

**PROF. RODOLFO CAROSI**  
**Curriculum Vitae and list of publications**

**PERSONAL INFORMATION**

Current position: full professor in Structural Geology and Tectonics, University of Torino (Italy)

Dipartimento di Scienze della Terra - Università di Torino  
Via Valperga Caluso, 35, 10125 Torino, ITALY  
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**EDUCATION**

1984 MSc Geology (Laurea cum laude), University of Pisa  
1989 PhD in Geology and Applied Geology, University of Pisa  
PhD Advisor: Prof. P. C. Pertusati

**PROFESSIONAL EXPERIENCE**

1984-1985 Structural field mapping related to ore deposits in Sardinia (PROGEMISA)  
1989-1991 Post-PhD position, University of Pisa on microstructural studies on Ross Orogen (Antartica) and Variscan belt in Sardinia (Italy)  
1992 Researcher in Structural Geology at Dipartimento di Scienze della Terra, University of Pisa  
2000 Associate professor in Structural Geology and Tectonics at Dipartimento di Scienze della Terra, University of Pisa  
December 2011 – present: Full professor in Structural Geology at Torino University

**TEACHING**

Orogenesis, University of Torino, Bsc degree in Geological Sciences  
Structural and applied geology, University of Torino, MSC degree in Applied Earth Sciences

**COURSES TAUGHT**

Since 1992 Dr. Carosi taught as field and laboratory assistant as well as responsible of entire courses and from 2000 he taught as professor two full courses per year. The main course taught are:

Geological field mapping in the Northern Apennines

Laboratory: geological maps

Laboratory: geology

Structural Geology

Structural Geology and Regional Tectonics

Dynamic Geology

Advanced Geology for BA of Degree in Geology

Geodynamics for MSC in Geology (University of Pisa)

Seminars for PhD students on the geology of the Himalayan range and Variscan belt in southern Europe at Padova, Cagliari and Napoli Universities and Lausanne University (Switzerland) (2008, 2009 and 2012)

**PHD STUDENTS ADVISED**

Dr. David Iacopini (co-advised with Prof. Cess W. Passchier and Dr. D. Kohen; University of Mainz (Germany))

Dr. Chiara Frassi (co-advised with Prof. R. D. Law, Virginia Tech University, USA)

Dr. Salvatore Iaccarino (co-advised with Dott.ssa C. Montomoli, University of Pisa and Prof. H-J Massone, Stuttgart University, Germany).

Dr. Simonetti Matteo, University of Torino

Dr. Chiara Montemagni (co-advised with Dott.ssa C. Montomoli, University of Pisa and Prof. I M. Villa, University of Milano Bicocca)

Dr. Chen Jie, University of Torino (co-advised with Dott.ssa C. Montomoli, University of Pisa and Dr. Hui Cao, CAS, Beijing, China).

UNDERGRADUATE ADVISED (last ten years)

N. 40 students for MSc Thesis and n. 2 for BA Thesis.

### **INTERNATIONAL REVIEW ACTIVITIES**

Reviewer NSF (USA) and SNF (Switzerland).

Book revision for Wiley Blackwell and Elsevier.

Reviewer for peer review international journals: Earth Science Review, Lithosphere, Geosphere, Geological Society of America Bulletin, Geology, Tectonics, Journal of Structural Geology, Journal of Metamorphic Geology, Lithosphere, Geological Society of America Bulletin, Geosphere, Terra Nova, Journal of Asian Earth Sciences, Island Arc, Lithos, The Journal of Geology, Journal of Maps, Geological Society of London Special Publications, International Geology Review, International Journal of Earth Sciences, Earth Science India, Precambrian Research, Geoscience Frontiers, Journal of the Virtual Explorer, Geodinamica Acta, Geoscience Journal (Korea), and Italian Journal of Geosciences (former Bollettino della Società Geologica Italiana). Geologica Acta.

