



Personal information

First name / Surname	MARIA CRISTINA BRUNO Scopus ID: 7202869948 Orcid.org/0000-0001-7860-841X Web of Science Researcher ID:ABI-2160-2020
Working address	Fondazione Edmund Mach, Via E. Mach 1, I-38098, San Michele all'Adige, Italy
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E-mail	cristina.bruno@fmach.it
Nationality	Italian

Education and training

Dates	From 06/04/2017 to 06/04/2027
Title of qualification awarded	Qualification as associate professor in Italian Universities. Certified Associate Professor in Ecology (Italian Ministry of Education, Universities and research)
Dates	1993-1997
Title of qualification awarded	PhD in Evolutionary Biology and Biochemistry
Principal subjects/occupational skills covered	Research on the meiobenthic communities of Bolsena Lake (Italy), and on the distribution, ecology and systematic of the genus <i>Parastenocaris</i> (Crustacea: Copepoda: Harpacticoida)
Name and type of organisation providing education and training	Tuscia University, Viterbo, Italy, Faculty of Biological Sciences
Level in national or international classification	Doctorate
Dates	1984-1989
Title of qualification awarded	Degree in Biological Sciences

<i>Principal subjects/occupational skills covered</i>	Research on the taxonomy and ecology of Italian marine interstitial Cylindropsyllidae (Crustacea: Copepoda: Harpacticoida)
<i>Name and type of organisation providing education and training</i>	University "La Sapienza", Rome, Italy, Faculty of Biological Sciences
<i>Level in national or international classification</i>	Master degree

Scientific career

Current position

<i>Dates</i>	From 1 January 2009 to present
<i>Occupation or position held</i>	Permanent Researcher
<i>Main activities</i>	Stream Ecologist in the Hydrobiology Research unit
<i>Name and address of employer</i>	Fondazione Edmund Mach, Research and Innovation Centre. Via E. Mach, 1, I-38010, S. Michele all'Adige, Italy.
<i>Type of business or sector</i>	Research

Previous positions

<i>Dates</i>	From 1 September 2008 to 31 December 2008
<i>Occupation or position held</i>	Contracted Researcher
<i>Main activities</i>	Aquatic ecologist
<i>Name and address of employer</i>	Fondazione Mach, E. Via Mach, 1, 38010 S. Michele all'Adige (TN), Italy
<i>Type of business or sector</i>	Research

<i>Dates</i>	From 15 June 2006 to 31 June 2008
<i>Occupation or position held</i>	Contracted Researcher
<i>Main activities</i>	Project "REPORT: guidelines for an eco-compatible management of discharge and river dynamics", co-funded by the Adige Water Authority, The Natural Sciences Museum of Trento, the Environmental and Civil Engineering Department of the Faculty of Engineering Trento University
<i>Name and address of employer</i>	Museo Tridentino di Scienze Naturali - Sezione di Zoologia degli Invertebrati e Idrobiologia. Via Calepina 14, 38100 Trento
<i>Type of business or sector</i>	Research

<i>Dates</i>	November 2005/June 2006
<i>Occupation or position held</i>	Consultant
<i>Main activities</i>	Project "Ecological research on Brenta River, locality Bellasio".
<i>Name and address of employer</i>	Museo Tridentino di Scienze Naturali - Sezione di Zoologia degli Invertebrati e Idrobiologia. Via Calepina 14, 38100 Trento
<i>Type of business or sector</i>	Research

<i>Dates</i>	September 2005/March 2006
<i>Occupation or position held</i>	Editor, Volume "HIGHEST: quality and integrity of alpine glacial aquatic ecosystems in Trentino"
<i>Main activities</i>	
<i>Name and address of employer</i>	Museo Tridentino di Scienze Naturali - Sezione di Zoologia degli Invertebrati e Idrobiologia. Via Calepina 14, 38100 Trento
<i>Type of business or sector</i>	Research

<i>Dates</i>	January 2005/March 2005
<i>Occupation or position held</i>	Associate Professor of Environmental Studies

<i>Main activities</i>	Project: Effects of nutrients enrichment in the Everglades
<i>Name and address of employer</i>	Department of Environmental Studies and the Southeast Environmental Research Center at Florida International University, Miami, FL.
<i>Type of business or sector</i>	Research
<i>Dates</i>	June 2004 / Settembre 2004
<i>Occupation or position held</i>	Adjunct researcher
<i>Main activities</i>	Project: Nutrient dosing in the Everglades
<i>Name and address of employer</i>	Department of Environmental Studies and the Southeast Environmental Research Center at Florida International University, Miami, FL.
<i>Type of business or sector</i>	Research
<i>Dates</i>	May 1998-May 2004
<i>Occupation or position held</i>	Aquatic Ecologist
<i>Main activities</i>	Critical Ecosystem Studies Initiative funded projects: 1) Subterranean Organisms in the Rocky Glades (1998-2000); 2) Crustacean communities from surface and ground waters in the southern Everglades, in relation to hydrological and geological features (2000-2003); 3) Crustacean communities in the mangrove-marsh ecotone in southeastern ENP, as an environmental impact assessment tool for salinity changes in the Taylor Slough/C-111 basins (2002-2003), 4) Crustacean communities from surface and ground waters in the Rocky Glades, in relation to hydrological and water quality changes that may result from Combined Structural and Operational Plan and Modified Water Delivery features (2002-2004).
<i>Name and address of employer</i>	Everglades National Park, Homestead, Florida, USA, in Cooperative agreement with Florida International University, Miami, Florida, USA.
<i>Type of business or sector</i>	Research

Research projects

<i>M.C. Bruno Principal investigator (Funding to MC Bruno)</i>	2023. Implementazione del piano di gestione del Gambero in Trentino. Finanziamento Servizio Sviluppo Sostenibile e Aree Protette Provincia Autonoma Di Trento: Euro 50000. 2023. Affidamento incarico reintroduzione gambero di fiume (<i>Austropotamobius pallipes</i>) e contenimento del gambero di fiume americano (<i>Faxonius limosus</i>). Finanziamento Rete di Riserva Fiume Brenta. Euro 20000. 2022. Campagna di eradicazione del gambero della Louisiana <i>Procambarus clarkii</i> nel lago di Lagolo. Finanziamento comune di Madruzzo: Euro 15000. 2021. Monitoraggio del gambero di fiume A. pallipes nel Parco Fluviale Alto Noce. Incarico da Parco Fluviale Alto Noce: Euro 15000. 2020-2021. Implementazione del piano di gestione del Gambero in Trentino. Finanziamento Servizio Sviluppo Sostenibile e Aree Protette Provincia Autonoma Di Trento: Euro 60000. 2018. Monitoraggio del gambero della Louisiana <i>Procambarus clarkii</i> nel lago di Lagolo. Finanziamento Reti di Riserva Basso Sarca: Euro 3710. 2016-2019. PRIN: PROGETTI DI RICERCA DI RILEVANTE INTERESSE NAZIONALE NOACQUA NOACQUA-risposte di comunità e processi ecosistemici in corsi d'ACQUA soggetti a intermittenza idrologica. WP5 Scambi biotici e abiotici tra habitat bentonico e iporreico nei corsi d'acqua di basso ordine. Finanziamento MIUR: Euro 11000 2017. LIFE T.E.N. +. Azione C10. Redazione del piano di gestione del gambero di fiume in Trentino. Finanziamento Servizio Sviluppo Sostenibile e Aree Protette Provincia Autonoma Di Trento: Euro 6000.
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Funding not to MCB

2011-2013. Quadro conoscitivo ambientale e identificazione di interventi volti alla realizzazione di un parco fluviale del fiume Noce in Val di Sole. Finanziamento Comunità della Valle di Sole, euro 27884.

