

**PERSONAL INFORMATION**

*Name, Surname* Cesare Ravazzi  
*Home Address* Via Acerbis 2/d 24022 Alzano Lombardo (BG) - Italy  
*Work Address* Laboratory of Palynology and Palaeoecology, Piazza della Scienza 1 – 20126 Milano - Italy  
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*Place, Date of birth, Nationality* Alzano Lombardo 16/10/1965 – Nationality: IT  
*EEA National Identity Card* AT6802001 released 02/07/2012  
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**WORK EXPERIENCE**

*current position at National Research Council of Italy(C.N.R.)* **N. MATRICOLA** 1728  
**QUALIFICA** PRIMO RICERCATORE (*SENIOR RESEARCHER*) **LIVELLO II**  
2011-2019 Senior Researcher, C.N.R. – IDPA / IGAG  
*Dates (from – to)* 2001-2011 Researcher, C.N.R. – IDPA, Section of Milano  
1996-2001 Contract Researcher, C.N.R.- CS Geodinamica Alpina e Quaternaria, Milano

*Name and address of employer* Consiglio Nazionale delle Ricerche. Piazzale A. Moro 7 – 00187 Roma  
*Type of business or sector* Biological Sciences – Palaeobotany, Archaeobotany, Botany  
Earth and Environmental Sciences – Quaternary Ecology, Climatology;  
*Occupation or position held* Senior Researcher, CNR, Section of Milano  
*Main activities and responsibilities* Scientific Research: data production and elaboration, project coordination at national and international level (52 projects developed and accomplished between 1998 and 2018), high education (lecturing, B.Sc. final dissertations and PhD projects tutoring).

*Technical skills and principal subjects* Modern vegetation and ecosystems ecology, plant systematics of Europe - Italy, Europe, Mediterranean, North Atlantic, Macaronesia. Integrated stratigraphy and chronostratigraphy for environmental and climate reconstruction. Numerical techniques in paleoecology. Pollen analysis (Pollen, microcharcoal, Non Pollen Palynomorphs) Plant Macrofossils identification and analysis in archaeological deposits. Survey and Field description of continental and marine deposits. Coring techniques in soft sediments. IR spectrometry, LOI, magnetic properties of biological and geological materials.

**EDUCATION, TRAINING, TEACHING HABILITATIONS, ACADEMIC AWARDS**

*Dates (from – to)* 1993-94 Post-Doctoral position at the Laboratory Hugo de Vries (Univ. Amsterdam)  
1990-93 Ph.D. in Earth Sciences, Univ. of Milano (Palaeobotany).  
1984-88 Laurea (= B. Sc.) with full notes Natural Sciences, Univ Milano (phytogeography).  
*Name and type of organisation providing education and training* University of Milano, School of Doctorate in Earth Sciences, 5th cycle  
*Title and qualifications awarded* Dottorato di Ricerca in Scienze della Terra / *Ph.D. in Earth Sciences*

**Teaching habilitations – Italian National Habilitation ASN):**

Botany (“Seconda Fascia” i.e. lecturer - valid 2019-2024)  
Physical Geography (“Seconda Fascia” i.e. lecturer - valid 2013-2024)

*PhD Thesis* Environmental and climate change at the southern fringe of the Alps in the Early Pleistocene. Stratigraphy and pollen analysis of the Leffe succession. Univ. of Milano. A.A. 1991/92. 269 pp.

<i>Languages</i>	<b>Italian</b> Native language; <b>English</b> B2 Advanced Intermediate; <b>French</b> Good; <b>Spanish</b> Good A2
<i>Bibliometric indicators</i>	H index 29 (Google Scholar), Total Cit 2822 (ResearchGate) 2757 (Google Scholar).

## TEACHING AND TUTORING

<i>Teaching</i>	1994-2008	Professore a contratto (Lecturer) Evolution in plants, University of Milano
	2002-2007	Professore a contratto (Lecturer) Quaternary Ecology, Univ. Milano-Bicocca
	2000	Professeur invité à l'Université Paris Sud, Laboratoire de Géochronologie
	1997	Visiting professor at the Dept. Botany. University of Washington
<i>Tutoring</i>	Tutor/cotutor of 61 B.Sc. final dissertations; cotutor of 7 Ph.D. Thesis; advisor of 5 post-graduate research fellows (+ 2ongoing); Expert Jury and Member of 2 Doctoral Commissions - final defence PhD. (Academic Years 1989 to 2019)	

## RESEARCH ACTIVITIES

*Research sectors* Plant diversity and structure of modern terrestrial and freshwater ecosystems (Europe, Macaronesia, S-America). Reconstructing past ecosystems based on plant record. Effects of climate changes on terrestrial ecosystems. Timberlines. Ecology of forest tree species. Ecogeography. Quantitative reconstruction of climate parameters from pollen records. Human impacts, their mutual interactions with the climate and the vegetation history in the mountain environments (Alps and the foreland basins, in the Mediterranean, in the Macaronesian region, Canarian Archipelago, Andean region, Ecuador).

