

CURRICULUM VITAE AC STUDIORUM

(redatto ai sensi degli Artt. 46 e 47 del D.P.R. 28.12.2000, n. 445)

INFORMAZIONI PERSONALI

Il sottoscritto **MULDER Christian Dominique-Marie**, nato a **Roma il 7 novembre 1961**, consapevole, ai sensi dell'art. 76 del D.P.R. 445/2000, che dichiarazioni mendaci, formazione o uso di atti falsi sono puniti ai sensi del codice penale e delle leggi speciali in materia,

DICHIARA QUANTO SEGUE:*Recapito accademico*

Unità di Ecologia, Orto Botanico, Dipartimento di Scienze Biologiche, Geologiche ed Ambientali, Università degli Studi di Catania, Catania

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<https://www.researchgate.net/profile/Christian-Mulder-2>
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<https://scholar.google.com/citations?hl=it&user=tggt89YAAAAJ>
<https://www.scopus.com/authid/detail.uri?authorId=25650372500>

125 pubblicazioni su SCOPUS/Elsevier**115 pubblicazioni su WoS/WebOfScience****6513 citazioni su SCOPUS/Elsevier****5791 citazioni su WoS/WebOfScience****Media citazioni per pubblicazione da SCOPUS: 52,1****Media citazioni per pubblicazione da WoS: 50,4****H-index 50 su GS, 41 su SCOPUS e 39 su WoS**

POSIZIONE RICOPERTA

- Professore ordinario per il raggruppamento ECOLOGIA (BIOS/05) – Settore Concorsuale 05/C1 Ecologia; Afferenza: Dipartimento di Scienze Biologiche, Geologiche ed Ambientali - Università degli Studi di Catania, Catania (Italia)
- Decano di 'Ecologia', Orto Botanico, 95125 Catania

ESPERIENZA
PROFESSIONALE

SEQUENZA CRONOLOGICA DELLE POSIZIONI RICOPERTE DALLE PIÙ RECENTI ALLE PRIME

<ul style="list-style-type: none"> • Date (da – a) • Nome dell'istituzione • Tipo e settore • Occupazione e funzione • Attività principali e responsabilità 	<p>2021 – 2024</p> <p>Università degli Studi di Catania</p> <p>Interfaccia scienza-politica sui cambiamenti climatici</p> <p>Delegato del Rettore all'Ecologia e l'emergenza climatica</p> <p>Attività accademiche ed istituzionali</p>
<ul style="list-style-type: none"> • Date (da – a) • Nome dell'istituzione • Tipo e settore • Occupazione e funzione • Attività principali e responsabilità 	<p>Dal 2017, posizione corrente</p> <p>Università degli Studi di Catania</p> <p>Professore di Ecologia</p> <p>Cattedra di Ecologia</p> <p>Attività didattiche, di ricerca ed istituzionali</p>
<ul style="list-style-type: none"> • Date (da – a) • Nome dell'istituzione • Tipo e settore • Occupazione e funzione • Attività principali e responsabilità 	<p>2015 – 2017</p> <p>National Institute for Health and Environment, Utrecht, NL</p> <p>IPBES Intergovernmental Platform for Biodiversity and Ecosystem Services, Bonn / New York</p> <p>United Nations Delegate, Panel Observer</p> <p>Science-policy advisor representing The Netherlands</p>
<ul style="list-style-type: none"> • Date (da – a) • Nome dell'istituzione • Tipo e settore • Occupazione e funzione • Attività principali e responsabilità 	<p>2013 – 2017</p> <p>National Institute for Health and Environment, Utrecht, NL</p> <p>Centre for Sustainability, Environmental Research Institute</p> <p>Principal Research Scientist</p> <p>Rappresentante dell personale scientifico RIVM al Consiglio OR SOLUTIONS, UN-ECE-IPCC principal investigator</p> <p><i>Bodembioologische indicator</i>, scientific SOR coordinator of the Dutch national survey of edaphic communities</p>
<ul style="list-style-type: none"> • Date (da – a) • Nome dell'istituzione • Tipo e settore • Occupazione e funzione • Attività principali e responsabilità 	<p>2003 – 2013</p> <p>National Institute for Health and Environment, Utrecht, NL</p> <p>Laboratory for Ecological Risk Assessment, Ricerca pura</p> <p>Principal Investigator</p> <p>EcoFINDERS, ErgoNEMA, BE-BASIC principal investigator</p> <p><i>Bodembioologische indicator</i>, scientific SOR coordinator of the Dutch national survey of edaphic communities</p>
<ul style="list-style-type: none"> • Date (da – a) • Nome dell'istituzione • Tipo e settore • Occupazione e funzione • Attività principali e responsabilità 	<p>2000 – 2003</p> <p>National Institute for Health and Environment, Utrecht, NL</p> <p><i>Laboratory for Ecotoxicology, Environmental Research Institute</i></p> <p>Senior Scientist</p> <p><i>Bodembioologische indicator</i>, scientific SOR coordinator of the Dutch national survey of edaphic communities</p>
<ul style="list-style-type: none"> • Date (da – a) • Nome del datore di lavoro • Tipo e settore • Occupazione e funzione • Attività principali e responsabilità 	<p>1997 – 1999</p> <p>SHELL, Brunei / LPP Foundation</p> <p>Freelance, detached at the Laboratory for Palaeobotany and Palynology of the Rijkuniversiteit Utrecht, Utrecht, NL</p> <p>Professional palynologist</p> <p>Core palaeoecologist</p>

