FORMATO EUROPEO PER IL CURRICULUM VITAE

INFORMAZIONI PERSONALI

Nome	**MICHELE CARBOGNANI**
Nazionalità	Italiana

ESPERIENZA LAVORATIVA

• Date (da – a)	30.11.2019 – oggi
• Nome e indirizzo del datore di lavoro	Dipartimento di Scienze Chimiche, della Vita e della Sostenibilità Ambientale, Università degli Studi di Parma, Parco Area delle Scienze-11/A, 43124, Parma
• Tipo di impiego	Ricercatore universitario a tempo determinato (art. 24 c.3-b L. 240/10)
• Date (da – a)	16.04.2015 – 15.04.2019
• Nome e indirizzo del datore di lavoro	Dipartimento di Scienze Chimiche, della Vita e della Sostenibilità Ambientale, Università degli Studi di Parma, Parco Area delle Scienze-11/A, 43124, Parma
• Tipo di impiego	Assegnista di ricerca, “Effetti del riscaldamento climatico sugli ecosistemi di valletta nivale”
• Date (da – a)	01.03.2018 – 10.09.2018
• Nome e indirizzo del datore di lavoro	Dipartimento di Scienze Chimiche, della Vita e della Sostenibilità Ambientale, Università degli Studi di Parma, Parco Area delle Scienze-11/A, 43124, Parma
• Tipo di impiego	Contrattista per attività di insegnamento per il corso “Metodi di raccolta e analisi dei dati naturalistici ed ambientali”
• Date (da – a)	01.02.2017 – 30.09.2017
• Nome e indirizzo del datore di lavoro	Dipartimento di Bioscienze, Università degli Studi di Parma, Parco Area delle Scienze-11/A, 43124, Parma
• Tipo di impiego	Contrattista per attività di insegnamento per il corso “Metodi di raccolta e analisi dei dati naturalistici ed ambientali”
• Date (da – a)	03.02.2014 – 02.03.2015
• Nome e indirizzo del datore di lavoro	Dipartimento di Bioscienze, Università degli Studi di Parma, Parco Area delle Scienze-11/A, 43124, Parma
• Tipo di impiego	Borsista, “Effetti del riscaldamento climatico sulla fenologia delle specie vegetali di valletta nivale”
• Date (da – a)	01.12.2011 – 30.11.2013
• Nome e indirizzo del datore di lavoro	Dipartimento di Bioscienze, Università degli Studi di Parma, Parco Area delle Scienze-11/A, 43124, Parma
• Tipo di impiego	Assegnista di ricerca, “Produzione primaria e Fenologia in due diverse comunità di valletta nivale: effetti del riscaldamento climatico ottenuto mediante OTCs”
• Date (da – a)	04.04.2007 – 06.01.2008
• Nome e indirizzo del datore di lavoro	Museo tridentino di Scienze Naturali, Via Calepina-14, Trento
• Tipo di impiego	Contrattista per visite guidate

ISTRUZIONE E FORMAZIONE

• Date (da – a)	01.01.2008 – 31.12.2010
• Nome e tipo di istituto di istruzione o formazione	Dipartimento di Biologia Evolutiva e Funzionale, Università degli Studi di Parma, Parco Area delle Scienze-11/A, 43124, Parma
• Qualifica conseguita	Dottorato di Ricerca in Biologia Vegetale
• Date (da – a)	2001 – 2006
• Nome e tipo di istituto di istruzione o formazione	Dipartimento di Biologia Evolutiva e Funzionale, Università degli Studi di Parma, Parco Area delle Scienze 11/A, 43124, Parma
• Qualifica conseguita	Laurea in Scienze Naturali

CAPACITÀ E COMPETENZE PERSONALI

PRIMA LINGUA	**Italiano**
ALTRE LINGUE	
	Inglese
• Capacità di lettura	Buono
• Capacità di scrittura	Buono
• Capacità di espressione orale	Buono
CAPACITÀ E COMPETENZE RELAZIONALI	Buone capacità di relazionarsi con gruppi e singoli
CAPACITÀ E COMPETENZE ORGANIZZATIVE	Buone capacità di gestire le attività e la logistica di gruppi e progetti, spiccata autonomia organizzativa
CAPACITÀ E COMPETENZE TECNICHE	Buona conoscenza di programmi per l'elaborazione dati e l'analisi statistica. Buone capacità nell'organizzazione di disegni sperimentali e campionamenti. Buone conoscenze di strumenti di misura e tecniche di laboratorio
PATENTE O PATENTI	B

Autorizzo il trattamento dei miei dati personali ai sensi del D.lgs. 196 del 30 giugno 2003.