*Recent Scientific Activities.*

### Active international and national research projects

- (2016-ongoing) Principal Investigator of Italy - ICDP-DOVE project (biodiversity, paleoclimatology) Approved by SC ICDP July 2016.
- (2017-2022) Partner of the ERC Consolidator grant "The earliest migration of *Homo sapiens* in Southern Europe: understanding the biocultural processes that define our uniqueness".
- (2014-2018) CNR-Nextdata – Italy 2k (Quantitative climate reconstructions on Italy for the last 2ka)
- (2013-ongoing) Univ. Las Palmas / La Laguna - Holocene vegetation history in the Canary Islands.
- Regional municipalities – Leader of collaborative research projects: (a) The Last Glaciation in the Italian Alps; (b) Origin and history of pastures in the Orobic Alps of Bergamo

### Main accomplished research projects (2011-2019)

Ecology of European Forest Tree Species (JRC EU). Vegetation and climate history in the last glacial-interglacial cycle in the lake and the foreland record of the Venetian-Friuli Plain. Glacial and paraglacial evolution and forest ecosystems and dynamics in the Alps during the Last Glacial Maximum. Palaeoenvironments in the central Po plain during the last 40 ka. Early glaciation in the Italian Alps. Human impact and plant economy of the pile dwelling cultures, Garda area, N-Italy. Palaeoecology of high-altitude peat bogs in Valle d'Aosta focusing on origin of Alpine pastures and their evolution between the Copper and the Bronze Age. Modern plant diversity and vegetation structure in the Orobic Alps.

### Conference Organization and leadership of Field trips

Chair of 10 scientific sessions at scientific meetings, member of 16 scientific committees. Leader of 5 Scientific international field trips and of 13 Field journeys - Training activities (2 trips out of Italy).

### Editorial activity and summary of publications

Author of 159 scientific papers (59 on ISI journals), and of 191 conference abstracts and presentations  
 Author of 5 books  
 Guest editor of 1 issue of Scientific Journals  
 Editor of 3 Abstract books of international congresses  
 Member of the Editorial Board of 3 international journals

### Scientific Boards

Member of AIQUA council, INQUA-SACCOM, INQUA-SEQS and INQUA-TERPRO.  
 Member of the Paleoclimate Group of National Research Council, Italy, and of IODP-ICDP CNR Committee.  
**Societies** - Member of the Italian Botanical Society 1986-2009 and 2010-active, Member IIPP, AIQUA.

### Peer reviewing

Peer reviewer of 17 ISI journals and 5 national journals  
 Expert reviewer of 2 research projects for Foreign National Agencies

### PhD projects

7 accomplished PhD Thesis were co-tutored by the writer

## ADDITIONAL INFORMATION

The writer is an enthusiast student of world vegetation ecogeography and an active vegetable gardener.

List of publications (2012-2020):