- Date (da – a) 1996 – 2000
- Nome dell'istituzione Rijksuniversiteit Utrecht, Utrecht, Paesi Bassi
- Tipo e settore Postdoctoral Fellow
- Occupazione e funzione Chief Desert Ecologist
- Attività principali e responsabilità Ecologia applicata nell'Okavango e nel Kalahari

- Date (da – a) 1992 – 1995
- Nome dell'istituzione Prima Università degli Studi di Roma "La Sapienza"
- Tipo e settore Dottorato di Ricerca Nazionale VIII Ciclo
- Occupazione e funzione Dottorando di Ricerca
- Attività principali e responsabilità Rappresentante dei Dottorandi al Consiglio di Dipartimento
Ricerca di base in ambiente alpino e di brughiera

- Date (da – a) 1985 – 1993
- Nome del datore di lavoro Palazzo della Cancelleria, Vaticano
- Tipo e settore Settore Linguistico Rotariale
- Occupazione e funzione Traduttore giurato dall'Olandese e dal Tedesco
- Attività principali e responsabilità Legal Officer

ISTRUZIONE E FORMAZIONE

DOTTORATO DI RICERCA NAZIONALE VIII Ciclo (1992–1995)

Tesi di Ricerca intitolata "Analisi comparata della struttura della vegetazione attuale con lo studio palinologico di campioni di superficie in differenti regioni europee", difesa a Bologna il 19.11.1996

LAUREA IN SCIENZE GEOLOGICHE, vecchio ordinamento, indirizzo Geobotanica, con 110/110 (centodieci) alla Prima Università degli Studi di Roma "La Sapienza" con Tesi Sperimentale intitolata "Analisi quantitativa delle correlazioni fra vegetazione litoranea e processi erosivi costieri nel settore mediotirrenico" (difesa a Roma il 19.06.1990)

DIPLOMA DI MATURITA' SCIENTIFICA con 60/60 (sessanta sessantesimi) ottenuto al San Giuseppe Calasanzio, Roma (30.07.1981)

COMPETENZE PERSONALI

Lingua madre TRILINGUE DALLA NASCITA: **ITALIANO, TEDESCO ED OLANDESE**

Altre lingue	COMPRESIONE		PARLATO		PRODUZIONE SCRITTA
	Ascolto	Lettura	Interazione	Produzione orale	
Inglese	C2	C2	C2	C2	C2
Sostituire con il nome del certificato di lingua acquisito. Inserire il livello, se conosciuto					
Afrikaans	C1	C2	B1	B1	A1
Sostituire con il nome del certificato di lingua acquisito. Inserire il livello, se conosciuto					

Livelli: A1/A2: Utente base - B1/B2: Utente intermedio - C1/C2: Utente avanzato
[Quadro Comune Europeo di Riferimento delle Lingue](#)

