

Alessandro Amorosi – Curriculum Vitae

Professore Ordinario dal 2002, presso il Dipartimento di Scienze Biologiche, Geologiche e Ambientali dell'Università di Bologna. Svolge attività di ricerca nel campo della stratigrafia sequenziale, con particolare riferimento allo sviluppo di modelli concettuali funzionali alla caratterizzazione geometrica di *reservoir*, alla stima della pericolosità sismica e all'identificazione di situazioni di potenziale contaminazione ambientale.

Formazione

Laureato in Scienze Geologiche nel 1986 presso il Dipartimento di Scienze della Terra dell'Università di Bologna, consegue un primo Dottorato di Ricerca in Scienze della Terra presso l'Università di Bologna ed un secondo Dottorato en Sciences de la Terre, nel 1993, presso l'Université Pierre et Marie Curie (Paris VI) di Parigi.

Riceve il titolo di Doctor Communis Europae (1993) presso l'Université Paris VI, di Parigi, per dissertazione e *soutenance* in tre lingue dell'Unione Europea (Inglese, Francese, Italiano) di fronte ad una commissione composta da commissari di tre Paesi dell'Unione Europea.

Carriera accademica

2022-2002: Professore Ordinario, Dipartimento di Scienze Biologiche, Geologiche e Ambientali, Università di Bologna

2002-1997: Ricercatore, presso il Dipartimento di Scienze della Terra e Geologico-Ambientali dell'Università di Bologna

1997-1989: Consulente, Servizio Geologico, Regione Emilia-Romagna

Indicatori bibliometrici (Scopus)

153 pubblicazioni scientifiche

H-index: 41

Citazioni (marzo 2023): 5.628

Finanziamenti alla Ricerca in qualità di PI (totale: 2,7 M€)

- 2025-2023: PRIN 2022: Refining the sequence stratigraphic model through high-resolution onshore-offshore correlation (ON/OFF): The late Quaternary succession of the Po-Adriatic system, MUR, 219.744 EUR
- 2026-2022: Progetto CARG - Foglio 183 Suzzara, ISPRA, 350.000 EUR
- 2024-2020: Progetto CARG - Foglio 184 Mirandola, ISPRA, 350.000 EUR
- 2023-2019: PRIN 2017: The Po-Adriatic Source-to-Sink system (PASS): from modern sedimentary processes to millennial-scale stratigraphic architecture, MIUR, 641.000 EUR
- 2021-2019: Rilevamento stratigrafico per il rilevamento della pericolosità sismica della pianura ferrarese e ravennate, Servizio Geologico, Sismico e dei Suoli, Regione Emilia-Romagna. 50.809 EUR
- 2017-2014: Quaternary sequence stratigraphy of the Po Plain-Northern Adriatic system: ExxonMobil Upstream Research Houston, USA. 725.000 USD
- 2016-2014: European GeoMol project, Assessing subsurface potentials of the Alpine Foreland Basins for sustainable planning and use of natural resources: Regione Lombardia
- 2014-2007: Background values of potentially toxic metals in soils of the Po Plain: Servizio Geologico, Sismico e dei Suoli, Regione Emilia-Romagna
- 2009-2008: Subsurface stratigraphy along the Bologna Underground Line 1: GEODATA
- 2006-2004: Carta pedogeochimica della pianura emiliano-romagnola: Servizio Geologico, Sismico e dei Suoli, Regione Emilia-Romagna, Regione Emilia-Romagna
- 2006-2004: EUROMARGINS project: Links between sequence stratigraphy and the mineralogical, geochemical and reservoir-quality evolution of deep-marine clastic deposits European Science Foundations
- 2005: "Progetto strategico di Ateneo": Late Quaternary climatic evolution of the Mediterranean area: Università di Bologna

Valutazione della Ricerca

- Alessandro Amorosi è Delegato alla Ricerca del BiGeA (Dipartimento di Scienze Biologiche, Geologiche e Ambientali) dal giugno 2021.