2022-2025. Participation to the project BIOALPEC ('Biodiversity of Alpine ecosystems in a changing world'), funded by the PIANO NAZIONALE DI RIPRESA E RESILIENZA (PNRR)

2022-2025. Euregio Science Fund Programme. ROCK ME: Geochemical response of Alpine rock glaciers to global warming

2007-2013. Alpine Space Programme. Alp-Water- (Water Management Strategies against Water Scarcity in the Alps): Work Package 7 -Optimal Ecological Discharge.

2006-2008. REPORT: regolazione delle portate, ecosistemi e dinamica fluviale. Linee guida per una gestione eco-compatibile. Finanziamento Autorità di Bacino del fiume Adige.

Invited lecturers and seminars

Roundtables

Participant to the Technical roundtable: Dissesto Idrogeologico e Riqualificazione Fluviale. Coordinato da Transizione Ecologica Globale. Rome, 15 September 2019.

Coordinator of the Technical Roundtable: Tavolo tecnico Piano di conservazione del gambero. Progetto LIFE +TEN -Trentino Ecological Network LIFE 11/NAT /IT /000187. Final Conference, 15 September 2017

Seminar and public lectures

12.08.2022. Invited lecture: "Inquilini invadenti", Lago di Lagolo, Patronage WWF Trentino.

4.12.2021. Invited lecture: "L'invasione degli alieni nelle acque del Trentino: il caso del gambero di fiume", Riva del Garda, 4 dicembre 2021, patrocinio Gruppo Sommozzatori Riva A.S.D.

5.8.2021. Invited lecture: "La gestione dei gamberi alieni invasivi, il caso del Lago di Lagolo", Lasino, patrocinio Comune di Madruzzo.

16.7.2021. Invited lecture: "L'invasione degli alieni nelle acque del Trentino: il caso del gambero di fiume", Levico Terme, Patronage Associazione Culturale Chiarentana.

19.4.2021. Invited seminar: "Impatti della produzione idroelettrica sugli ecosistemi fluviali", Master's degree course in Science and Technology for the Environment and the Territory, University of Milan-Bicocca.

23.3.2021. Invited seminar: "Hydropower: is it really a 'green' power? The ecological perspective", Master's degree in Science and Technology for the Environment and its Resources, University of Parma.

13.1.2021. Invited lecture: "La gestione del gambero di fiume in Trentino: sfide e opportunità", MUSE-Museo delle Scienze, Trento.

12.1.2021. Invited lecture: "Quella volta che.. Aneddoti di ricerca sui fiumi Alpini", rassegna Sostenibili Percorsi #fattidacqua, Torino University.

14.5.2020. Invited seminar: "Impatti della produzione idroelettrica sugli ecosistemi fluviali", Master's degree in Science and Technology for the Environment and its Resources, University of Milan-Bicocca.

4.1.2020. Invited seminar: "Impatti della produzione idroelettrica sugli ecosistemi fluviali", Master's degree in Science and Technology for the Environment and its Resources, University of Parma.

3.11.2019. Invited lecture: "C'È GAMBERO E GAMBERO - Nuove minacce per Il nostro gambero". Breguzzo (TN), Municipio.

- 17.4.2019. Invited seminar: "Effects of climate change on high elevation aquatic habitats: biological signals of ecological shifts", seminar Department of Excellence, University of Padua.
- 29.11.2018. Invited seminar: "Effetto dei cambiamenti climatici sugli ecosistemi acquatici". Master's degree course in Evolutionary Biology, University of Padua.
- 5.10.2018 Invited lecture: Lagolo e dintorni: lavori in corso. il monitoraggio del gambero della Louisiana (*Procambarus clarkii*) nel lago di Lagolo. Patronage Parco fluviale della Sarca, Lasino (TN)
- 28.5.2018. Invited seminar: "Large hydropower plants operations: is hydropeaking a multiple stressors for aquatic ecosystems? Evidences from flume and field studies". Eawag, Swiss Federal Institute of Aquatic Science and Technology, Kastanienbaum, Switzerland
- 7.3.2018. Invited lecture: "C'è qualcuno sotto quel sasso? Le vicende del gambero di fiume in Trentino". Tè degli Insegnanti, MUSE-Museo delle Scienze (TN).
- 20.12.2017. Invited seminar: "La connettività negli ecosistemi fluviali: impatti naturali e antropici", Master's degree in Science and Technology for the Environment and its Resources, University of Parma.
- 22.5.2016. Invited seminar: Chi è chi nelle acque sotterranee: biodiversità, adattamenti, strategie ecologiche. World Biodiversity Day, MUSE-Museo delle Scienze (TN)
- 6.12.2016. Invited seminar: "Multifunctional use of water resources in Alpine streams: anthropic impacts and sustainable management", PhD School in Applied Biology and Biotechnology, University of Turin.
- 5.12.2016. Invited seminar: Le acque sotterranee: aspetti ecologici, zoologici e biogeografici". Bachelor course in Biological Sciences, University of Western Piedmont.
- 18.4.2016. Invited seminar: "La gestione delle risorse idriche nelle regioni alpine" Master's degree in Science and Technology for the Environment and its Resources, University of Parma.
- 16.3.2015. Invited seminar: "La gestione delle risorse idriche nelle regioni alpine" Master's degree in Science and Technology for the Environment and its Resources, University of Parma.
- 4.12.2012. Invited seminar: Effetti dell'hydropeaking sugli ecosistemi fluviali alpini: aspetti ecologici, PROGETTO Bi.O.S. (Biodiversità Orobica in Valle Seriana) Seminario e Tavola rotonda "Conoscenze e strategie per una corretta gestione delle risorse idriche".
- 8.10.2012: Invited seminar: Cambiamenti climatici e impatti antropici sui fiumi alpini" Master's Degree in Engineering for the Environment and the Territory, Faculty of Engineering, University of Trento.
- 19.10.2010. Seminar session for scientists and policy makers from Norway, Austria and Italy "". Mitigation of hydropeaking and thermopeaking" Innsbruck University, Ecology faculty.
- 4.10.2007. Invited seminar: "I copepodi di acque sotterranee come strumento di gestione ambientale, un caso-studio: Everglades National Park, Florida, USA". Department of Environmental Sciences, Parma University, Ph D. school in Ecology.
- 16.4.2004. Invited seminar: "Copepods from Everglades National Park: result of 5 years of research". South Florida Natural Resources Center, Homestead, Florida, USA.
- 12.11.2003. Invited seminar: "Studies on surface and groundwater copepods of Everglades National Park". Tropical Research and Educational Center, Homestead, Florida, USA.

