 (I), 73-88.
 20. Centamore E., **Rossi D.** & Tavarnelli E. (2009) – Geometry and kinematics of triassic-to-recent structures in the northern-central apennines: a review and an original working hypothesis. *Italian Journal Geoscience*, 128 (II), 419-432.
 21. Centamore E., Nisio S. & **Rossi D.** (2009) – s. vittorino sinkhole plain: relationships between structural elements, sinking processes, seismic events and hydrothermal springs. *Italian Journal Geoscience*, 128 (III), 629-639., 1 Tav.
 22. Rossi L., Costantini M. L., Carlino P., Di Lascio A. & **Rossi D.** (2010) – Autochthonous and allochthonous plant detritus contributions to volcanic lake coastal deposition: stable isotopes and mixing model study. *Aquatic Sciences*. DOI: 10.1007/s00027-009-0125-z, 227-236.
 23. Angelino A., Bianchi Fasani G., Bozzano F., Colasanto F., Colombi A., Di Filippo M., Di Fiore V., Di Nezza M., Di Loreto E., Franceschini A., Gerardi A., Hailemikael S., Iavarone M., Lenti L., Liperi L., Martini G.,

- Martino S., Meloni F., Orazi A., Paciello A., Poggi F., **Rossi D.**, Scotto di Vettimo P., Serafini S., Scarascia Mugnozza G., Stedile S., Verrubbi V. (2010) - Macroarea 8 (Poggio Roio, Colle Roio, Roio Piano, S. Rufina Contrada Cavalli). Parte III–La Microzonazione Sismica delle macroaree. Microzonazione Sismica per la ricostruzione dell'area Aquilana, Regione Abruzzo-Dipartimento della Protezione Civile, L'Aquila, Vol.2, 336-385.
24. Pilleggi D., **Rossi D.**, Lunedei E. & Albarello D. (2011) - Seismic characterization of rigid sites in the ITACA database by ambient vibration monitoring and geological surveys. *Bulletin of Earthquake Engineering*. **ISI - I.F. 0.843; 5Y-IF: 1.049. Online.**
 25. Di Manna P., Palladino D. M. & **Rossi D.** (in press) – Cenni Storici. In: Centamore E. & Dramis F. Note illustrative della Carta Geologica d'Italia alla scala 1:50.000 Foglio 402 Ceccano. Servizio Geologico d'Italia. 9-13.
 26. Centamore E., Di Manna P. & **Rossi D.** (in press) – Stratigrafia del substrato. In: Centamore E. & Dramis F. Note illustrative della Carta Geologica d'Italia alla scala 1:50.000 Foglio 402 Ceccano. Servizio Geologico d'Italia. 61-65.
 27. Centamore E., Di Manna P., **Rossi D.**, Potetti M. & Didaskalou P. (in press-2011) – Successione meso-cenozoica di bacino pelagico e scarpatabacino. In: Centamore E. & Dramis F. Note illustrative della Carta Geologica d'Italia alla scala 1:50.000 Foglio 402 Ceccano. Servizio Geologico d'Italia. 61-65.
 28. Centamore E., Di Manna P., Milli S., **Rossi D.** & Didaskalou P. (in press-2011) – Depositi sinorogenici Miocenici. In: Centamore E. & Dramis F. Note illustrative della Carta Geologica d'Italia alla scala 1:50.000 Foglio 402 Ceccano. Servizio Geologico d'Italia. 66-69.
 29. Centamore E., Di Manna P., **Rossi D.** & Didaskalou P. (in press-2011) – Depositi tardo e post orogenici mio-pliocenici. In: Centamore E. & Dramis F. Note illustrative della Carta Geologica d'Italia alla scala 1:50.000 Foglio 402 Ceccano. Servizio Geologico d'Italia. 69-75.
 30. Centamore E., Dramis F., Di Manna P., **Rossi D.**, & Palombo M. R. (in press-2011) – Depositi continentali plio-quadernari. In: Centamore E. & Dramis F. Note illustrative della Carta Geologica d'Italia alla scala 1:50.000 Foglio 402 Ceccano. Servizio Geologico d'Italia. 76-81.
 31. **Rossi D.** (in press-2011) – Assetto strutturale. In: Centamore E. & Dramis F. Note illustrative della Carta Geologica d'Italia alla scala 1:50.000 Foglio 402 Ceccano. Servizio Geologico d'Italia. 90-130.
 32. Centamore E., Cantalamessa G., Di Celma C., Di Manna P., Didaskalou P., Micarelli A., Nisio S., Potetti M. & **Rossi D.** (in press-2011) - The Neogene-Pleistocene evolution of the Abruzzi peri-adriatic belt (eastern Abruzzi). Volume Speciale TFM, ENI-Agip.
 33. Hailemikael S., Lenti L., Martino S., Paciello A., **Rossi D.**, Scarascia

Mugnozza G. (in-press 2012) - The role of heterogeneity in the seismic response of bedrock dominated topographic features: a case study in Central Italy.

GEOLOGICAL MAPS

34. Bigi S., Mandrone S., Pierantoni P.P. & **Rossi D.** (1998) – Carta geologico-strutturale della Dorsale Narnese-Amerina a Nord di Amelia (Appennino centrale), (Tav. I-II). Studi Geologici Camerti (1997-98), Vol XIV.
35. **Rossi D.** (2002) – Carta geologica dei Monti Ausoni-Aurunci (Lazio meridionale) in scala 1:50.000. Allegato alla Tesi di Dottorato.
36. AA.VV. (in press) - Carta Geologica d'Italia in scala 1:50.000 Foglio 402 CECCANO. ISPRA, Regione Lazio.

C.E.E. REPORTS

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Truly, 26/10/2011

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