Elenco delle pubblicazioni scientifiche

1. Rixen C, Høye TT, Macek P, Aerts R, Alatalo J, Andeson J, PA, Barrio IC, Bjerke J, Björkman MP, Blok D, Blume-Werry G, Boike J, Bokhorst S, Carbognani M, Christiansen C, Convey P, Cooper EJ, J. Cornelissen JHC, Coulson S, Dorrepaal E, Elberling B, Elmendorf S, Elphinstone C, Forte TGW, Frei ER, Geange S, Gehrmann F, Gibson C, Grogan P, Halbritter AH, Harte J, Henry GHR, Inouye DW, Irwin R, Jespersen G, Jónsdóttir IS, Jung JY, Klinges DH, Kudo G, Lämsä J, Lee H, Lembrechts JJ, Lett S, Scott Lynn JS, Mads Mann HMR, Mastepanov M, Morse J, Myers-Smith I, Olofsson J, Paavola R, Petraglia A, Phoenix GK, Semenchuk P, Siewert MB, Slatyer R, Spasojevic M, Suding K, Sullivan P, Thompson KL, Väisänen M, Vandvik V, Venn S, Walz J, Way R, Welker JM, Wipf S, Zong S (2022) Winters are changing: snow effects on Arctic and alpine tundra ecosystems. **Arctic Science** on-line. ISSN: 2368-7460, doi: 10.1139/AS-2020-0058

2. Porro F, Orsenigo S, Abeli T, Mondoni A, Corli A, White FJ, Lodetti S, Tomaselli M, Petraglia A, Carbognani M, Gualmini M, Forte TGW, Erschbamer B, Nicklas L, Carnicero P, Mallaun M, Unterluggauer P, Stanisci A, Giancola C, di Martino L, Barni E, Oddi L, Morra di Cella U, Gentili R, Dellavedova R, Adorni M, Pauli H, Rossi G (2021) Richer, greener, and more thermophilous? – a first overview of global warming induced changes in the Italian alpine plant communities within the new GLORIA ITALIA NETWORK. **Plant Biosystems** on-line. ISSN: 1126-3504, doi: 10.1080/11263504.2021.1992527