### **EDITORIAL ACTIVITIES**

- Member of the editorial board of The journal of Virtual Explorer (since 2006)
- Member of the Editorial Board (since 2010) and scientific editor of Italian national journal "Memorie della Società Toscana di Scienze Naturali, ser. A" (2001-2010).
- Member of the editorial board of international journal Earth Science India, since 2011.
- Co-Editor of Co-editor of a Special Volume of the Journal of the Virtual Explorer entitled: The Southern Variscan belt, 2005 (Editors: R. Carosi, D. Iacopini and Gideon Rosenbaum)
- Co-editor of a Special Publication of the Geological Society of London entitled: "Tectonics of the Himalaya", 2015 (Editors: S. Mukherjee, R. Carosi, B. Mukherjee, P. van der Beek, D. Robinson,)
- Co-editor of a Special Volume of the Journal of the Virtual Explorer entitled: Geological field-trips nella catena Himalaya-Karakoram-Tibet , 2014 (Editors: C. Montomoli, R. Carosi, R.D. Law, S. M. Rai, S. Singh).
- Co-editor of a Special Publication of the Italian Journal of Geosciences su "A multidisciplinary approach to the development of the Himalayan-Karakoram- Tibet orogenic system from the mantle to mountain peaks" (Editors: C. Montomoli, R. Carosi, R. D. Law).
- Co-Editor of a special issue of Tectonics entitled "Orogenic cycles: from field observations to global geodynamics 2018 (Editors V. Toy, G. Manatschal, G. Rosenbaum, M. Miller, R. Carosi)

### **RECENT INVITED TALKS**

- Special paper presentation: 27<sup>th</sup> Himalayan-Karakoram-Tibet workshop, Dicembre 2102, Kathmandu, Nepal
- Key note speaker: 28<sup>th</sup> Himalayan-Karakoram-Tibet workshop, Agosto 2013, Tubinga, Germania
- Invited speaker al Geological Society of America annual meeting, Vancouver (Canada), ottobre 2014.
- Invited talk ,11 Dicembre 2014, Accademia dei Lincei, Roma " Dalla conquista del K2 al XXIX Himalayan Workshop".
- Key note speaker: 30<sup>th</sup> Himalayan-Karakoram-Tibet workshop, Dehradun, India, 2015.
- Key note speaker: 88<sup>th</sup> congress of the Geological Society of Italy, Napoli, 2016
- Key note speaker: EGU Vienna, 2016
- Invited talk: 88<sup>th</sup> congress of the Geological Society of Italy, Pisa, September 2017
- Invited talk: Workshop on Himalayan Geology, Pisa, September 2017
- Invited talk: Milano, Workshop on Himalayan Geology, June 2018
- Invited key note: 9th Nepal Geological Congress, Kathmandu (Nepal), november 2018

### **ACADEMIC ACTIVITY**

1996-1998 Secretary of the MSc course in Geological Sciences (University of Pisa)

1997-2009 Member of the teaching committee for BA courses in Geological Sciences (University of Pisa)

2003-2006 Member of the restricted committee joined to the direction of the Department of Earth Sciences (University of Pisa)  
2000-2006 elected member of the restricted coordination group of the Dean of the Faculty of Mathematics, Physics and Natural Sciences (University of Pisa)  
2001-2006 member of Academic Senate (University of Pisa) as representative of the Departments of Physics, Mathematics, Informatics and Earth Sciences.  
2007-2013 elected member of the National University Council (Italian Ministry of Education, University and Research, Rome) as representative of associate professors in geology in Italy.  
Secretary of the Research Committee of the National University Council (2007-2010)  
National coordinator of the Italian Group of Himalayan Geology  
Member of the scientific and organizational board of Società Geologica Italiana (since 2011)  
President of BSc and MSc courses in Geological Science, University of Pisa (2011)  
Member of the TecTask Committee of IUGS (2011 onward)  
Scientific Coordinator of the third period (December 2012 – February 2013) of XVIII Antarctic Italian Expedition  
Member of the IUGS Committee for the selection of GEOPARKS  
Vice-Director and Vice-Director for teaching, Department of Earth, Sciences, Torino University  
Representative of Full Professors of Earth Sciences area at the National University Council, Italian Minister of University and Education up to February 2017  
Chair of the Commission on Structural Geology and Tectonics (TecTask) of the International Union of Geological Sciences (IUGS)  
Director of the Department of Earth, Sciences, Torino University (October 2018 – October 2021).