- Ricerca Fondamentale Orientata. Nell'ambito dell'assegnazione dipartimentale RFO relativa agli anni 2002-2022, Alessandro Amorosi si è classificato per 21 anni consecutivi nella prima fascia di attribuzione

- Valutazione della Ricerca di Ateneo: Alessandro Amorosi è risultato in classe AAA in tutti gli anni della valutazione, a partire dal 2015.

- VQR nazionale: Alessandro Amorosi ha ricevuto 3 valutazioni di eccellenza su 3 prodotti presentati per la VQR 2004-2010, 2 valutazioni di eccellenza su 2 prodotti presentati per la VQR 2011-2014 e 4 valutazioni di eccellenza su 4 prodotti presentati per la VQR 2015-2018.

- Alessandro Amorosi è stato responsabile di Area 04 nella Commissione di Valutazione della Ricerca di Ateneo dell'Università di Bologna nel periodo 2013-2020.

Presentazioni a Congressi Scientifici

circa 160 (di cui circa 110 in Congresso Internazionale)

Attività istituzionali e incarichi accademici

Alessandro Amorosi è attualmente Delegato alla Ricerca presso il Dipartimento di Scienze Biologiche, Geologiche e Ambientali dell'Università di Bologna. Ha fatto parte dal 2014 al 2020 della Commissione di Valutazione della Ricerca di Ateneo (VRA), in qualità di rappresentante di Area 04. E' stato inoltre valutatore nell'ambito della VQR nazionale; tre volte commissario per concorsi da Primo Ricercatore e Ricercatore presso il CNR; ha fatto parte della commissione di finanziamento di Progetti FARB dell'Ateneo di Bologna; ha partecipato a commissioni internazionali di dottorato in Australia, Francia, Svezia e Paesi Bassi e a commissioni HDR in Francia; è stato valutatore di progetti di ricerca competitivi in USA, Cile, Paesi Bassi, Germania, Francia, Svizzera e Belgio. Ha infine partecipato a circa 50 Commissioni di Valutazione presso università italiane per posti da Professore Ordinario, Professore Associato, Ricercatore a Tempo Indeterminato, ricercatore RTD, Dottorato di Ricerca.

Attività editoriale e di revisione 2005-2022 per riviste scientifiche internazionali ISI

Editor-in-Chief:

- Direttore di "GeoActa - an International Journal of Earth Sciences" (2002-2013)

Editorial Board Member:

- "Quaternary International" (2016-2021)
- "China Geology" (2023-)
- "Marine Geology" (2023-)
- Sustaining Outstanding Reviewer per Marine Geology (2018-2019).

Revisore di 225 articoli scientifici su 52 riviste ISI (2005-2022):

Scientific Reports, Earth-Science Reviews, Geology, Sedimentary Geology, Sedimentology, Palaeo-3, Journal of Sedimentary Research, Quaternary International, Marine Geology, Clays and Clay Minerals, Quaternary Science Reviews, Journal of Geophysical Research, Engineering Geology, Global and Planetary Change, The Holocene, Environmental Pollution, Environmental Earth Sciences, Continental Shelf Research, Geological Society of America Bulletin, Basin Research, Terra Nova, Geological Journal, Marine and Petroleum Geology, Journal of South American Earth Sciences, Plos One, International Journal of Environmental Analytical Chemistry, Quaternary, Journal of Coastal Conservation, Geobios, Journal of the Geological Society, Journal of Archaeological Science, Geoarchaeology, Geological Magazine, Journal of Geochemical Exploration, Journal of Quaternary Science, Journal of Asian Earth Sciences, Journal of African Earth Sciences, Arabian Journal of Earth Sciences, Precambrian Research, Chemosphere, Pedosphere, Catena, Quaternary Research, Science of the Total Environment, Minerals, Climate of the Past, Journal of

Petroleum Science and Engineering, Radiocarbon, The Depositional Record, Geosciences, The Holocene, International Journal of Coal Geology.

