

Curriculum Vitae Sara Carena

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EDUCATION

2003 Ph.D. in geology, Princeton University, USA.

1995 Laurea in geology, State University of Milano, Italy.

PROFESSIONAL EXPERIENCE

2007 – Present Postdoctoral scholar in geology, LMU Munich, Germany.

2005 – 2006 Maternity leave.

2004 – 2005 Visiting researcher, Princeton University, USA.

2003 – 2004 Maternity leave.

1997 – 2003 Ph.D. candidate, Dept. of Geosciences, Princeton University, USA.

1996 – 1997 Research fellow, National Institute of Geophysics and Volcanology, Roma, Italy.

1995 – 1996 Consultant in hydrogeology, Polytechnic of Milano, Italy.

PUBLICATIONS

Carena S., Moder C. (2009) – The strength of faults in the crust in the western USA. *Earth Planet. Sci. Lett.*, *in press*, doi: 10.1016/j.epsl.2009.08.021

Plesch, A., Shaw J.H., Benson C., Bryant W.A., **Carena S.**, Cooke M., Dolan J., Fuis G., Gath E., Grant L., Hauksson E., Jordan T., Kamerling M., Legg M., Lindvall S., Magistrale H., Nicholson C., Niemi N., Oskin M., Perry S., Planansky G., Rockwell T., Shearer P., Sorlien C., Süß M.P., Suppe J., Treiman J., and R. Yeats (2007) - Community Fault Model (CFM) for Southern California. *Bull. Seismol. Soc. Am.*, 97, 1793-1820, doi: 10.1785/0120050211.

Carena S., Suppe J., Kao H. (2004) - Lack of Continuity of the San Andreas Fault in southern California: 3-D fault models and earthquake scenarios. *J. Geophys. Res.*, 109, B04313, doi:10.1029/2003JB002643.

Carena S., Suppe J., Kao H. (2002) - The active detachment of Taiwan illuminated by small earthquakes and its control of first-order topography. *Geology*, 30 (10), 935 - 938.

Carena S., Suppe J. (2002) - 3-D Imaging of Active Structures Using Earthquake Aftershocks: the Northridge Thrust, California. *J. Struct. Geol.*, 24, 887-904.

Carena S., Borgia A., Battaglia A., Pasquare' G., Ferraris M., Martelli L., De Nardo M. T. (2000) - Gravity Synclines. *J. Geophys. Res.*, 105, 21819-21833.