### **RESEARCH STATEMENT AND FIELDS OF INTEREST**

Prof. Carosi specialises in structural geology and continental tectonics, with a special focus on the evolution of modern and ancient orogenic belts. Field areas span from Himalaya, Antarctica, southern China, Albania, Spain to Sardinia and Northern Apennines (Italy). Aims of researches include understanding the (1) growth and collapse of orogens, (2) continental transpression tectonics, (3) deformations, metamorphism and exhumation of deep-seated rocks, (4) strain and kinematics of high-strain shear zones.

Prof. Carosi expertise lies in Tectonics, Regional Geology (geological mapping and synthesis) and Structural analysis including microstructures, outcrop and regional scale. Structural analysis is performed also by microstructural investigations, relations between deformation and metamorphism, finite strain and vorticity of the flow. Recently quantitative oriented studies include numerical simulation of high-strain shear zones and a mathematical approach on deformation.

He is mainly interested in field-oriented studies dealing with ductile and brittle deformation processes, evolution of crustal-scale shear zones and faults and associated microstructural fabric development and fold/fault relationships, geological field-mapping. He is also interested by the application of U-Th- Pb geochronology and  $^{40}\text{Ar}/^{39}\text{Ar}$  thermochronology to continental tectonics. Prof. Carosi is currently studying the structural evolution of the Higher Himalayan Crystallines and Tethyan sedimentary sequence in the central Himalaya, with emphasis on the models and timing of exhumation of the crystalline units. He is also involved in projects focussing on the Tectonic evolution of the Ross Orogen (Antarctica) and tectonic units in the Northern Apennines.

Prof. Carosi is author or co-author of more than 120 publications on peer review journals and several geological maps at various scale in different orogens.

### **INTERNATIONAL GEOLOGICAL FIELD EXPEDITIONS**

On-site researcher:

- Ross Orogen (Antarctica) (n. 6 geological expeditions, PNRA:1993/1994, 2000-2001, 2002-2003, 2003-2004, 2005-2006 and 2012-2013);
- Himalayan range (China: Tibet; India: Garwhal, Uttarakhand, Ladakh, Sikkim, Nepal: Bhutan) (n. 25 field expeditions out of 16 have been organized and led by Dr. Carosi, n.1 international expedition in Tibet with German and Chinese colleagues),
- Catalan Coastal Range (Spain)
- Gold deposits in Guizhou Province (China)

## **STRUCTURAL GEOLOGY, TECTONICS AND GEOLOGICAL MAPPING**

Apline belt, Western Alps (Italy, France)

Variscan belt in Sardinia (Italy)

Himalayan Belt (Nepal)

Deformed sedimentary sequences and basement tectonics in the Northern Appennines (Italy)

Northern Victoria Land (Antarctica); including international mapping project GIGAMAP

Ophiolites (Albania)

Catalonian Coastal Range (Spain)

Guizhou province (China)

## **GRANTS**

Completed

2000-2001 Tectonics of the Variscan belt in Sardinia (Italy), funded by University of Pisa

2001-2002 Responsible of a research group within the national project on the Variscan geology in Western Mediterranean area (Resp. Prof. L. Cortesogno), funded by Italian Ministry of Research

2002-2003 Responsible of a research group within the national project on the Tectonics of the Trans Antarctic Mountains (Resp. Prof. F. Talarico), funded by National Program of Research in Antarctica (ENEA, by Italian Ministry of Research)

2003-2008 Responsible of a bilateral project between Italy and France between "Istituto di Geoscienze e Geosiose" (National Research Council- Pisa) and CNRS-UMS 7566 Nancy (France) (Resp. M. Cathelineau)

2003-2008 Responsible of a bilateral project between University of Pisa and University of Guizhou (China)

2004-2005 Responsible of a research group within the national project on the Variscan geology in Italy (Resp. Prof. L. Cortesogno), funded by Italian Ministry of Research

2004-2005 Responsible of a research group within the national project on the geology of the Himalayan belt (Resp. Dott. B. Lombardo), funded by National Council of Research (CNR)

2002-2008 Scientific coordinator of the geological sheets: n. 330 - Castiglione della Pescaia, n. 331 - Grosseto, and n. 319 - Montepescali at the scale 1:50.000 for new geological mapping and geological data base. Funds from The "Regione Toscana" project of geological mapping.