Incarichi didattici:

Titolare dell'insegnamento fondamentale di **Stratigrafia e Sedimentologia** (8 CFU) per il Corso di Laurea Triennale Scienze Geologiche

Titolare dell'insegnamento fondamentale di **Metodi Avanzati di Analisi Stratigrafica** (7 CFU) per il Corso di Laurea Magistrale in Geologia e Territorio, indirizzo Risorse fluide

Co-titolare dell'insegnamento fondamentale di **Global Climate Changes in the Geological Past** (Modulo 1 - 3 CFU, in inglese) per il Corso di Laurea Magistrale in Science of Climate

Lingue straniere

Inglese, Francese: fluente

Tedesco, Spagnolo: conoscenza base

Elenco delle pubblicazioni di ALESSANDRO AMOROSI

Tesi di Laurea e di Dottorato

Amorosi A., 1986. La sinclinale di S. Sofia e S. Piero in Bagno nell'Appennino forlivese: analisi di facies con rilevamento. Tesi di laurea, Università di Bologna, 146pp.

Amorosi A., 1992. Stratigrafia e sedimentologia del Miocene epiligure tra le valli del Panaro e del Marecchia (Appennino settentrionale). Tesi di Dottorato - IV Ciclo, Università di Bologna. 205 pp.

Amorosi A., 1993. Intérêt des niveaux glauconieux et volcano-sédimentaires en stratigraphie: exemple de dépôts de bassins tectoniques miocènes des Apennins et comparaison avec quelques dépôts de plate-forme stable. Thèse de Doctorat, Label Européen. Mémoires des Sciences de la Terre n° 93-12, Université Pierre et Marie Curie, Paris, p. 194.

Pubblicazioni Scientifiche

Amorosi A., 1987. Analisi delle relazioni stratigrafiche tra la "Marnoso-Arenacea" e le "Marne di Verghereto" nella sinclinale di S. Piero in Bagno (Appennino Forlivese). *Giornale di Geologia*, 49/2, 103-110.

Amorosi A., 1990. Analisi di facies e stratigrafia sequenziale della Formazione di Bismantova ad est del Fiume Panaro ("placca" di Zocca-Montese, Appennino Modenese). *Giornale di Geologia*, 52/1-2, 159-177.

Valloni R., **Amorosi A.**, Cibin U., De Donatis M., De Nardo M.T., Farina M., Ghiselli F., Martelli L., Martini A., Ottria G., Piccin A., Pizziolo M. & Severi P., 1991. Schema di proposta di classificazione macroscopica delle areniti. In: *Notiziario Gruppo Informale Sedimentologia CNR*, 8, 1-8; in supplemento al Vol. 52/1990 del *Giornale di Geologia*.

Valloni R., **Amorosi A.**, Cibin U., De Donatis M., De Nardo M.T., Farina M., Ghiselli F., Martelli L., Martini A., Ottria G., Piccin A., Pizziolo M. & Severi P., 1991. Proposta di classificazione macroscopica delle areniti. *Acta Naturalia de l'Ateneo Parmense*, 27/1-4, 5-26.

Amorosi A., 1992. Correlazioni stratigrafiche e sequenze deposizionali nel Miocene epiligure delle Formazioni di Bismantova, S. Marino e M. Fumaiolo (Appennino settentrionale). *Giornale di Geologia*, 54/1, 95-105.

Bortolotti V., **Amorosi A.**, Bartolini C., Bettelli G., Bruni P., Capozzi R., Carton A., Castellarin A., Coli M., Conti S., Fazzuoli M., Forti P., Landuzzi A., Negri A., Pandeli E., Panini F., Pellegrini M., Pini G.A., Pranzini G., Sani F., Treves B., Vai G.B., Vernia L., Zanzucchi G. & Zuffa G.G., 1992. Appennino Tosco-Emiliano, parte generale. *Guide Geologiche Regionali*, 13-94.

Amorosi A., Bortolotti V. & Pini G.A., 1992. Da Bologna al Passo della Raticosa, Loiano, Vergato, Bologna. Le Successioni Liguri e Epiliguri dell'Appennino bolognese. Appennino Tosco-Emiliano, Itinerario n. 6, *Guide Geologiche Regionali*, 182-197.

Bortolotti V., Bruni P., Conti S., Sani F. & **Amorosi A.**, 1992. Dal Valdarno a San Marino. L'Unità Cervarola-Falterona, la Successione Marchigiano-romagnola e i terreni liguri ed epiliguri della coltre della Val Marecchia. Appennino Tosco-Emiliano, Itinerario n. 12, *Guide Geologiche Regionali*, 269-300.