- MARTINETTO E., BERTINI A., BHANDARI S., BRUCH A.A., CERILLI E., CHERIN M., FIELD J.H., GABRIELIAN I., GIANOTTI F., KERN A.K., KIENAST F., LINDSEY E.L., MOMOHARA A., **RAVAZZI C.**, THOMAS E.R. (2020) - The Last Three Millions of Unequal Spring Thaws. In: E. Martinetto, Tschopp E., Gastaldo R.A. (eds.), *Nature through Time. Virtual Field Trips Through the Nature of the Past*. Springer Textbooks in Earth Sciences, Geography and Environment, pp. 1-53. Springer Nature Switzerland AG 2020. [https://doi.org/10.1007/978-3-030-35058-1\\_1](https://doi.org/10.1007/978-3-030-35058-1_1).
- RAVAZZI C.**, BADINO F., PEREGO R., BERTULETTI P., DE AMICIS M., DEADDIS M., GAROZZO L., NOVELLINO M.D., PINI R. (2020). Birch-sedge communities, forest withdrawal and flooding at the beginning of Heinrich Stadial 3 at the southern Alpine foreland. *Review of Palaeobotany and Palynology*, 280. [doi.org/10.1016/j.revpalbo.2020.104276](https://doi.org/10.1016/j.revpalbo.2020.104276).
- RAVAZZI C.**, PINI R., DE AMICIS M., CASTELLANO L., COMOLLI R.; ABU EL KHAIR, D., FURLANETTO G., MARSETTI, D., PEREGO, R. (2020 - in press) - Palaeoecological archives unraveling the early land-use history at the emergence of the Bronze Age settlement of Bergamo (Italian Alps). *Review of Palaeobotany and Palynology*, 276. DOI: 10.1016/j.revpalbo.2020.104205.
- FURLANETTO G., GAROZZO L., BRUNETTI M., **RAVAZZI C.** (2019) - Ecological climatology along an elevational transect in the outer belt of the European Alps: modern pollen, vegetation and climate. *Alpine and Mediterranean Quaternary*, 32 (2), 117-130.
- BADINO F., PINI R., **RAVAZZI C.**, MARGARITORA D., ARRIGHI S., BORTOLINI E., FIGUS C., GIACCIO B., LUGLI F., MARCIANI G., MONEGATO G., MORONI A., NEGRINO F., OXILIA G., PERESANI M., ROMANDINI M., RONCHITELLI A., SPINAPOLICE E., ZERBONI A., BENAZZI S. (in press) - An overview of Alpine and Mediterranean palaeogeography, terrestrial ecosystems and climate history during MIS 3 with focus on the Middle to Upper Palaeolithic transition. *Quaternary International*.
- RAVAZZI C.**, et al. (2019) - Introduzione allo studio stratigrafico e paleoecologico dei laghi intramorenici del Garda. In (a cura di M. Baioni, C. Mangani, M.G. Ruggiero) *Le Palafitte. Ricerca, Conservazione, Valorizzazione*. Collana Palafitte/Palafittes/Pfahlbauten/Pile Dwellings/Palafitte. SAP – Società Archeologica. ISBN: 978-88-99547-29-5. Pp. 167-183.
- FURLANETTO G., **RAVAZZI C.**, BADINO F., BRUNETTI M., CHAMPVILLAIR E., MAGGI V. (2019) - Elevational transects of modern pollen samples: Site-specific temperatures as a tool for palaeoclimate reconstructions in the Alps. *The Holocene*, 29 (2), 271-286. DOI: 10.1177/0959683618810395.
- FURLANETTO G., **RAVAZZI C.**, PINI R., VALLÈ F., BRUNETTI M., COMOLLI R., NOVELLINO M.D., GAROZZO L., MAGGI V. (2018). Holocene vegetation history and quantitative climate reconstructions in a high-elevation oceanic district of the Italian Alps. Evidence for a middle to late Holocene precipitation increase. *Quaternary Science Reviews* 20, 212-236. [doi.org/10.1016/j.quascirev.2018.10.001](https://doi.org/10.1016/j.quascirev.2018.10.001)
- FINSINGER W., SCHWÖRER C., HEIRI O., MORALES-MOLINO C., RIBOLINI A., GIESECKE T., HAAS J.N., KALTENRIEDER P., MAGYARI E.K., **RAVAZZI C.**, RUBIALES J.M., TINNER W. (2018) - Fire on ice and frozen trees? Inappropriate radiocarbon dating leads to unrealistic reconstructions. Comment on Carcaillet & Blarquez (2017) 'Fire ecology of a tree glacial refugium on a nunatak with a view on Alpine glaciers'. *New Phytologist*. DOI: 10.1111/nph.15354
- PERESANI M., **RAVAZZI C.**, PINI R., MARGARITORA D., COCILOVA A., DELPIANO D., BERTOLA S., CASTELLANO L., FOGLIAZZA F., MARTINO G., NICOSIA C., SIMON P. (2018) – Human frequentation and vegetation-climate relationships in the Greenland Stadial 5 at Piovesello site on the northern Apennine watershed. *Quaternary Research*, 90, 503-528. [doi:10.1017/qua.2018.76](https://doi.org/10.1017/qua.2018.76).