2006-2008 Responsible for the Italian part of the project "Integrated Actions Italy-Spain", between University of Pisa and Autonomous University of Barcelona (Spain, Resp. Prof. J. P. Carreras), funded by Italian and Spanish Ministeries of Research

2007-2008 Responsible of a project on the Tectonics of the Himalayan belt funded by Ev-K2- CNR project (National Council of Research) in collaboration with NAST (National Academy of Science and Technology, Nepal)

2003-2009 Coordinator of the geological sheet n. 273 – Pisa, scale 1: 50.000, for new geological mapping and geological data base. Funds from APAT/ISPRA (Italian Geological Survey).

Scientific coordinator of the Italian national project PRIN 2011-2012 "Subduction and exhumation of continental lithosphere: implications on orogenic architecture, environment and climate" involving more than 50 researchers in 7 Italian Universities.

PENDING

Scientific coordinator of the research unit in Torino of the Italian national project PRIN 2016-2019 entitled "The subduction and exhumation of the continental lithosphere: their effects on the structure and evolution of the orogens"

## **BIBLIOMETRIC INDEXES**

Scopus:

h-index = 25

Total citations = 1723

Documents: 96

Google Scholar:

h-index = 26

citations = 2441

## LIST OF PUBLICATIONS (peer review journals)

- A1) CAROSI R. (1989) - Determinazione della deformazione finita nelle successioni erciniche della Sardegna: confronto tra i metodi. *Atti Soc. Tosc. Sc. Nat. Mem.*, A, 95 - (1988), 117- 137, Pacini Editore, Pisa, 1989.
- A2) CAROSI R. (1990) - Evoluzione tettonica di un segmento della catena ercinica: le unità della Sardegna centro- meridionale nel settore Barbagia-Gerrei. Dottorato di Ricerca in Scienze della Terra. Dissertazione finale, Università di Pisa, pp. 302, con 7 carte e schemi geologici.
- A3) CAROSI R. & ELTER F.M. (1990) - Le microstrutture deformative di alto grado delle anfiboliti di Torpè (Sardegna NE). *Atti Soc. Tosc. Sc. Nat. Mem. A*, 96 - (1989), 241-25, Pacini Editore, Pisa, 1990.
- A4) CAROSI R., ELTER F.M. & FONDI R. (1990) - Fossiliferous metapelites with Denckmannites (Phacopida, Trilobita) in the Gerrei geological complex near Ballao (Cagliari, South- Eastern Sardinia). In: Sassi F.P. & Bourrouilh R. Eds., *I.G.C.P. N°5 Newsletter 7* (1987), 30-33, .
- A5) CAROSI R., ELTER F.M., GATTIGLIO M., MAXIA M., OGGIANO G. & PERTUSATI P.C. (1990) - Some specification on pre- caradocian volcanism in central Sardinia. In: Sassi F.P. & Bourrouilh R. Eds., *I.G.C.P. N°5 Newsletter 7* (1987), 27-29.