3. Lembrechts J, van den Hoogen J, Aalto J, Ashcroft MB, De Frenne P, Kemppinen J, Kopecký M, Luoto M, Maclean IMD, Crowther TW, Bailey JJ, Haesen S, Klinges DH, Niittynen P, Scheffers BR, Van Meerbeek K, Aartsma P, Abdalaze O, Abedi M, Aerts R, Ahmadian N, Ahrends A, Alatalo JM, Alexander JM, Allonsius CN, Altman J, Ammann C, Andres C, Andrews C, Ardö J, Arriga N, Arzac A, Aschero V, Assis RL, Assmann JJ, Bader MY, Bahalkeh K, Barančok P, Barrio IC, Barros A, Barthel M, Basham EW, Bauters M, Bazzichetto M, Belelli Marchesini L, Bell MC, Benavides JC, Benito Alonso JL, Berauer BJ, Bjerke JW, Björk RG, Björkman MP, Björnsdóttir K, Blonder B, Boeckx P, Boike J, Bokhorst S, Brum BNS, Brůna J, Buchmann N, Buysse P, Camargo JL, Campoe OC, Candan O, Canessa R, Cannone N, Carbognani M, Carnicer J, Casanova-Katny A, Cesarz S, Chojnicki B, Choler P, Chown SL, Cifuentes EF, Čiliak M, Contador T, Convey P, Cooper EJ, Cremonese E, Curasi SR, Curtis R, Cutini M, Dahlberg CJ, Daskalova GN, de Pablo MA, Della Chiesa S, Dengler J, Deronde B, Descombes P, Di Cecco V, Di Musciano M, Dick J, D. Dimarco RD, Dolezal J, Dorrepaal E, Dušek J, Eisenhauer N, Eklundh L, Erickson TE, Erschbamer B, Eugster W, Ewers RM, Exton DA, Fanin N, Fazlioglu F, Feigenwinter I, Fenu G, Ferlian O, Fernández Calzado MR, Fernández-Pascual E, Finckh M, Finger Higgens R, Forte TGW, Freeman EC, Frei ER, Fuentes-Lillo E, García RA, García MB, Géron C, Gharun M, Ghosn D, Gigauri K, Gobin A, Goded I, Goeckede M, Gottschall F, Goulding K, Govaert S, Jessen Graae BJ, Greenwood S, Greiser C, Grelle A, Guénard B, Guglielmin M, Guillemot J, Haase P, Haider S, Halbritter AH, Hamid M, Hammerle A, Hampe A, Haugum SV, Hederová L, Heinesch B, Helfter C, Hepenstrick D, Herberich M, Herbst M, Hermanutz L, Hik DS, Hoffrén R, Homeier J, Hörtnagl L, Høye TT, Hrbacek F, Hylander K, Iwata H, Jackowicz-Korczynski MA, Jactel H, Järveoja J, Jastrzębowski S, Jentsch A, Jiménez JJ, Jónsdóttir IS, Jucker T, Jump AS, Juszczak R, Kanka R, Kašpar V, Kazakis G, Kelly J, Khuroo AA, Klemedtsson L, Klisz M, Kljun N, Knohl A, Kobler J, Kollár J, Kotowska MM, Kovács B, Kreyling J, Lamprecht A, Lang SI, Larson C, Larson K, Laska K, le Maire G, Leihy RI, Lens L, Liljebladh B, Lohila A, Lorite J, Loubet B, Lynn J, Macek M, Mackenzie R, Magliulo E, Maier R, Malfasi F, Máliš F, Man M, Manca G, Manco A, Manise T, Manolaki P, Marciniak F, Matula R, Mazzolari AC, Medinets S, Medinets V, Meeussen C, Merinero S, de Cássia Guimarães Mesquita R, Meusburger K, Meysman FJR, Michaletz ST, Milbau A, Moiseev D, Moiseev P, Mondoni A, Monfries R, Montagnani L, Moriana-Armendariz M, Morra di Cella U, Mörsdorf M, Mosedale JR, Muffler L, Muñoz-Rojas M, Myers JA, Myers-Smith IH, Nagy L, Nardino M, Naujokaitis-Lewis I, Newling E, Nicklas L, Niedrist G, Niessner A, Nilsson MB, Normand S, Nosetto MD, Nouvellon Y, Nuñez MA, Ogaya R, Ogée J, Okello J, Olejnik J, Olesen JE, Opedal ØH, Orsenigo S, Palaj A, Pampuch T, Panov AV, Pärtel M, Pastor A, Pauchard A, Pauli H, Pavelka M, Pearse WD, Peichl M, Pellissier L, Penczykowski RM, Penuelas J, Petit Bon M, Petraglia A, Phartyal SS, Phoenix GK, Pio C, Pitacco A, Pitteloud C, Plichta R, Porro F, Portillo-Estrada M, Poulenard J, Poyatos R, Prokushkin AS, Puchalka R, Puşcaş M, Radujković D, Randall K, Ratier Backes A, Remmele S, Remmers W, Renault D, Risch AC, Rixen C, Robinson SA, Robroek BJM, Rocha AV, Rossi C, Rossi G, Roupsard O, Rubtsov AV, Saccone P, Sagot C, Sallo Bravo J, Santos CC, Sarneel JM, Scharnweber T, Schmeddes J, Schmidt M, Scholten T, Schuchardt M, Schwartz N, Scott T, Seeber J, Segalin de Andrade AC, Seipel T, Semenchuk P, Senior RA, Serra-Diaz JM, Sewerniak P, Shekhar A, Sidenko NV, Siebicke L, Siegwart Collier L, Simpson E, Siqueira DP, Sitková Z, Six J, Smiljanic M, Smith SW, Smith-Tripp S, Somers B, Sørensen MV,