- BADINO F., **RAVAZZI C.**, VALLÈ F., PINI R., ACETI A., BRUNETTI M., CHAMPVILLAIR E., MAGGI V., MASPERO F., PEREGO R., OROMBELLI G. (2018) - 8800 Years of high-altitude vegetation and climate history at the Rutor Glacier forefield, Italian Alps. Evidence of Middle Holocene timberline rise and glacier contraction. *Quaternary Science Reviews* 185, 41-68.
- CASTELLANO L., **RAVAZZI C.**, FURLANETTO G., PINI R., SALIU F., LASAGNI M., ORLANDI M., PEREGO R., DEGANO I., VALOTI F., DE MARINIS R.C., CASINI S., QUIRINO T., RAPI M. (2017). Charred honeycombs discovered in Iron Age Northern Italy. A new light on boat beekeeping and bee pollination in pre-modern world. *Journal of Archaeological Science* 83, 26-40.
- PINI R., **RAVAZZI C.**, RAITERI L., GUERRESCHI A., CASTELLANO L., COMOLLI R. (2017) - From pristine forests to high-altitude pastures: an ecological approach to prehistoric human impact on vegetation and landscapes in the western Italian Alps. *Journal of Ecology*. 105, 1580-1597. [doi: 10.1111/1365-2745.12767](https://doi.org/10.1111/1365-2745.12767).
- RAVAZZI C.**, CAUDULLO G. (2016) - *Aesculus hippocastanum* in Europe: distribution, habitat, usage and threats. In: San-Miguel-Ayanz, J., de Rigo, D., Caudullo, G., Houston Durrant, T., Mauri, A. (Eds.), *European Atlas of Forest Tree Species*. Publ. Off. EU, Luxembourg. Pp. 60. ISBN 978-92-79-36740-3. [doi:10.2788/4251](https://doi.org/10.2788/4251).
- DE NASCIMENTO L, NOGUÉ S., CRIADO C., **RAVAZZI C.**, WHITTAKER R.J., WILLIS K.J., FERNÁNDEZ-PALACIOS J.M. (2016) Reconstructing Holocene vegetation on the island of Gran Canaria before and after human colonization. *The Holocene* 26(1), 113-125.
- MONEGATO G., **RAVAZZI C.**, CULIBERG M., PINI R., BAVEC M., CALDERONI G., JEŽ J., PEREGO R. (2015). Sedimentary evolution and persistence of open forests between the south-eastern fringe of the Alps and the Northern Dinarides during the Last Glacial Maximum. *Palaeogeography, Palaeoclimatology, Palaeoecology*. 436, 23-40.
- MAGRI D., EMILIANO A., DI RITA F., FURLANETTO G., PINI R., **RAVAZZI C.**, SPADA F. (2015) - Geographical trends in the Holocene distribution of tree taxa in Italy. *Review of Palaeobotany and Palynology*. 218, 267–284.
- GIANOTTI F., FORNO M.G., IVY-OCHS S., MONEGATO G., PINI R., **RAVAZZI C.** (2015) - Stratigraphy of the Ivrea Morainic Amphitheatre (NW Italy): an updated synthesis. *Alpine and Mediterranean Quaternary*, 28 (1), 29 – 58.
- RAVAZZI C.**, PINI R., BADINO F., DE AMICIS M., LONDEIX L., REIMER P. (2014) - The latest LGM culmination of the Garda Glacier (Italian Alps) and the onset of glacial termination. Age of glacial collapse and vegetation chronosequence. *Quaternary Science Reviews* 105, 26-47. DOI: 10.1016/j.quascirev.2014.09.014.
- PINI R., GUERRESCHI A., DI MAIO P., RAITERI L., **RAVAZZI C.** (2013) - Preistoria degli ambienti d'alta quota in Valle d'Aosta. Primi risultati di indagini paleobotaniche e archeologiche sull'altopiano del Monte Fallère. *Bulletin d'Etudes Préhistoriques et Archéologiques Alpines*. vol. XXIII-XXIV (2012-2013): 53-61. ISSN 1826-3690
- RAVAZZI C.**, PINI R. (2013) - Clima, vegetazione forestale e alpeggio tra la fine del Neolitico e l'inizio dell'Età del Bronzo nelle Alpi e in Pianura Padana. In (a cura di R. De Marinis): *L'età del Rame. La Pianura Padana e le Alpi al tempo di Otzi*. Museo Diocesano di Brescia, Brescia. pp. 69-86. ISBN 978-88-8486-553-3.
- RAVAZZI C.**, MARCHETTI M., ZANON M., PEREGO R., DEADDIS M., DE AMICIS M., MARGARITORA D., QUIRINO T. (2013) - Lake evolution and landscape history in the lower Mincio River valley, unravelling drainage changes in the central Po Plain (N-Italy) since the Bronze Age. *Quaternary International* 288, 195-205. [doi: 10.1016/j.quaint.2011.11.031](https://doi.org/10.1016/j.quaint.2011.11.031)
- RAVAZZI C.** (2013) – Un lago di 800 mila anni fa a Sovere. Guida alla scoperta di un calendario di 50 mila anni: piante, animali e ceneri vulcaniche nel bacino di pianico-sèllere. CNR-IDPA, Milano. 96 pp. ISBN 9788886596138.
- RAVAZZI C.**, BADINO F., MARSETTI D., PATERA G., REIMER P.J. (2012). Glacial to paraglacial history and forest