- A6) CAROSI R. & GATTIGLIO M. (1990) - Stratigraphic Correlation Forms concerning the Sardinian Paleozoic Basement (Italy). In: *I.G.C.P. project n°5: "Pre-Variscan and Variscan events in the Alpine-Mediterranean mountain belts: Stratigraphic Correlation Forms"*. Newsletter. *Rend. Soc. Geol. It.*, 12 (1989), 2, 143-172, Studio Tipografico, Roma, 1990.
- A7) CAROSI R. & PERTUSATI P.C. (1990) - Evoluzione strutturale delle unità tettoniche erciniche nella Sardegna centro- meridionale. *Boll. Soc. Geol. It.*, 109, 325-335, Roma, 1990.
- A8) CAROSI R., MUSUMECI G. & PERTUSATI P.C. (1991) - Le Unità di Castello Medusa e Monte Grighini (Sardegna centro-meridionale) nell'evoluzione tettonica del basamento ercinico. *Boll. Soc. Geol. It.*, 109 (1990), 325-335, Tipografia Ist. Salesiano Pio XI, Roma, 1991.
- A9) CAROSI R., MUSUMECI G. & PERTUSATI P.C. (1991) - Senso di trasporto delle unità tettoniche erciniche della Sardegna dedotto dagli indicatori cinematici nei livelli cataclastico-milonitici. *Rend. Soc. Geol. It.*, 13 (1990), 103-106, Tipografia Ist. Salesiano Pio XI, Roma, 1991.
- A10) GRASSI S., CAROSI R., MARRONI M. & ANCORA D. (1992) - Il sistema idrotermale di S. Giuliano Terme (Pisa): note di geologia, idrogeologia e geochemica. *Boll. Soc. Geol. It.*, 111, 303-313, Tipografia Ist. Salesiano Pio XI, Roma, 1991.
- A11) CAROSI R., MUSUMECI G. & PERTUSATI P.C. (1992) - Differences in the structural evolution of tectonic units in Central-Southern Sardinia. *Boll. Soc. Geol. It.*, 110 (1991), 543-551, Tipografia Ist. Salesiano Pio XI, Roma, 1991.
- A12) CARMIGNANI L., CAROSI R., DISPERATI L., FUNEDDA A., MUSUMECI G., PASCI S. & PERTUSATI P.C. (1992) - Tertiary transpressional tectonics in NE Sardinia, Italy. In: *Contribution to the Geology of Italy*. L. Carmignani & F.P. Sassi Eds. *I.G.C.P. n. 276, Newsletter vol. 5*, 83-96, Centrooffset, Siena, dicembre 1992.
- A13) CAROSI R. (1992) - Finite strain determination in the tectonic units of the Central-Southern Sardinia. *Boll. Soc. Geol. It.*, 110 (1991), 675-683, Tipografia Ist. Salesiano Pio XI, Roma, 1992
- A14) CAROSI R., MUSUMECI G., PERTUSATI P.C. & CARMIGNANI L. (1992) - The Hercynian backthrusts of Eastern Iglesiente (SW Sardinia): an example of inversion tectonics. In: *Contribution to the Geology of Italy*. L. Carmignani & F.P. Sassi Eds. *I.G.C.P. n. 276, Newsletter vol. 5*, 97-105, Centrooffset, Siena, dicembre 1992.