Invited lectures
PUBLIC DISSEMINATION

14.3.2001 . Invited seminar: "Preliminary data on microcrustacean communities from ground waters in Southern Everglades". Miami Geological Society, Miami, Florida, USA.

5.4.1999. Invited seminar: "Resting stages in Copepods from Everglades National Park". Florida International University, Biology Faculty, Miami, Florida, USA.

22.11.1995. Invited seminar: "Vico Lake (Central Italy): results of a limnological survey". Tampere Polytechnic, Tampere, Finland.

19-23 May 1997. Short course in "Basics of Limnology and zooplankton". Tampere Polytechnic, Tampere, Finland

Television interview: "Il gambero di fiume". TrentinoTV, Mattino Insieme –Intervista 22 October 2021

Short documentary: "La conservazione del gambero di fiume". 17° puntata A come Alpi – edizione 2021. 8 October 2021.

Newspaper interview: "Der Killerflussschrecke bringt Schrecken ins Trentino", Dolomiten, 15 September 2021.

Broadcast filming and interview: "Gambero killer Lagolo" Rai 1 regionale, 14 September 2021.

Broadcast filming and interview: "Ecco come si cacciano i gamberi killer della Louisiana nel lago di Lagolo (ma riusciremo a debellarli?). Montagna – L'Adige.it, 30 August 2021.

Newspaper interview: "Gambero di fiume, esistenza minacciata dalle specie aliene e dal bracconaggio" Corriere del Trentino, 18 July 2021.

Radio interview: "Il gambero di fiume in Trentino", Rai Radio1, Vivinitrentino. 24-2-2021

Radio interview: "Il gambero in Trentino". Rai Radio1, Safari Trentino, 20 febbraio 2019

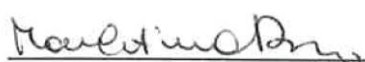
Invited Speaker: "Dalle vette alla pianura: i torrenti alpini nell'Antropocene". Trento Film Festival 2019. 2-5-2019.

REFEREED PUBLICATIONS

Publications /

Total publications recorded in Scopus: 66, Sum of the Times Cited: 1043, h-index: 18

1. **Bruno M.C.**, V. Cottarelli, R. Grasso, L. Vecchioni, M.T. Spena., D.V. Caccamo, F. Marrone. 2023. Disentangling cryptic species in Parastenocarididae (Copepoda: Harpacticoida) with an integrative approach: the case of *Stammericaris similor* sp. nov. and *Stammericaris destillans* Bruno & Cottarelli. Zootaxa, in rev-.
2. **Bruno M. C.**, Vallefucio F., Casari A., Larsen S., Dallafior V., Zolezzi G. 2022. Moving waters: mitigating hydropowering while increasing hydropower production, a case study from the Italian Alps. River Research and Application, online first, DOI: 10.1002/rra.4086
3. Vallefucio F., **Bruno M. C.**, Zolezzi G., Larsen S. 2022. Quantifying the ecological effects of water abstraction in Alpine streams through flume simulations. Ecohydrology, 15(6), e2442. <https://doi.org/10.1002/eco.2442>
4. Alp M., R.J. Batalla, M.D. Bejarano, I. Boavida5, H. Capra, M. Carolli, R. Casas-Mulet, M. J. Costa, J.H. Halleraker, C. Hauer, D.S. Hayes, A. Harby, M. Noack, A. Palau, M. Schneider, L. Schönfelder, D. Tonolla, D. Vanzo, T. Venus, D. Vericat, G. Zolezzi, **M. C. Bruno**. 2022. Introducing HyPeak: an international network on hydropowering research, practice, and policy. River Research and Application, online first DOI: 10.1002/rra.3996.



5. Cottarelli V., **Bruno M.C.** 2021. The genus *Stammericaris* Jakobi (Copepoda: Harpacticoida: Parastenocarididae) in the Nearctic subregion: description of *Stammericaris remotaeatriae* sp. nov., proposal of *Stammericaris palmerae* (Reid 1992) comb. nov., and remarks on other North American Parastenocarididae. *Zootaxa*, 5047 (2): 177–191. <https://doi.org/10.11646/zootaxa.5047.2.7>
6. Manfrin A., **M.C. Bruno**, M. Grubisic, F. Hölker, M. T. Monaghan. Artificial light at night leads to changes in benthic macroinvertebrate communities by reducing drift in late instar larvae. *Limnology and Oceanography*, in review
7. Folegot S., **Bruno M.C.**, Larsen S., Kaffas K., Pisaturo G.R., Andreoli A., Comiti F., Righetti M. 2021. The effects of a sediment flushing on Alpine macroinvertebrate communities. *Hydrobiologia*, 848, pages 3921–3941. <https://doi.org/10.1007/s10750-021-04608-8>
8. Gruppuso L., Doretto A., Piano E., Falasco E., **Bruno M. C.**, Bona F., Fenoglio S. 2021. Effects of flow intermittency on Alpine streams functional processes: are artificial flumes and field data comparable? *Fundamental and Applied Limnology*, 195 (1), p. 39 – 59. DOI: 10.1127/fal/2021/1367
9. Brighenti S., Engel M., Tolotti M., **Bruno M.C.**, Wharton G., Comiti F., Tirler W., Cerasino L., Bertoldi W.. 2021. Contrasting physical and chemical conditions of two rock glacier springs. *Hydrological Processes*. 35:e14159. <https://doi.org/10.1002/hyp.14159>
10. Larsen S., Majone B., Zulian P., Stella E., Bellin A., **Bruno M.C.**, Zolezzi G. 2021. Combining hydrologic simulations and stream-network models to unveil flow-ecology relationships in a large Alpine catchment. *Water Resources Research* 57, e2020WR028496. <https://doi.org/10.1029/2020WR028496>
11. Cottarelli V., **Bruno M.C.** 2021. Interesting interstitial Paramesochridae (Copepoda: Harpacticoida): *Maliithipon wellsi* gen. nov., sp. nov. from The Philippines, *Maliithipon aberrans* (Mielke 1984) from Panama, and *Maliithipon cfr. aberrans* (Mielke 1984) from the Azores. 2020. *Zootaxa*, 5051 (1): 68-93. <https://doi.org/10.11646/zootaxa.5051.1.7>
12. Brighenti S., **Bruno M.C.**, Tolotti M., Bertoldi W., Wharton G. 2021. Rock glaciers and paraglacial features influence stream invertebrates in a deglaciating Alpine area. *Freshwater Biology*. 66:535–548. DOI: 10.1111/fwb.13658
13. **Bruno, M.C.**, A. Doretto, F. Boano, L. Ridolfi, S. Fenoglio. 2020. Role of the hyporheic zone in increasing the resilience of mountain streams progressively shifting from naturally perennial to intermittent systems. *Water* 2020, 12, 2034; doi:10.3390/w12072034
14. Serlet AJ, López Moreira M GA, Zolezzi G, Wharton G, Hölker F, Gurnell AM, Tockner K, Bertoldi W, **Bruno MC**, Jähnig SJ, Lewandoski J, Monaghan MT, Rillig MC, Rogato M, Toffolon M, Veresoglou SD and Zarfl C (2020). SMART Research: Toward Interdisciplinary River Science in Europe. *Front. Environ. Sci.* 8:63. doi: 10.3389/fenvs.2020.00063.
15. **Bruno M.C.**, V. Cottarelli, F. Marrone, R. Grasso, E. Stefani, L. Vecchioni, M.T. Spena. 2020. Morphological and molecular characterization of three new Parastenocarididae (Copepoda: Harpacticoida) from caves in Southern Italy. *European Journal of Taxonomy*, 689: 1–46. <https://doi.org/10.5852/ejt.2020.689>
16. Brighenti S., Tolotti M., **Bruno M.C.**, Engels M., Wharton G., Cerasino L., Mair V., Bertoldi W. 2019. After the peak water: the increasing influence of rock glaciers on Alpine river systems. *Hydrological Processes*, 33: 2804-2823 <https://doi.org/10.1002/hyp.13533>.
17. Brighenti S., Tolotti M., **Bruno M.C.**, Wharton G., Pusch M.T., Bertoldi W. 2019. Ecosystem shifts in Alpine streams under glacier retreat and rock glacier thaw: a review. *Science of the Total Environment*, 675:542-559. <https://doi.org/10.1016/j.scitotenv.2019.04.221>