Amorosi A., 1993. Use of glauconies for stratigraphic correlation: review and case histories. *Giornale di Geologia*, 55/1, 117-137.

Amorosi A., Colalongo M.L. & Vaiani S., 1993. Le unità epiliguri mioceniche nel settore emiliano dell'Appennino Settentrionale. *Biostratigrafia, stratigrafia sequenziale e implicazioni litostratigrafiche. Paleopelagos*, 3, 209-241.

- Amorosi A.**, Caporale L., Di Dio G., Farina M., Preti D. & Severi P., 1994. A proposed methodology for geological surveying and mapping of alluvial plains: the example of the Po Plain in the Bologna area. 1st European Congress on Regional Geological Cartography and Information Systems, Bologna (Italy), June 13-16, 1994. Volume 5, 1-15.
- Amorosi A.** & Farina M., 1994. Stratigrafia della successione quaternaria continentale della pianura bolognese mediante correlazione di dati di pozzo. 1st European Congress on Regional Geological Cartography and Information Systems, Bologna (Italy), June 13-16, 1994. Volume 5, 16-34.
- Amorosi A.** & Farina M., 1994. Sequenze deposizionali nei depositi alluvionali quaternari del primo sottosuolo nell'area a est di Bologna, tra il T. Savena e il T. Idice. 1st European Congress on Regional Geological Cartography and Information Systems, Bologna (Italy), June 13-16, 1994. Volume 5, 35-54.
- Amorosi A.**, 1994. The glaucony-bearing horizon of the Lower Miocene Bisciaro Formation (Umbria-Marche Apennines). *Giornale di Geologia*, 56/1, 7-16.
- Amorosi A.**, Coccioni R. & Tateo F., 1994. The volcanoclastic bodies in the Lower Miocene Bisciaro Formation (Umbria-Marche Apennines, central Italy). *Giornale di Geologia*, 56/1, 33-46.
- Amorosi A.** & Spadafora E., 1995. The upper Serravallian unconformity in the Epi-Ligurian units of the Bologna Apennines. *Atti del Convegno "Rapporti Alpi-Appennino"*, Peveragno (CN), 31 Maggio-1 Giugno 1994. *Scritti e Documenti dell'Accademia Nazionale delle Scienze*, 14, 69-86.
- Amorosi A.**, 1995. Glaucony and sequence stratigraphy: a conceptual framework of distribution in siliciclastic sequences. *Journal of Sedimentary Research*. B65-4, 419-425.
- Amorosi A.**, Ricci Lucchi F. & Tateo F., 1995. The Lower Miocene siliceous zone: a marker in the palaeogeographic evolution of the northern Apennines. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 118, 131-149.
- Amorosi A.** & Farina M., 1995. Large-scale architecture of a thrust-related alluvial complex from subsurface data: the Quaternary succession of the Po Basin in the Bologna area (northern Italy). *Giornale di Geologia*, 57/1-2, 3-16.
- Amorosi A.**, Colalongo M.L. & Vaiani S.C., 1996. Revisione litostratigrafica dell'unità Bismantova (Miocene epiligure, Appennino Settentrionale). *Bollettino della Società Geologica Italiana*, 115, 355-367.
- Amorosi A.**, Farina M., Severi P., Preti D., Caporale L. & Di Dio G., 1996. Genetically related alluvial deposits across active fault zones: an example of alluvial fan-terrace correlation from the upper Quaternary of the southern Po Basin, Italy. *Sedimentary Geology*, 102, 275-295.
- Amorosi A.**, Colalongo M.L. & Vaiani S.C., 1996. Detecting a sequence boundary across different tectonic domains: an example from the Middle Miocene of the northern Apennines (Italy). *Terra Nova*, 8, 334-346.
- Amorosi A.**, 1997. Detecting compositional, spatial, and temporal attributes of glaucony: a tool for provenance research. *Sedimentary Geology*, 109, 135-153.
- Amorosi A.**, Centineo M.C. & d'Atri A., 1997. Lower Miocene glaucony-bearing deposits in the SE Tertiary Piedmont Basin (northern Italy). *Rivista Italiana di Paleontologia e Stratigrafia*, 103-1, 101-110.
- Amorosi A.**, 1997. Miocene shallow-water deposits of the northern Apennines: a stratigraphic marker across a dominantly turbidite foreland-basin succession. *Geologie en Mijnbouw*, 75, 295-307.
- Odin G.S., **Amorosi A.**, Tateo F., Coccioni R., Cosca M., Negri A., Pini G.A. & Hunziker J.C., 1997. Integrated stratigraphy (biostratigraphy and geochronology) of the Early Miocene sequence from the Emilia apennines (Italy). In: A.Montanari, G.S. Odin & R. Coccioni (Eds.), *Miocene Stratigraphy - An Integrated Approach*, *Developments in Palaeontology and Stratigraphy*, 15, Elsevier, 221-247.
- Odin G.S., Miculan P., Cosca M., Tateo F., **Amorosi A.** & Hunziker J.C., 1997. Biostratigraphy and geochronology of an early Serravallian volcanoclastic layer from Sicily. In: A.Montanari, G.S. Odin & R. Coccioni (Eds.), *Miocene Stratigraphy - An Integrated Approach*, *Developments in Palaeontology and Stratigraphy*, 15, Elsevier, 351-361.