- A15) CARMIGNANI L., PERTUSATI P.C., BARCA S., CAROSI R., DI PISA A., GATTIGLIO M., MUSUMECI G. & OGGIANO G. (1992) - Struttura della catena ercinica in Sardegna. Guida all'escursione. Edito dal Gruppo Informale di Geologia Strutturale, Centrooffset Siena dicembre 1992, pp. 177.
- A16) CARMIGNANI L., BARCA S., CAROSI R., DI PISA A., GATTIGLIO M., MUSUMECI G., OGGIANO G. & PERTUSATI P.C. (1992) - Schema dell'evoluzione del basamento sardo. In: Struttura della catena ercinica in Sardegna. Guida all'escursione. Edito dal Gruppo Informale di Geologia Strutturale, Centrooffset Siena dicembre 1992, 11-38.
- A17) CAROSI R., GANDIN. A., GATTIGLIO M. & MUSUMECI G. (1992) - Geologia della catena ercinica in Sardegna: Zona Esterna. In: Struttura della catena ercinica in Sardegna. Guida all'escursione. Edito dal Gruppo Informale di Geologia Strutturale, Centrooffset Siena dicembre 1992, 43-75.
- A18) CAROSI R., GATTIGLIO M., MUSUMECI G. & OGGIANO G. (1992) - Geologia della catena ercinica in Sardegna: Zona a Falde. In: Struttura della catena ercinica in Sardegna. Guida all'escursione. Edito dal Gruppo Informale di Geologia Strutturale, Centrooffset Siena dicembre 1992, 77-145.
- A19) ELTER F.M., CAROSI R., GHEZZO C., PALMERI R. & SARRIA E. (1992) - Descrizione degli stop nella Sardegna Settentrionale: Baronie. In: Struttura della catena ercinica in Sardegna. Guida all'escursione. Edito dal Gruppo Informale di Geologia Strutturale, Centrooffset Siena dicembre 1992, 171-177.
- A20) CAROSI R., LEONI L. & TAMPONI M. (1993) - Temperature del metamorfismo nell'Unità di S. Maria del Giudice (Monti Pisani, Appennino Settentrionale). Atti Soc. Tosc. Sc. Nat., Mem. ser. A, 99 (1992), 161-173, Pacini Editore, Pisa, 1993.
- A21) CARMIGNANI L., CAROSI R., DI PISA A., GATTIGLIO M., MUSUMECI G., OGGIANO G. & PERTUSATI P.C. (1994) - The Hercynian chain in Sardinia (Italy). *Geodinamica Acta*, 7, 1, 31-47, Paris, 1994.
- A22) Capponi G., Carosi R., Meccheri M. & Oggiano G. (1994) - Strain determination and tectonic evolution in the Millen Range area (Northern Victoria Land, Antarctica). *Terra Antarctica*, 1, 63-66, Tipografia Senese, Siena, 1994.
- A23) Capponi G., Carosi R., Meccheri M. & Oggiano G. (1995) - Replay to comment on "Strain determination and tectonic evolution in the Millen Range area (Northern Victoria Land, Antarctica)". *Terra Antarctica*, 2 (1), 67-69, Tipografia Senese, Siena, 1995.
- A24) CAROSI R., MECCHERI M., MUSUMECI G., PERTUSATI P.C., RICCI C.A. & TALARICO F. (1994) - Structural and metamorphic geology of the southern Wilson Terrane (Northern Victoria Land, Antarctica) Deep Freeze Range-Prince Albert Mountains. IX Italian Antarctic Research Program - Earth Sciences, Field Data Report, 9-11, Tipografia Senese, Siena, 1994..
- A25) CAROSI R., MONTOMOLI C & PERTUSATI P.C. (1995) - Zone di taglio nel dominio toscano interno (Appennino Settentrionale). Atti Soc. Tosc. Sc. Nat. Mem., serie A, 101 (1994), 187-200, Pacini Editore, Pisa, 1995.
- A26) BAKALLI F., Bortolotti V., Carosi R., Marcucci M., Marroni M., Prella M., Pandolfi L., Principi G., Kodra A., Pirdeni A., Mustafa F. (1995) - Disa saktesimalite dhe ofiolitite, bazamentit dhe mbuleses se tyre ne baze te studimit te radiolariteve. *Buletini j Shkencave Gjeologjike*, 2 (1995), 5-16, Tirana, 1995.
- A27) Capponi G., Carosi R., Meccheri M. & Oggiano G. (1996) - Structural analysis and strain determinations in the Millen Range area (Northern Victoria Land, Antarctica). In: "Mariner Volume" (F. Tessenhon e Ricci C.A. Eds.), *Geol. Jahrbuch, Reihe B*, vol. 89, special issue, Hannover, in stampa.
- A28) CAROSI R., CERBAI N. & MONTOMOLI C. (1996) - The F2 folds of the verrucano as records of extensional tectonics in the Northern Apennines (Italy). *Compte Rendus de l'Academie des Sciences*,