18. Larsen S., **Bruno M.C.**, I.P. Vaughan, Zolezzi G. 2019. Testing the River Continuum Concept with geostatistical 2 stream-network models. *Ecological Complexity*, 39: 100773. - DOI: 10.1016/j.ecocom.2019.100773.
19. Larsen S., **Bruno M.C.**, Zolezzi G. 2019. WFD ecological status indicator shows poor correlation with flow parameters in a large Alpine catchment. *Ecological Indicators* 98: 704–711. <https://doi.org/10.1016/j.ecolind.2018.11.047>
20. Doretto A., E. Piano, E. Falasco, S. Fenoglio, **M.C. Bruno**, F. Bona. 2018. Investigating the role of refuges and drift on the resilience of macroinvertebrate communities to drying conditions: an experiment in artificial streams. *River Research and Applications*, 34:777–785. <https://doi.org/10.1002/rra.3294>.
21. Lumsdon A.E., Artamonov I, **M.C. Bruno**, M. Righetti, K. Tockner, D. Tonolla, C. Zarfl. 2018 Soundpeaking; hydropeaking-induced changes in river soundscapes. *River Research and Applications*, 7 34:3–12.doi: DOI: 10.1002/rra.3229.
22. Grubisic M., G. Singer, **M. C. Bruno**, R.H.A. van Grunsven, A. Manfrin, M.T. Monaghan, F. Hölker. 2018. A pigment composition analysis reveals community changes in pre-established stream periphyton under low-level artificial light at night. *Limnologia*, *Limnologia* 69: 55–58. <https://doi.org/10.1016/j.limno.2017.10.004>.
23. Grubisic M., G. Singer, **M. C. Bruno**, M.T. Monaghan, R.H.A. van Grunsven, A. Manfrin, F. Hölker. 2017. Artificial light at night decreases biomass and alters community composition of benthic primary producers in a sub-alpine stream. *Limnology and Oceanography*, 62, 2017, 2799–2810. DOI: 10.1002/lno.10607.
24. **M.C. Bruno**, V. Cottarelli, H. C. Hauffe, C. Rossi, U. Obertegger, M.T. Spena, R. Grasso, 2017. Morphological and phylogenetic analyses of epikarstic Parastenocarididae (Copepoda: Harpacticoida) from two Sicilian caves, and description of a new *Stammericaris*. *Zootaxa*, 4350 (2): 251–283.
25. M.J. Cashman, G. L. Harvey, G. Wharton, **M. C. Bruno**. 2017. Wood mitigates the effect of hydropeaking scour on periphyton biomass and nutritional quality in semi-natural flume simulations. *Aquat Sci* (79):459–471 DOI 10.1007/s00027-016-0510-3.
26. Baldacchino F., **M.C. Bruno**, P. Visentin, K. Blondel, D. Arnoldi, H.C. Hauffe, A. Rizzoli 2017. Predation efficacy of the cyclopoid copepods *Macrocyclus albidus* and *Mesocyclops leuckarti* against the invasive mosquito species *Aedes albopictus* and *Aedes koreicus* in northern Italy. *The European Zoological Journal*. Vol. 84, No. 143–48, <http://dx.doi.org/10.1080/11250003.2016.1271028>
27. **M.C. Bruno**, M. Carolli, B. Palmia, G. Zolezzi. 2016. Effects of fine suspended sediment releases on benthic communities in artificial flumes. *La Houille Blanche*, 6: 54-58. DOI: <http://dx.doi.org/10.1051/lhb/2016061>
28. M Faller, GL Harvey, AJ Henshaw, W Bertoldi, **MC Bruno**, J England. 2016. River bank burrowing by invasive crayfish: Spatial distribution, biophysical controls and biogeomorphic significance. *Science of the Total Environment*, 569-570:1190-2000. doi: 10.1016/j.scitotenv.2016.06.194.
29. **Bruno MC**, Cashman MJ, Maiolini B, Biffi S, Zolezzi G. 2016. Responses of benthic invertebrates to repeated hydropeaking in semi-natural flume simulations: *Ecohydrology*, 9, 68–82. DOI: 10.1002/eco.1611.
30. **Bruno MC**, M Carolli, B Maiolini. 2016. Settling distances of benthic invertebrates in a sediment mobilization simulation in semi-natural flumes. *Journal of Limnology*, 75(1): 180-192 DOI: 10.4081/jlimnol.2015.1324
31. M. Carolli, D. Vanzo, A. Siviglia, G. Zolezzi, **M. C. Bruno**, K. Alfredsen. 2015. A simple procedure for the assessment of hydropeaking flow alterations applied to several European streams. *Aquatic Sciences*, 77: 639. <https://doi.org/10.1007/s00027-015-0408-5>.
32. Vezza, P.; Goltara, A.; Spairani, M.; Zolezzi, G.; Siviglia, A.; Carolli, M.; **Bruno, M.C.**; Boz, B.; Stellin, D.; Comoglio, C.; Paraciszcz, P. 2015. Habitat Indices for Rivers: Quantifying the Impact of Hydro-Morphological Alterations on the Fish Community.