Souza JJLL, Souza BI, Souza Dias A, Spasojevic MJ, Speed JDM, Spicher F, Stanisci A, Steinbauer K, Steinbrecher R, Steinwandter M, Stemkovski M, Stephan JG, Stiegler C, Stoll S, Svátek M, Svoboda M, Tagesson T, Tanentzap AJ, Tanneberger F, Theurillat J-P, Thomas HJD, Thomas AD, Tielbörger K, Tomaselli M, Treier UA, Trouillier M, Turtureanu PD, Tutton R, Tyystjärvi VA, Ueyama M, Ujházy K, Ujházyová M, Uogintas D, Urban AV, Urban J, Urbaniak M, Ursu T-M, Primo Vaccari FP, Van de Vondel S, van den Brink L, Van Geel M, Vandvik V, Vangansbeke P, Varlagin A, Veen GF, Veenendaal E, Venn SE, Verbeeck H, Verbrugggen E, Verheijen FGA, Villar L, Vitale L, Vittoz P, Vives-Ingla M, von Oppen J, Walz J, Wang R, Wang Y, Way RG, Wedegärtner REM, Weigel R, Wild J, Wilkinson M, Wilmking M, Wingate L, Winkler M, Wipf S, Wohlfahrt G, Xenakis G, Yang Y, Yu Z, Yu K, Zellweger F, Zhang J, Zhang Z, Zhao P, Ziemblińska K, Zimmermann R, Zong S, Zyryanov VI, Nijs I, Lenoir J (2021) Global maps of soil temperature. **Global Change Biology** on-line. ISSN: 1354-1013, doi: 10.1111/gcb.16060

4. Hájek M, Těšitel J, Tahvanainen T, Peterka T, Jiménez-Alfaro B, Jansen F, Pérez-Haase A, Garbolino E, Carbognani M, Kolari THM, Hájková P, Jandt U, Aunina L, Pawlikowski P, Ivchenko T, Tomaselli M, Tichý L, Dítě D, Plesková Z, Mikulášková M (2021) Rising temperature modulates pH niches of fen species. **Global Change Biology** 28: 1023-1037. ISSN: 1354-1013, doi: 10.1111/gcb.15980

5. Tomaselli M, Carbognani M*, Foggi B, Adorni M, Petraglia A, Forte TGW, Segadelli S, Rossi G, Gennai M (2021) Scree vegetation in the northern Apennines (N-Italy). **Phytocoenologia** 51: 39-94. ISSN: 0340-269X, doi: 10.1127/phyto/2020/0391 [* corresponding author]

6. Delnevo N, Piotti A, Carbognani M, Van Etten E, Stock W, Field DL, Byrne M (2021) Genetic and ecological consequences of recent habitat fragmentation in a narrow endemic plant species within an urban context. **Biodiversity and Conservation** 30: 3457-3478. ISSN: 1572-9710, doi: 10.1007/s10531-021-02256-x

7. Lett S, Jónsdóttir IS, Becker-Scarpitta A, Christiansen CT, During H, EkelundF, Henry GHR, , Lang S, Anders Michelsen A, Rousk K, Alatalo J, Betway KR, Busca S, Callaghan T, Carbognani M, Cooper EJ, Cornelissen JHC, Dorrepaal E, Egelkraut D, Elumeeva TG, Haugum SV, Hollister RD, Jägerbrand AK, Keuper F, Klanderud K, Lévesque E, Liu X, May J, Michel P, Mörsdorf MA, Petraglia A, Rixen C, Robroek B, Rzepczynska AM, Soudzilovskaia N, Tolvanen A, Vandvik V, Volkov I, Volkova I, van Zuijlen K (2021) Can bryophyte groups increase functional resolution in tundra ecosystems? **Arctic Science** on-line. ISSN: 2368-7460, doi: 10.1139/AS-2020-0057

8. Kwon TO, Shibata H, Kepfer-Rojas S, Schmidt IK, Larsen KS, Beier C, Berg B, Verheyen K, Lamarque J-F, Hagedorn F, Eisenhauer N, Djukic I, TeaComposition Network (2021) Effects of Climate and Atmospheric Nitrogen Deposition on Early to Mid-Term Stage Litter Decomposition Across Biomes. **Frontiers in Forests and Global Change** 4:678480. ISSN: 2624-893X, doi: 10.3389/ffgc.2021.678480