Amorosi A. & Centineo M.C., 1997. Glaucony from the Eocene of the Isle of Wight (southern UK): implications for basin analysis and sequence-stratigraphic interpretation. *Journal of the Geological Society, London*, 154, 887-896.

Amorosi A., Caporale L., Farina M., Preti D. & Severi P., 1997. Late Quaternary sedimentation at the southern margin of the Po Basin (northern Italy). *Geologia Insubrica*, 2/2, 149-159.

Amorosi A., Barbieri M., Castorina F., Colalongo M.L., Pasini G. & Vaiani S.C., 1998. Sedimentology, micropalaeontology, and strontium-isotope dating of a lower-middle Pleistocene marine succession ("Argille Azzurre") in the Romagna Apennines, northern Italy. *Bollettino della Società Geologica Italiana*, 117, 789-806.

Amorosi A., Ricci Lucchi F. & Severi P., 1998. Le Sabbie di Imola (Pleistocene medio) nel pedeappennino bolognese. Guida alle Escursioni, Riunione Scientifica Annuale del Gruppo Informale di Sedimentologia - CNR, Bologna 6-9 Ottobre 1998, 26-50.

Amorosi A., Caporale L., Cibin U., Colalongo M.L., Pasini G., Ricci Lucchi F., Severi P. & Vaiani S.C., 1998. The Pleistocene littoral deposits (Imola Sands) of the northern Apennines foothills. *Giornale di Geologia*, 60, 83-118.

Amorosi A., Colalongo M.L., Pasini G. & Preti D., 1999. Sedimentary response to Late Quaternary sea-level changes in the Romagna coastal plain (northern Italy). *Sedimentology*, 46, 99-121.

Amorosi A., Colalongo M.L., Fusco F., Pasini G. & Fiorini F., 1999. Glacio-eustatic control of continental-shallow marine cyclicity from Late Quaternary deposits of the south-eastern Po Plain (Northern Italy). *Quaternary Research*, 52, 1-13.

Amorosi A. & Marchi N., 1999. High-resolution sequence stratigraphy from piezocone tests: an example from the Late Quaternary deposits of the SE Po Plain. *Sedimentary Geology*, 128, 69-83.

Severi P., Bini A., Carraro F., Ricci Lucchi F., **Amorosi A.**, Di Dio G., D'Orefice M., Martelli L., Pellegrini G.B., Piccin A., Preti D., Toffoletto F. & Tomassetti C., 1999. La carta geologica di pianura in scala 1:50.000 - Linee guida per il rilevamento e la cartografia, Servizio Geologico Nazionale, 1997, 1-12.

Note illustrative della Carta Geologica d'Italia alla scala 1:50.000, Foglio 223 - Ravenna, 1999. Servizio Geologico d'Italia. A cura di **A. Amorosi**, 1-144.