33. **Bruno M.C.**, Cottarelli V. 2015. First record of *Kinnecaris* (Copepoda: Harpacticoida: Parastenocarididae) from Turkey and Thailand; description of three new species and emended definition of the genus. Italian Journal of Zoology, 82(1): 69-94 <http://dx.doi.org/10.1080/11250003.2014.1002820>.
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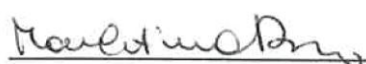
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**ABSTRACTS AND
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 12. **M. C. Bruno**, Doretto A., Boano F. Faè L., Fenoglio S. Effetti dell'intermittenza sugli ecosistemi dei flussi alpini: zona iporeica e resilienza. IV Convegno Italiano sulla Riqualficazione Fluviale. Bologna, 22-26 Ottobre 2018. Book of abstracts pag 257-260.
 13. Larsen S. **M. C. Bruno**, Zolezzi G. Quantificazione degli effetti ecologici delle alterazione dei deflussi nel bacino del fiume Adige. IV Convegno Italiano sulla Riqualficazione Fluviale. Bologna, 22-26 Ottobre 2018. Book of abstracts pag 245-247.
 14. Brighenti S., **M. C. Bruno**, M. Tolotti, W. Bertoldi. 2018. Stepping stones or shelter areas? The role of rock glaciers in the context of Alpine deglaciation. XXVII Atti Congresso Nazionale della Società Italiana di Ecologia, Cagliari, 11-14 Settembre 2018, pag 142.
 15. **M. C. Bruno**, A. Doretto, L. Faè, S. Fenoglio. 2018. Effects of intermittence on Alpine streams ecosystems: hyporheic zone and resilience. Atti del XXVII Congresso Nazionale della Società Italiana di Ecologia, Cagliari, 11-14 Settembre 2018, pag 65.
 16. **M. C. Bruno**, A. Doretto, F. Bona, E. Piano, F. Macchi, A. Maule, A. Saglietti, S. Fenoglio. 2017. Artificial streams for evaluating the resilience of benthic invertebrate communities to drought in alpine areas (Fersina river basin, Trento, NE Italy). XXVI Congresso Nazionale della Società Italiana di Ecologia, Napoli. Pag 99, book of abstracts.
 17. **M. C. Bruno**, S. Endrizzi, A. Gandolfi, H. C. Hauffe, P. Pedrini 2017. The management plan of Austropotamobius pallipes in Trentino: priorities for conservation. XXVI Congresso Nazionale della Società Italiana di Ecologia, Napoli. Pag 121, book of abstracts.
 18. Brighenti S., **M. C. Bruno**, M. Tolotti, G. Wharton, W. Bertoldi, M. Pusch. 2017. Impact of deglaciation on Alpine stream ecosystems: preliminary findings. XXVI Congresso Nazionale della Società Italiana di Ecologia, Napoli. Pag 79, book of abstracts.
 19. Bussettini M., Rinaldi M., Vezza P., Belletti B., Zolezzi G., Comiti F., Carola M., Lastoria B., **M. C. Bruno** Braca G. – 2017. The hydromorphological way to the evaluation of e-flows. XXVI Congresso Nazionale della Società Italiana di Ecologia, Napoli. Pag 5, book of abstracts.

20. Cottarelli, V.; **M. C. Bruno**.; Spena, M.T.; Grasso, R (2016). Endemism, allopatry and passive transport: the case of two *Proserpinicaris* (Crustacea, Copepoda, Harpacticoida) from Sardinia. In: 1° Congresso Nazionale Congiunto SITE - UZI - SIB: Biodiversity: concepts, new tools and future challenges, Milano, 30 agosto-2 settembre 2016.
21. Palmia B., Rossetti GP, **M. C. Bruno**. Do fine suspended sediment releases induce drift of benthic communities? In: 1° Congresso Nazionale Congiunto SITE - UZI - SIB: Biodiversity: concepts, new tools and future challenges, Milano, 30 agosto-2 settembre 2016.
22. M. Grubisic, G. Singer, A. Manfrin, M. T. Monaghan, **M. C. Bruno**, F. – Hölker. 2016. Does light pollution affect benthic primary producers in shallow streams? In: 1° Congresso Nazionale Congiunto SITE - UZI - SIB: Biodiversity: concepts, new tools and future challenges, Milano, 30 agosto-2 settembre 2016.
23. Doretto, A.; Bona, F.; Falasco, E.; Piano, E.; Fenoglio, S.; **M. C. Bruno** 2016. Artificial streams for studying the resilience of benthic assemblages to drought: a case study from Fersina river basin (Trento, NE Italy). In 1° Congresso Nazionale Congiunto SITE - UZI - SIB: Biodiversity: concepts, new tools and future challenges, Milano, 30 agosto-2 settembre 2016.
24. Grasso R, MT Spena, V Cottarelli, V Cannavò, **M. C. Bruno**. 2015. The epikarst of some Sicilian caves: an "ultima thule" for crustacean meiofauna? Atti 76° Congresso Unione Zoologica Italiana, Viterbo, 15-18 settembre 2015. P 144.
25. Minghetti G., Cappelletti C., Ciutti F., **M. C. Bruno**, Endrizzi S., Zambon M., Quaglio F., Pretto T.. 2012. Indagine sullo stato sanitario del gambero americano *Orconectes limosus* in 4 popolazioni del Trentino. XIV Congresso Nazionale A.I.I.A.D.: ittiologia come governante delle acque dolci italiane. Torino 15-17 Novembre 2012. Book of abstracts p. 55.
26. **M. C. Bruno**, B. Maiolini &, M. Carolli. Misure di mitigazione dell'hydropeaking sugli ecosistemi fluviali alpini. Secondo Convegno del Centro Italiano Riqualficazione Fluviale: riqualficazione fluviale e gestione del territorio. Bolzano 6-7 Novembre 2012.
27. **Bruno M.C.**, Carolli M., Siviglia A., and Maiolini B. Quando la campana suona due volte per il drift. XXII Congresso Nazionale della Società Italiana di Ecologia, Alessandria, 10-13 Settembre 2012.
28. Endrizzi S., **Bruno, M.C.**, and Maiolini, B. Studio della distribuzione e biometria di decapodi indigeni e alieni in Trentino. XXII Congresso Nazionale della Società Italiana di Ecologia, Alessandria, 10-13 Settembre 2012.
29. B. Maiolini, **M.C. Bruno**, M. Carolli, L. Silveri, E. Varolo, G. Zolezzi, A. Siviglia. Regime fluviale naturale e sue alterazioni in corsi d'acqua interessati da produzione idroelettrica: effetti biologici. Accademia Nazionale Dei Lincei - XI Giornata Mondiale Dell'acqua. Convegno Acqua Ed Energia. Roma, 22 Marzo 2011. Volume Riassunti p. 15.
30. A. Siviglia, G. Zolezzi, M. Toffolon **M.C. Bruno**, B. Maiolini: Effetti eco-idraulici a valle degli impianti idroelettrici nei corsi d'acqua alpini. Accademia Nazionale Dei Lincei - XI Giornata Mondiale Dell'acqua. Convegno Acqua Ed Energia. Roma, 22 Marzo 2011. Volume Riassunti p. 14.
31. **M. C. Bruno**, B. Maiolini, M. Carolli. Stream ecology in Alpine streams: does management overwhelm climate change? XX Congresso Nazionale della Società Italiana di Ecologia, Roma 27-30 Settembre 2010. Book of abstracts pag 54.
32. B. Maiolini, L.Silveri, M. Carolli, E. Varolo, **M.C. Bruno**. Regime fluviale naturale e sue alterazioni: un approccio sperimentale. XX Congresso Nazionale della Società Italiana di Ecologia, Roma 27-30 Settembre 2010. Book of abstracts pag 56
33. Varolo Elisa, Maiolini Bruno, **Bruno Maria Cristina**, Carolli Mauro, Silveri Luana. 2009. Il progetto AlpWaterScarce (Water Management Strategies against Water Scarcity in the Alps): il riuso delle risorse idriche. XIX Congresso Nazionale della