recovery in the Oglio glacier system (Italian Alps) between 26 and 15 kyr cal BP. *Quaternary Science Reviews* 58, 146-161.

- RAVAZZI C.** (2012). Il Tardoglaciale nelle Prealpi Venete Orientali. Cronologia e storia paleoambientale. Atti del Convegno *Il Castelliere di Castel de Pedena*, a cura di Anna Angelini e Giovanni Leonardi. *Collana "Saltuarie" del Laboratorio del Piovego*. Pp. 29-39.
- RAVAZZI C., DEADDIS M., DE AMICIS M., MARCHETTI M., VEZZOLI G., ZANCHI A.** (2012) - The last 40 kyr evolution of the Central Po Plain between the Adda and Serio rivers. *Géomorphologie, relief, processus, environnement* 2, 131-154.
- CASTELLANO L., PINI R., **RAVAZZI C.** (2012). Prime indagini archeobotaniche stratigrafiche. In (a cura di Fortunati M. e Ghirelli A.): *Hospitium Communis Pergami*. Soprintendenza Beni Archeologici Lombardia. Milano. Pp. 111-112.

### Most relevant papers published before 2012

- BADINO F., BAIONI M., CASTELLANO L., MARTINELLI N., PEREGO R., **RAVAZZI C.** (2011) - Foundation, development and abandoning of a Bronze Age pile-dwelling ("Lucone d", Garda Lake) recorded in the palynostratigraphic sequence of the pond offshore the settlement. *Il Quaternario - Italian Journal of Quaternary Sciences* 24, 177-179.
- MONEGATO G., PINI R., **RAVAZZI C., REIMER P., WICK L.** (2011) - Correlation of Alpine glaciation and global glacioeustatic changes through intergrated lake and alluvial stratigraphy in N-Italy. *Journal of Quaternary Sciences*, 26(8): 791-804. DOI: 10.1002/jqs.1502
- PINI R., **RAVAZZI C., REIMER P.** (2010) - The vegetation and climate history of the last glacial cycle in a new pollen record from Lake Fimon (southern Alpine foreland, N-Italy). *Quaternary Science Reviews*, 29, 3115-3137.
- VESCOVI E., AMMANN B., **RAVAZZI C., TINNER W.** (2010) - A new Late-Glacial and Holocene record of vegetation and fire history from Lago del Greppo, Northern Apennines, Italy. *Vegetation History Archaeobotany* 19, 219-233.
- MONEGATO G., LOWICK S.E., **RAVAZZI C., BANINO R., DONEGANA M., PREUSSER F.** (2010) - Middle to Late Pleistocene chronology and palaeoenvironmental evolution of the south-eastern Alpine Foreland: the Valeriano Creek succession (NE Italy). *Journal of Quaternary Sciences*, 25(5), 617-632.
- RAVAZZI C., PINI R., BREDA M.** (2009) - Reconstructing the palaeoenvironments of the Early Pleistocene mammal faunas from the pollen preserved on fossil bones. *Quaternary Science Reviews* 28, 2940-2954.
- RAVAZZI C., VESCOVI E.** (2009) - Le testimonianze fossili della riforestazione del Cansiglio al termine dell'ultima glaciazione. In (Marco Peresani & Cesare Ravazzi eds.): "Le foreste dei cacciatori paleolitici". Suppl. al Bollettino della Società Naturalisti Silvia Zenari, Pordenone. Pp. 65-96.
- PINI R., **RAVAZZI C., DONEGANA M.** (2009) - Pollen stratigraphy, vegetation and climate history of the last 215 ka in the Azzano Decimo core (plain of Friuli, north-eastern Italy). *Quaternary Sciences Reviews* 28: 1268-1290.
- KALTENRIEDER P., BELIS C.A., HOFSTETTER S., AMMANN B., **RAVAZZI C., TINNER W.** (2009) - Environmental and climatic conditions at a potential Glacial refugial site of tree species near the Southern Alpine glaciers. New insights from multiproxy sedimentary studies at Lago della Costa (Euganean Hills, Northeastern Italy). *Quaternary Science Reviews* 28, 2647-2662.