9. Collins CG, Elmendorf SC, Hollister RD, Henry GHR, Clark K, Bjorkman AD, Myers-Smith IH, Prevéy JS, Ashton IW, Assman JJ, Alatalo JM, Carbognani M, Chisholm C, Cooper EJ, Forester C, Jonsdottir IS, Klanderud K, Kopp CW, Livensperger C, Mauritz M, May JL, Molau U, Oberbauer SF, Ogburn E, Panchen ZA, Petraglia A, Post E, Rixen C, Rodenhizer H, Schuur EAG, Semenchuk P, Smith GJ, Steltzer H, Totland Ø, Walker MD, Welker JM, Suding KN (2021) Experimental warming differentially affects vegetative and reproductive phenology of tundra plants. **Nature Communications** 12: 3442. ISSN: 2041-1723, doi: 10.1038/s41467-021-23841-2

10. Prevéy J, Elmendorf S, Bjorkman A, Alatalo J, Ashton I, Assmann J, Björk R, Björkman MP, Cannone N, Carbognani M, Chisholm C, Clark K, Collins C, Cooper E, Elberling B, Frei E, Henry G, Hollister RD, Høye T, Jónsdóttir IS, Kerby J, Klanderud K, Kopp C, Lévesque E, Mauritz M, Molau U, Myers-Smith I, Natali S, Oberbauer S, Panchen Z, Petraglia A, Post E, Rixen C, Rodenhizer H, Rumpf S, Schmidt NM, Schuur E, Semenchuk P, Smith J, Suding K, Toteland O, Troxler T, Wahren H, Welker J, Wipf S, Yang Y (2021) The tundra phenology database: more than two decades of tundra phenology responses to climate change. **Arctic Science** on-line. ISSN: 2368-7460, doi: 10.1139/as-2020-0041

11. Hájek M, Jiménez-Alfaro B, Hájek O, Brancaleoni L, Cantonati M, Carbognani M, Dedić A, Dítě D, Gerdol R, Hájková P, Horsáková V, Jansen F, Kamberović J, Kapfer J, Kolari THM, Lamentowicz M, Lazarević P, Mašić E, Moeslund JE, Pérez-Haase A, Peterka T, Petraglia A, Pladevall-Izard E, Plesková Z, Segadelli S,

Semeniuk Y, Singh P, Šímová A, Šmerdová E, Tahvanainen T, Tomaselli M, Vystavna Y, Biţă-Nicolae C, Horsák M (2021) A European map of groundwater pH and calcium. **Earth System Science Data** 13: 1089–1105. ISSN: 1866-3508, doi: 10.5194/essd-13-1089-2021

12. Delnevo N, Van Etten E, Byrne M, Petraglia A, Carbognani M, Stock W (2020) Habitat fragmentation restricts insect pollinators and pollen quality in a threatened Proteaceae. **Biological Conservation** 252: 108824. ISSN: 0006-3207, doi: 10.1016/j.biocon.2020.108824

13. Thomas HJD, Bjorkman AD, Myers-Smith IH, Elmendorf SC, Kattge J, Diaz S, Vellend M, Blok D, Cornelissen JHC, Forbes BC, Henry GHR, Hollister RD, Normand S, Prevey JS, Rixen C, Schaepman-Strub G, Wilmking M, Wipf S, Cornwell WK, Beck PSA, Georges D, Goetz SJ, Guay KC, Ruger N, Soudzilovskaia NA, Spasojevic MJ, Alatalo JM, Alexander HD, Anadon-Rosell A, Angers-Blondin S, te Beest M, Berner LT, Bjork RG, Buchwal A, Buras A, Carbognani M, Christie KS, Collier LS, Cooper EJ, Elberling B, Eskelinen A, Frei ER, Grau O, Grogan P, Hallinger M, Heijmans MMPD, Hermanutz L, Hudson JMG, Johnstone JF, Hulber K, Iturrate-Garcia M, Iversen CM, Jaroszynska F, Kaarlejarvi E, Kulonen A, Lamarque LJ, Lantz TC, Levesque E, Little CJ, Michelsen A, Milbau A, Nabe-Nielsen J, Nielsen SS, Ninot JM, Oberbauer SF, Olofsson J, Onipchenko VG, Petraglia A, Rumpf SB, Shetti R, Speed JDM, Suding KN, Tape KD, Tomaselli M, Trant AJ, Treier UA, Tremblay M, Venn SE, Vowles T, Weijers S, Wookey PA, Zamin TJ, Bahn M, Blonder B, van Bodegom PM, Bond-Lamberty B, Campetella G, Cerabolini BEL, Chapin FS, Craine JM, Dainese M, Green WA, Jansen S, Kleyer M, Manning P, Niinemets U, Onoda Y, Ozinga WA, Penuelas J, Poschlod P, Reich PB, Sandel B, Schamp BS, Sheremetiev SN, de Vries FT (2020) Global plant trait relationships extend to the climatic extremes of the tundra biome. **Nature Communications** 11: 1351. ISSN: 2041-1723, doi: 10.1038/s41467-020-15014-4