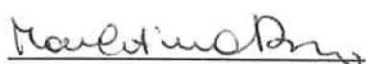
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34. Carolli Mauro, Maiolini Bruno, **Bruno Maria Cristina**, Silveri Luana, Siviglia Annunziato. 2009. Effetti ecologici del thermopeaking in ambiente alpino. XIX Congresso Nazionale della Società Italiana di Ecologia, Bolzano 15-18 Settembre 2009. Book of abstracts pag. 56.
35. Maiolini Bruno, **Bruno Maria Cristina**, Carolli Mauro, Silveri Luana. 2009. Frammentazione idrologica di sistemi fluviali. . XIX Congresso Nazionale della Società Italiana di Ecologia, Bolzano 15-18 Settembre 2009. Book of abstracts pag 78.
36. **Bruno M. Cristina**, Silveri Luana, Maiolini Bruno, Carolli Mauro. 2009. Impatto dell'hydropeaking sull'ambiente iporreico. XIX Congresso Nazionale della Società Italiana di Ecologia, Bolzano 15-18 Settembre 2009. Book of abstracts pag 144
37. B. Maiolini, M. C. Bruno, L. Silveri, M. Carolli. 2008. Discontinuità negli ecosistemi fluviali indotta dalle fasi di produzione idroelettrica. Atti XVIII Congresso Nazionale della Società Italiana di Ecologia, Parma 1-3 Settembre 2008. P. 45.
38. M. Carolli, **M. C. Bruno**, B. Maiolini, L. Silveri. 2008. Valutazione degli effetti dell'hydropeaking sulla comunità bentonica tramite l'uso di un apparato sperimentale. Atti XVIII Congresso Nazionale della Società Italiana di Ecologia, Parma 1-3 Settembre 2008. P. 110.
39. **M. C. Bruno**, L. Silveri, M. Carolli e B. Maiolini. 2008. Alterazione della continuità verticale in un torrente alpino. Atti XVIII Congresso Nazionale della Società Italiana di Ecologia, Parma 1-3 Settembre 2008. P. 132.
40. N. Salmaso, A. Zignin, B. Maiolini, **M.C. Bruno**, P. Sartori, M. Zambiasi, N. Dell'Acqua. 2008. Caratteristiche ecologiche del fiume adige lungo gradienti longitudinali: effetti della regimazione idrologica. Atti XVIII Congresso Nazionale della Società Italiana di Ecologia, Parma 1-3 Settembre 2008. P. 19.
41. **Bruno M. C.**, Franzoi P., and V. Cottarelli. 1996. Prime osservazioni sulla struttura della comunità di Copepodi Arpacticoidi interstiziali del Lago di Bolsena (Italia Centrale). *Atti VII Congresso Nazionale della Società Italiana di Ecologia, Napoli 11-14 Settembre 1996*: 519-522.
42. Franzoi P., De Filippo C., **Bruno M.C.**, and R. Rossi. 1997. Ritmo nictemerale di alimentazione di *Syngnathus taenionotus* e *S. abaster* (Osteichthyes: Syngnathidae) in una laguna del Delta del Po. Atti XXVII Congresso della Società Italiana di Biologia Marina, Portoferraio 20-25 Maggio 1996. *Biol. Mar. Medit.* 4 (1): 1-10.
43. **Bruno M.C.**, Cottarelli V., and P. Franzoi. 1997. Ruolo dei fattori ambientali nella struttura della comunità di Copepodi Arpacticoidi interstiziali del Lago di Bolsena (Italia Centrale). Atti VIII Congresso Nazionale della Società Italiana di Ecologia, Parma 11-12 Settembre 1997. 151-154.

Additional information

Memberships

1. International Society for River Science from July 2009
2. International Society for Subterranean Biology from September 2008
3. Crustacean Society from 1998- 2018
4. Società Italiana di Ecologia (S.It.E.) from September 1996
5. World Association of Copepodologist from July 1999
6. National Order of Biologists n° 39723 from April 1991
7. European Geosciences Union 2010-2012
8. CIRF Centro Italiano Riqualificazione Fluviale from June 2012.
9. American Geophysical Union in 2013
10. IAHS the International Association of Hydrological Sciences from August 2013
11. International Association of Astacology from 2022