- AGLIARDI F., CROSTA G.B., ZANCHI A., **RAVAZZI C.** (2009) - Onset and timing of deep-seated gravitational slope deformations in the eastern Alps, Italy. *Geomorphology* 103: 113-129.
- MONEGATO G., **RAVAZZI C., DONEGANA M., PINI R., CALDERONI G. WICK L.** (2007) - Evidence of a two-fold glacial advance during the Last Glacial Maximum in the Tagliamento end moraine system (SE Alps). *Quaternary Research*, 68: 284-302.
- VESCOVI E., **RAVAZZI C., TINNER W., ARPENTI A., FINSINGER W., PINI R., VALSECCHI V., WICK L., AMMANN B.** (2007) - Interactions between climate and vegetation on the southern side of the Alps and adjacent areas during the Late-glacial period as recorded by lake and mire sediment archives. *Quaternary Science Reviews*, 26: 1650-1669.
- ZANNI M., **RAVAZZI C.** (2007) - Description and differentiation of *Pseudolarix amabilis* (Nelson) Rehder pollen and palaeoecological implications on its fossil record. *Review of Palaeobotany and Palynology*, 145: 35-75.
- BORGATTI L., **RAVAZZI C., DONEGANA M., CORSINI A., SOLDATI M., MARCHETTI M.** (2007) - A lacustrine record of early Holocene watershed events and vegetation history, Corvara in Badia, Dolomites, Italy. *Journal of Quaternary Sciences*, 22 (2): 173-189.
- RAVAZZI C., DONEGANA M., VESCOVI E., ARPENTI E., CACCIANIGA M., KALTENRIEDER P., MARABINI S., MARIANI S., PINI R., VAI G.B., WICK L.** (2006) - A new Lateglacial site with *Picea abies* in the northern Apennine foothills: an exception to the model of glacial refugia of trees. *Vegetation History and Archaeobotany*, 15: 357-371.
- DE MARINIS, R.C., RAPI, M., **RAVAZZI, C., ARPENTI, E., DEADDIS, M., PEREGO, R.** (2005) - Lavagnone (Desenzano del Garda): new excavations and palaeoecology of a Bronze Age pile dwelling in northern Italy. In (Della Casa Ph. & Trachsel M.eds.): *Wetland economies and Societies*. Proceedings of the International Conference in Zürich, 10-13 March 2004. *Collectio Archaeologica*, 3 (2005): 221-232.
- RAVAZZI C., PINI R., MUTTONI G., BREDA M., CHIESA S., CONFORTINI F., EGLI R., MARTINETTO E.** (2005) - The lacustrine deposits of Fornaci di Ranica (late Early Pleistocene, Italian Pre-Alps): stratigraphy, palaeoenvironment and geological evolution. *Quaternary International*. 131, (1): 35-58.
- BREDA M., PINI R., **RAVAZZI C.** (2005) - The palaeoenvironment of *Cervalces latifrons* (Johnson, 1874) from Fornaci di Ranica (late Early Pleistocene, Northern Italy). *Palaeogeography, Palaeoclimatology, Palaeoecology*, 216: 99-118.
- RAVAZZI C.** (2002) - Late Quaternary history of spruce in Southern Europe. *Review of Palaeobotany and Palynology*, 120 (1-2): 131-177.
- AVIGLIANO R., DI ANASTASIO G., IMPROTA, S., PERESANI M., **RAVAZZI C.** (2000) - A new Late Glacial - Early Holocene paleobotanical and archeological record in the Venetian Pre-Alps: the peat-bog of Palughetto (Cansiglio Plateau). *Journal of Quaternary Sciences*, vol. 15 (8): 789-803.

### USE OF PERSONAL DETAILS

In compliance with the Italian legislative Decree no. 196 dated 30/06/2003, I hereby authorize to use and process my personal details contained in this document.

Milano, Aug 29th, 2020

Cesare Ravazzi