Paris, 322, serie II a (9), 773-780, Paris, Gauthier-Villars, 1996.

- A29) CAROSI R., KODRA A., MARRONI M. & MUSTAFA F. (1996) - Mirdita Ophiolite Project: Deformation history of Jurassic Kalur cherts from the Mirdita Nappe, Western Albanian Ophiolites. *Ofioliti*, Special Issue, 21 (1), 41-45, Edizioni ETS, Pisa, settembre 1996.
- A30) CAROSI R., CERBAI N. & MONTOMOLI C. (1996) - Tettonica compressiva ed estensionale nel Verrucano dell'Appennino Settentrionale. *Studi Geologici Camerti*, Volume Speciale: Atti del Convegno "Geodinamica e tettonica attiva del sistema "Tirreno-Appennino". Camerino, 9-10 febbraio 1995, 1995/1, 269-278, Università degli studi di Camerino, Camerino, 1996.
- A31) Campetti A., Carosi R., Decandia F.A., Elter P., Lazzarotto A., Montomoli C., Pertusati P.C. & Polverosi B. (1996) - Deformazioni sin e post-accavallamenti nei Monti dell'Uccellina (Toscana meridionale). *Studi Geologici Camerti*, Volume Speciale: Atti del Convegno "Geodinamica e tettonica attiva del sistema "Tirreno-Appennino". Camerino, 9-10 febbraio 1995, 1995/1, 225-233, Università degli Studi di Camerino, Camerino, 1996.
- A32) CAROSI R. & MALFATTI G. (1996) - Analisi strutturale e caratteri della deformazione duttile nell'Unità di Meana Sardo, Sardegna centrale, Italia. *Atti Soc. Tosc. Sc. Nat., Mem., ser. A*, 102 (1995), 121-136, Pacini Editore, Pisa, 1996.
- A33) CAROSI R., CORTESOGNO L., GAGGERO L. & MARRONI M. (1996) - Geological and petrological features of the metamorphic sole from the Western ophiolites, Mirdita area, Albania. *Ofioliti*. Special Issue, 21 (1), 21-40, Edizioni ETS, Pisa, settembre 1996.
- A34) CAROSI R., PERILLO M., PERTUSATI P.C. & GATTIGLIO M. (1996) - Risultati preliminari dello studio strutturale del Complesso del Sulcis meridionale (Sardegna SW). *Atti Soc. Tosc. Sc. Nat., Mem., serie A*, 102 (1995), 105-116, Pacini Editore, Pisa, 1996.
- A35) GIORGETTI G., FREZZOTTI M.L., CAROSI R., MECCHERI M. & TOURET J.L.R. (1997) - Carbonic fluid evolution in syntectonic veins in metapelites and marbles from Priestley Formation (Northern Victoria Land, Antarctica). In: *Antarctic region: Geological Evolution and processes* (Ricci C.A. ed.), 279-28, Tipografia Senese, Terra Antartica publication Siena, 1997, ISBN 88-900221-0-8.
- A36) CAROSI R., CERBAI N. & MONTOMOLI C. (1997) - Deformation history of the Verrucano of Pisani Mts. (Northern Apennines, Italy). *Annales Tectonicae*, 9 (1995), 1/2, 55-74, Mozzon Giuntina S.p.A. - "Il Sedicesimo", Firenze, gennaio 1997.
- A37) CAROSI R. & MONTOMOLI C. (1997) - Transected fold nel Verrucano dei Monti Pisani (Appennino Settentrionale). *Atti Soc. Tosc. Sc. Nat., Mem., serie A*, 103 (1996), 87-93, Pacini Editore, Pisa, 1997.
- A38) CAROSI R., PERTUSATI P. C. & VISONA' D. (1997) - Geologia del Cristallino dell'Alto Himalaya e del Tibet meridionale nella regione del Cho-Oyu, Everest e Makalu (Nepal orientale). *Acqua e Aria* n°5, Arti Poligrafiche Europee, Milano, maggio 1997, 84-87.
- A39) CAROSI R., PERILLO M. & PERTUSATI P.C. (1998) - Structural evolution of the Southern Sulcis Metamorphic Complex (SW Sardinia, Italy). *C. R. Acad. Sci. Paris, Sciences de la terre et des planètes/Earth & Planetary Sciences*, 326, 505-512, Paris, Elsevier Gauthier-Villars, 1998.
- A40) CAROSI R., LOMBARDO B., MOLLI G., MUSUMECI G. & PERTUSATI P.C. (1998) The South Tibetan Detachment in the Rongbuk valley, Everest region. Deformation features and geological implications. *Journal of Asian Earth Science*, special issue (M. Gaetani & B. Windley Eds.), 16 (2-3), 239-252, Elsevier, Great Yarmouth (Great Britain), 1998.
- A41) CAROSI R. & MONTOMOLI C. (1998) - Relazioni tra pieghe e lineazioni di estensione nel Verrucano dei Monti Pisani (Appennino Settentrionale). *Atti Ticinensi di Scienze della Terra*, 1998 (Serie speciale), 7, 39-58, Edizioni New Press, Como, 1998.
- A42) CAROSI R., MUSUMECI G. & PERTUSATI P.C. (1999) - Extensional tectonics in the Higher

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