<i>Scientific/organizing committees of national and international meetings</i>	1. Scientific Steering committee, e- International Conference on Copepoda (e-ICOC), 25-28 July 2022. 2. Scientific committee, I.S.Rivers conference, July 4 to 8, 2022, Lyon 3. Organizing committee, XXVI Congresso Associazione Italiana di Oceanologia e Limnologia, 27 giugno – 1 luglio 2022, S. Michele all'Adige
<i>Reviewer activity for international peer reviewed journals</i>	Advances in Oceanography and Limnology, Science of the Total Environment, Biological Control, Canadian Journal of Fisheries and Aquatic Sciences, Ecohydrology, Ecological Engineering, Ecotoxicology and Environmental Safety, Environmental Science and Pollution Research, Knowledge and Management of Aquatic Ecosystems, Freshwater Biology, Hydrobiologia, International Journal of Limnology, Italian Journal of Zoology, Journal of Limnology, Journal of Applied Ecology, Limnologica, River Research and Application, Annales Zoologici, Crustaceana, Journal of Natural History, Zookeys, Zootaxa, European Journal of Taxonomy, Archiv für Hydrobiologie, Proceedings of the Biological Society of Washington, Journal of Crustacean Biology, Zoological Journal of the Linnean Society, Meiofauna Marina, Zoological studies, Subterranean Biology, , Marine and Freshwater Research, Fundamental and Applied Limnology, Journal of the North American Benthological Society.
<i>Editorial activity for international peer reviewed journals</i>	Guest Editor for the special issue of River Research and Application 2012 28(6): Dam operations: abiotic and biotic effects, release management and mitigation/restoration options.
<i>Convenor to International meetings</i>	1. Co-convenor: European Geosciences Union General Assembly 2010 (Wien, Austria 02-07 May 2010) session HS3.6. Dam operations: abiotic and biotic effects, release management and mitigation/restoration options. 2. Co-convenor: European Geosciences Union General Assembly 2011 (Wien, Austria 03-08 April 2011) session: Hydropower production operations: abiotic and biotic effects, release management and mitigation/restoration options. 3. Co-convenor session: Hydrological change and water systems: feedbacks, prediction, and experimental management. American Geophysical Union Fall Meeting, San Francisco 9-13 December 2013.

Teaching and academic roles/ Total courses 10; Total supervision 25; Total reviews 3

<i>University courses teaching</i>	A.Y. 2020/21, 2021/22, 2022/23: Lecturer, , course (8 hour): "Aquatic ecosystems in natural and human impacted environments". C3A Doctoral Programme, Department of Civil, Environmental and Mechanical Engineering -University of Trento A.Y. 2019/20; 2020/21, 2021/22, 2022/23: Lecturer, course (10 hours) "Ecologia fluviale in condizioni naturali ed effetti delle alterazioni dei deflussi". Department of Civil, Environmental and Mechanical Engineering -University of Trento A. Y.2016-2017, 2017-2018, 2018-2019: Contracted Professor, module (12 hours) "Ecologia fluviale in condizioni naturali ed effetti delle alterazioni dei deflussi". Department of Civil, Environmental and Mechanical Engineering -University of Trento A. Y.2006-2007: Contracted Professor, Course (32 hours: CFU 4) "Biogeografia". Master degree in "Diversità dei sistemi biologici", University della Tuscia, Viterbo, Italy A. Y. 2004/05, 2005/06: Contracted Professor, Course (48 ore:CFU 2 + 2 lab). "Laboratorio di tecniche per lo studio dei sistemi biologici" Master degrees in "Gestione Sostenibile delle Acque Interne" and "Diversità dei sistemi biologici", University della Tuscia, Viterbo, Italy. A. Y. 2004-2005: Contracted Professor, Integrative course (10 hours) "Biologia e tassonomia degli organismi di acque continentali" master Degree in Scienze Ambientali, University della Tuscia, Viterbo, Italy Member (as contracted professor) of the examination commissions at University della University della Tuscia, Viterbo, Italy, for the following courses: a.y. 2004/05, 2005/06,
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2006/07: Biologia animale e vegetale – Master degree in Scienze Ambientali; Biologia animale e vegetale – Master degree. in Biotecnologie agrarie ed industriali; Etologia Animale – Master degree in Comunicazione ed Educazione per le Scienze della Natura; Biologia generale con laboratorio – Master degree in. in Educazione e Divulgazione Ambientale; a.y. 2005/2006, 2006/2007: Laboratorio di esperienze didattiche in biologia - Master degree in Educatore e Divulgatore Ambientale.

Member (as Subject expert) of the examination commissions at University della Tuscia for the following courses: from a.y. 1994/1995 to 1998/99: Biologia I, Master degree in Scienze Ambientali; from a.y. 1996/1997 to 1998/99: Biogeografia, Master degree in Scienze Ambientali; from a.y. 1996/1997 to 1998/99: Zoogeografia, Master degree in Scienze Biologiche

Ph.D. supervision and external examiner experiences

1. Coadvisor of Francesca Vallefuoco, 2022, Ph.D. Thesis in Environmental Engineering. Department of Civil, Environmental and Mechanical Engineering, University of Trento: Advancing tools for the assessment of Ecological flows in Rivers.
2. Coadvisor of Stefano Brighenti, 2019, Ph.D Thesis in Rivers Sciences, ERASMUS MUNDUS SMART (Science for the management of rivers and their Tidal Systems): Ecological shifts of stream ecosystems in deglaciating Alpine areas.
3. Coadvisor for Maja Grubisic, 2017, Ph.D Thesis in Rivers Sciences, ERASMUS MUNDUS SMART (Science for the management of rivers and their Tidal Systems): Impact of artificial light on benthic primary producers in freshwaters.
4. Coadvisor of Alessandro Manfrin, 2017, Ph.D Thesis in Rivers Sciences, ERASMUS MUNDUS SMART (Science for the management of rivers and their Tidal Systems): Effect of hydrology and artificial light on aquatic - terrestrial food webs.
5. Coadvisor of Matej Faller, 2018, Ph.D Thesis in Rivers Sciences, ERASMUS MUNDUS SMART (Science for the management of rivers and their Tidal Systems): Ecosystem engineering impacts of invasive species on river banks: signal crayfish and Himalayan balsam.
6. Coadvisor of Alexander Lumdson, 2015, Ph.D Thesis in Rivers Sciences, ERASMUS MUNDUS SMART (Science for the management of rivers and their Tidal Systems), September 2015: Global development, acoustic and emissive consequences of hydropower
7. Coadvisor of Matthew J. Cashman, 2014, Ph.D Thesis in Rivers Sciences, ERASMUS MUNDUS SMART (Science for the management of rivers and their Tidal Systems), September 2014: The effect of large wood on river physical habitat and nutritional dynamics.
8. External examiner: Elisa Bottazzi, Ph.D in Ecology. Parma University, 2010: Indagini ecologiche su sorgenti e headwaters dell'alto Appennino parmense.
9. External examiner: Juliette Bequet, French National Institute for Agriculture, Food, and Environment IRSTEA (Riverly Lab, Lyon, France), 2022: Impact of hydrological alterations on mountain aquatic ecosystems in the French Alps.
10. External examiner: Luca Vecchioni, PhD in Animal Production Science and Technology, Universitat Politècnica de València, 2020: Systematics and phylogeography of the genus *Tigriopus* (Copepoda, Harpacticoida, Harpacticidae) in the basin of the Mediterranean Sea.