Amorosi A. & Centineo M.C., 2000. Anatomy of a condensed section: the Lower Cenomanian glaucony-rich deposits of Cap Blanc-Nez (Boulonnais, Northern France). In: C.R. Glenn, L. Prévôt-Lucas & J. Lucas (Eds.), *Marine Authigenesis: From Global to Microbial*. SEPM Special Publication 66, 405-413.

Marchesini L., **Amorosi A.**, Cibin U., Zuffa G.G., Spadafora E. & Preti D., 2000. Sand composition and sedimentary evolution of a Late Quaternary depositional sequence, northwestern Adriatic Coast, Italy. *Journal of Sedimentary Research*, 70, 829-838.

Amorosi A., Centineo M.C. & Severi P., 2000. Stratigrafia dei depositi tardoquaternari lungo la sezione Bologna-Valli di Comacchio (Pianura Padana sud-orientale). *Atti del Convegno "Le Pianure: Conoscenza e Salvaguardia"*, Ferrara, 8-11 novembre 1999, 311-314.

Amorosi A., Asioli A., Bondesan M., Cibin U., Colalongo M.L., Correggiari A., Pasini G., Preti D., Roveri M., Sarti G., Severi P., Stefani M., Trincardi F., Vaiani S.C. & Vincenzi S., 2000. Dalle conoidi pedemontane al mare aperto: l'architettura stratigrafica tardo-quaternaria dell'Adriatico settentrionale e della pianura costiera emiliano-romagnola. *Atti del Convegno "Le Pianure: Conoscenza e Salvaguardia"*, Ferrara, 8-11 novembre 1999, 191-194.

Amorosi A. & Milli S., 2001. Late Quaternary depositional architecture of Po and Tevere river deltas (Italy) and worldwide comparison with coeval deltaic successions. *Sedimentary Geology*, 144, 357-375.

Odin G.S. & **Amorosi A.**, 2001. Interpretive reading of the Campanian-Maastrichtian deposits at Tercis-les-Bains: sedimentary breaks, rhythms, accumulation rate, sequences. In: G.S. Odin (Ed.), *The Campanian-Maastrichtian Stage Boundary: Characterization at Tercis-les-Bains (France) and Correlation with Europe and other Continents*. IUGS Special Publication (monograph) Series, 36; *Developments in Palaeontology and Stratigraphy*, 19, Elsevier Sciences Publ. Amsterdam, chap. B1c, 120-133.

Amorosi A., Forlani L., Fusco F. & Severi P., 2001. Cyclic patterns of facies and pollen associations from Late Quaternary deposits in the subsurface of Bologna. *GeoActa*, 1, 83-94.

Amorosi A., Centineo M.C., Dinelli E., Lucchini F. & Tateo F., 2002. Geochemical and mineralogical variations as indicators of provenance changes in Late Quaternary deposits of SE Po Plain. *Sedimentary Geology*, 151, 273-292.

Amorosi A., Scarponi D. & Ricci Lucchi F., 2002 Palaeoenvironmental changes in the Pliocene Intra-Appenninic Basin, near Bologna (Northern Italy). *Geobios*, 35, Mémoire spécial 24, 7-18.

Ketzer J.M., Morad S. & **Amorosi A.**, 2003. Predictive diagenetic clay-mineral distribution in siliciclastic rocks within a sequence stratigraphic framework. In: R.H. Worden and S. Morad (Eds.), *Clay Mineral Cementation in Sandstones*, IAS Special Publication 34, 42-59.

Amorosi A., Centineo M.C., Colalongo M.L., Pasini G., Sarti G. & Vaiani S.C., 2003 Facies architecture and latest Pleistocene-Holocene depositional history of the Po Delta (Comacchio area), Italy. *Journal of Geology*, 111, 39-56.

Amorosi A., 2003. Glaucony and verdine. In: *Encyclopedia of Sedimentary Rocks*, G.V. Middleton (Ed.), Kluwer Academic Publishers, 331-333.

Ricci Lucchi F. & **Amorosi A.**, 2003. Bedding and internal structures. In: *Encyclopedia of Sedimentary Rocks*, G.V. Middleton (Ed.), Kluwer Academic Publishers, 53-59.