14. Lembrechts JJ, Aalto J, Ashcroft M B, De Frenne P, Kopecky M, Lenoir J, Luoto M, Maclean IMD, Roupsard O, Fuentes-Lillo E, Garcia R A, Pellissier L, Pitteloud C, Alatalo J M, Smith SW, Bjork R G, Muffler L, Ratier Backes A, Cesarz S, Gottschall F, Okello J, Urban J, Plichta R, Svatek M, Phartyal SS, Wipf S, Eisenhauer N, Puscas M, Turtureanu P D, Varlagin A, Dimarco RD, Jump A S, Randall K, Dorrepaal E, Larson K, Walz J, Vitale L, Svoboda M, Finger Higgens R, Halbritter AH, Curasi SR, Klupar I, Koontz A, Pearse WD, Simpson E, Stemkovski M, Jessen Graae B, Vedel Sorensen M, Hoye TT, Fernandez Calzado MR, Lorite J, Carbognani M, Tomaselli M, Forte TGW, Petraglia A, Haesen S, Somers B, Van Meerbeek K, Bjorkman M P, Hylander K, Merinero S, Gharun M, Buchmann N, Dolezal J, Matula R, Thomas AD, Bailey JJ, Ghosn D, Kazakis G, de Pablo M A, Kemppinen J, Niittynen P, Rew L, Seipel T, Larson C, Speed JDM, Ardo J, Cannone N, Guglielmin M, Malfasi F, Bader M Y, Canessa R, Stanisci A, Kreyling J, Schmeddes J, Teuber L, Aschero V, Ciliak M, Malis F, De Smedt P, Govaert S, Meeussen C, Vangansbeke P, Gigauri K, Lamprecht A, Pauli H, Steinbauer K, Winkler M, Ueyama M, Nunez MA, Ursu T-M, Haider S, Wedegartner REM, Smiljanic M, Trouillier M, Wilmking M, Altman J, Bruna J, Hederova L, Macek M, Man M, Wild J, Vittoz P, Partel M, Barancok P, Kanka R, Kollar J, Palaj A, Barros A, Mazzolari AC, Bauters M, Boeckx P, Benito Alonso J-L, Zong S, Di Cecco V, Sitkova Z, Tielborger K, van den Brink L, Weigel R, Homeier J, Dahlberg CJ, Medinets S, Medinets V, De Boeck HJ, Portillo-Estrada M, Verryckt LT, Milbau A, Daskalova GN, Thomas HJD, Myers-Smith IH, Blonder B, Stephan JG, Descombes P, Zellweger F, Frei ER, Heinesch B, Andrews C, Dick J, Siebicke L, Rocha A, Senior RA, Rixen C, Jimenez JJ, Boike J, Pauchard A, Scholten T, Scheffers B, Klinges D, Basham EW, Zhang J, Zhang Z, Geron C, Fazlioglu F, Candan O, Sallo Bravo J, Hrbacek F, Laska K, Cremonese E, Haase P, Moyano FE, Rossi C, Nijs I (2020) SoilTemp: A global database of near-surface temperature. **Global Change Biology** 26: 6616-6629. ISSN: 1354-1013, doi: 10.1111/gcb.15123

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