Master thesis, supervision

1. Coadvisor of Davide Sfiller, Master degree in Environmental Engineering, University of Trento, 2022: Applicazione e validazione del metodo di modellazione a meso-scala (MesoHABSIM) a popolazioni di gambero di fiume *Austropotamobius pallipes* complex. Advisor: prof. W. Bertoldi. A.Y. 2020/2021
2. Coadvisor of Federica Bressan, Master degree in Natural Sciences, University of Padua, 2018: Effetti della deglaciazione sulle reti trofiche dei torrenti alpini d'alta quota. Candidate. Advisor: dr. C. Papetti. A.Y. 2017/2018.
3. Coadvisor of Linda Faè, Master degree in Ecology and Nature Conservation, University of Parma, 2018: Effetti ecologici dell'intermittenza idrologica sulla fauna interstiziale in corsi d'acqua di basso ordine del bacino del Fiume Po. Advisor: prof. Giampaolo Rossetti, A.Y. 2017-2018.

4. Coadvisor of Alfredo Maule, Master degree in Environmental Biology, Turin Università, 2018: I fiumi artificiali per lo studio degli effetti delle secche sugli ecosistemi lotici alpini. Advisor: prof. Francesca Bona. A.Y 2017-2017.
5. Coadvisor of Thomas Holtz Master degree in in Science and Technology for the Environment and its Resources, Parma University, 2018. Impacts of deglaciation on alpine stream ecosystems (South Tyrol, Italy). Advisor: prof. Giampaolo Rossetti, A.Y. 2017-2018.
6. Coadvisor of Beatrice Palmia, Master degree in Science and Technology for the Environment and its Resources, Parma University, 2016: Effetto di rilasci di sedimento fine sulla fauna bentonica di corsi d'acqua alpini: un approccio simulativo in canalette semi-artificiali. Advisor: prof. Giampaolo Rossetti, A.Y. 2015-2016.
7. Coadvisor of Patrizia Visentin, Master degree in Evolutionary Biology, Padua University, 2015: Studio del potenziale utilizzo di copepodi ciclopidi per la lotta biologica alle zanzare del genere *Aedes* in Trentino. Advisor: Dr. Lorenzo Zane, A.Y. 2014/2015.
8. Coadvisor of Sara Cortellazzi, Master's Degree Course in Environmental Science and Technology, University of Padua, 2013: Studio delle popolazioni di decapodi nella Val di Cembra (Trentino Nord-Orientale), Advisor: Prof. Bruna Gumiero, A.Y. 2012/2013.
9. Coadvisor of Lorenzo Colaiani, Master's Degree Course in Environmental Science and Technology, University of Padua, 2013: Effetti del regime idrologico sulle comunità macrobentoniche di torrenti alpini: un approccio simulativo-sperimentale. Advisor: Prof. Bruna Gumiero, A.Y. 2012/2013.
10. Coadvisor of Silvia Zaupa, Master degree in Evolutionary Biology, Padua University, 2009: Copepodi dell'epicarso di quattro cavità dei Monti Lessini: distribuzione, tassonomia e considerazioni biogeografiche. Advisor: Prof. Laura Guidolin, A. Y. 2008-2009.
11. Coadvisor of Giulia Sagnotti, master degree in Environmental Sciences, Tuscia University, 2001: Lo studio delle comunità di copepodi planctonici di zone umide temporanee a diverso idroperiodo (Everglades National Park, USA) come contributo a problematiche di gestione ambientale. Relatore: prof. Vezio Cottarelli, A.Y. 1999-2000.

Bachelor thesis, supervision

1. Coadvisor of Matteo Vario, Bachelor degree in Environmental Science and Technology, University of Padua, 2018: Caratterizzazione di comunità di invertebrati nel drift di torrenti alpini (Val Solda, Parco Nazionale dello Stelvio, Alto Adige). Advisor: prof. V. Matozzo, A.Y. 2017/2018.
2. Coadvisor of Martina Melchiori, Bachelor degree in Biological Sciences, University of Eastern Piedmont, 2018: Gestione sostenibile e riqualificazione ecologica di fossi agricoli in un'area di fondovalle alpino. Advisor: prof. Stefano Fenoglio, A.Y. 2016-2017.
3. Coadvisor of Francesco Macchi, Bachelor degree in Agrotechnology for the Environment and the Territory, University of Milan, 2017: Risposte della comunità bentonica a fenomeni di intermittenza idrologica. Advisor: dott. Matteo Montagna, A.Y. 2015/2016.
4. Coadvisor of Michele Iannotti, Bachelor degree in Biological Science, University of Modena and Reggio Emilia, 2016: Caratterizzazione dell'habitat riproduttivo dell'ululone dal ventre giallo (*Bombina variegata*) in fossi agricoli della piana rotaliana (Val d'Adige, Trentino). Advisor: Prof.ssa Daniela Prevedelli, A.Y 2016/2017.
5. Coadvisor of Anna Angheben, Bachelor degree in Environmental Science and Technology, University of Padua, 2014: Studio sulla resistenza e capacità di riposizionamento di macroinvertebrati soggetti a drift catastrofico. Advisor: Prof. V. Matozzo, A.Y. 2013/2014.

Projects reviewing activity

6. Coadvisor of Antonio Renna, Bachelor degree in Environmental Sciences, University della Tuscia, 2005: Riserva Naturale Regionale Selva del Lamone: studio della comunità interstiziale dell'ambiente iporreico e parafluviale del torrente Olpeta e sorgente della Nova. Advisor: Prof. Vezio Cottarelli, A.Y. 2003-2004.
7. Coadvisor of Marianna Menghini, Bachelor degree in Environmental Sciences, University della Tuscia, 2005: Studio della biocenosi di copepodi interstiziali del corso del Fiume Serchio (Toscana). Advisor: Prof. Vezio Cottarelli, A.Y. 2003-2004.
1. External reviewer for the Italian Ministry of University and Research, PRIN: Progetti di Ricerca di Rilevante Interesse Nazionale – Bando 2020 (2 projects)
2. External reviewer for the Swiss Federal Institute of Technology: ETH Fellowship Application post-doc grant. September 2013.
3. External reviewer for the Icelandic Research Fund for the evaluation of Grant proposal. October 2012.
4. External reviewer for the Austrian Science Fund for the evaluation of Grant proposal. August 2008.

Personal skills and competences

Mother tongue(s)

Other language(s)

Self-assessment

Italian

English (IELTS International English Language Testing System test undertaken on 10/05/2014) Score: Listening 8.0, reading 7.5, writing 6.0, speaking 8.0, overall score 7.5: Proficient user C1

European level: Common European Framework of Reference for Languages

	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Italian	C2	C2	C2	C2	C2

Certified technical courses

MesoHABSIM: Mesohabitat simulation model - Training course for the evaluation and modelling of riverine habitat. Trento, October 21- 23 2015.
QGIS Base module (2022)