Amorosi A., Colalongo M.L., Fiorini F., Fusco F., Pasini G., Vaiani S.C. & Sarti G., 2004. Palaeogeographic and palaeoclimatic evolution of the Po Plain from 150-ky core records. *Global and Planetary Change*, 40, 55-78.

Amorosi A., Cibir U., Severi P., Stefani M., Gabbianelli G., Simeoni U. & Vincenzi S., 2004. Late Quaternary evolution of the Po Plain from surface and subsurface data: a traverse from the Apennines to the Adriatic Sea. 32nd International Geological Congress, Florence, Field Trip Guide Book – B24, 1-20.

Amorosi A., 2004. Po Plain. In: F. Antonioli & G.B. Vai (Eds.), *Climex Maps Italy - explanatory notes*, 39.

Antonioli F., Lambeck K., **Amorosi A.**, Belluomini G., Correggiari A., Devoti S., Demuro S., Monaco C., Marocco R., Pagliarulo R., Orrù P. & Silenzi S., 2004. Sea level at 8 and 22 ka cal BP along the Italian coastline. In: F. Antonioli & G.B. Vai (Eds.), *Climex Maps Italy - explanatory notes*, 11-14.

Polonia A., Gasperini L., **Amorosi A.**, Bonatti E., Bortoluzzi G., Çagatay N., Capotondi L., Cormier M.-H., Görür N., McHugh C. & Seeber L., 2004. Holocene slip rate of the North Anatolian Fault beneath the Sea of Marmara. *Earth and Planetary Science Letters*, 227, 411-426.

Amorosi A., Ricci Lucchi M., Sarti G., Vaiani S.C., Prandin S. & Muti A., 2004. Late Quaternary sedimentary evolution of the Piombino alluvial plain (western Tuscany) as revealed by subsurface data. *GeoActa*, 3, 97-106.

Amorosi A., Centineo M.C., Colalongo M.L. & Fiorini F., 2005. Millennial-scale depositional cycles from the Holocene of the Po Plain, Italy. *Marine Geology*, 222, 7-18.

Amorosi A. & Colalongo M.L., 2005. The linkage between alluvial and coeval nearshore marine successions: evidence from the Late Quaternary record of the Po River Plain, Italy. In: M.D. Blum, S.B. Marriott & S.F. Leclair (Eds.), *Fluvial Sedimentology VII. Spec. Publs int. Ass. Sediment.* 35, 257-275.

Aguzzi M., **Amorosi A.** & Sarti G., 2005. Stratigraphic architecture of Late Quaternary deposits in the lower Arno Plain (Tuscany, Italy). *Geologica Romana*, 38, 1-10.

Amorosi A. & Sammartino I., 2005. Geologically-oriented geochemical maps: a new frontier for geochemical mapping? *GeoActa*, 4, 1-12.

Amorosi A., Bassetti M., Colalongo M.L., De Nardo M.T., Filippini M., Fusco F., Preti D., Preti M. & Vaiani S.C. (2005) Con i contributi di. In Martelli L., Quagliere S., Cibir U., Severi P., Correggiari A. & Roveri M. Note Illustrative della Carta Geologica D'Italia alla scala 1:50.000 foglio 256 Rimini. Regione Emilia-Romagna, Servizio Geologico, Sismico e dei Suoli. Stampa: SELCA. ROMA: APAT - Servizio Geologico d'Italia (ITALY), 1 - 141.

Ferranti L., Antonioli F., Mauz B., **Amorosi A.**, Dai Prà G., Mastronuzzi G., Monaco C., Orrù P., Pappalardo M., Radtke U., Renda P., Romano P., Sansò P. & Verrubbi V., 2006. Markers of the last interglacial sea-level high stand along the coast of Italy: Tectonic implications. *Quaternary International*, 145-146, 30-54.

Aguzzi M., **Amorosi A.**, Castorina F., Ricci Lucchi M., Sarti G. & Vaiani S.C., 2006. Stratigraphic architecture and aquifer systems in the eastern Valdarno Basin, Tuscany. *GeoActa*, 5, 39-60.

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