Competenze istituzionali
 Supervisione progettuale

Coordinatore dei progetti di ricerca nazionali olandesi:
 1- "ERGO-Nema" ("GM Crop Impact Assessment on Soil Ecosystems by DNA Barcode-based Monitoring of Nematode Communities" ammesso al finanziamento sulla base di bandi competitivi nei Paesi Bassi) dal 12.02.2008 al 31.12.2013 per un budget di 800,000€ assegnato dalla NWO a RIVM e Wageningen University and Research Centre;

Gestione internazionale

2- “BeBasic” (ammesso al finanziamento sulla base di bandi competitivi nei Paesi Bassi) per un budget di 112,000€ dal 1.10.2011 al 31.12.2015;

In passato responsabile di unità di ricerca (U.R.) dei seguenti progetti di ricerca internazionali:
 3- “EcoFINDERS (ammesso al finanziamento sulla base di bandi competitivi Europei FP7 e gestito dalla INRA di Digione, Francia) per un budget di 9,985,000€ dal 1.1.2011 al 31.12.2014 [Task Leader e Responsabile scientifico del RIVM];

4- “CCE-UNECE” (ammesso al finanziamento sulla base di bandi competitivi dell’IPCC delle Nazioni Unite) per un budget di 45,000€ dal 1.1.2013 al 31.12.2016;

5- “SOLUTIONS” (ammesso al finanziamento sulla base di bandi competitivi Europei FP7 e gestito dall’UFZ) per un budget di 16,323,000€ dal 1.10.2013 al 30.9.2018;

Responsabile di unità di ricerca (U.R.) dei seguenti progetti di ricerca internazionali:
 6 - “EuDAPHOBASE” (ammesso al finanziamento sulla base di bandi competitivi Europei COST) dal 09.09.2019 al 10.09.2023 (Membro dello Steering Committee CA18237 e capofila UNICT di 3 Short Term Scientific Missions, STSM grants e 2 Virtual Mobility grants);

7 - sWORMS (2017-2021) e sWORM2 (dal 2022), Core participant per Paesi Bassi e Sud Africa;

8 - Membro del network finanziato dalla National Science Foundation GloWORMS (dal 2021);

9 - Membro del network gestito dal Natural History Museum of London PREDICTS (dal 2016);

10 - Membro del network “SoilTemp: towards a global database of soil temperatures” (ammesso al finanziamento sulla base di bandi competitivi, Research Foundation Flanders grants nrs. 12P1819N and G018919N), Focal Point Namibia dal 24.1.2021;

11 - “SOB4ES”, Work Package Leader, totale fondi 8,419,509 € (proprio WP 300 mesi uomo dal 2023 al 2028) e capofila UNICT;

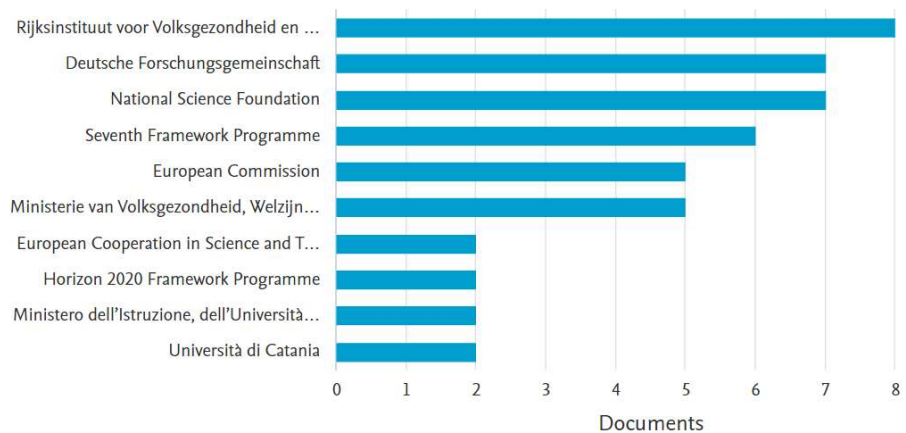
Gestione nazionale

12- Responsabile di unità di ricerca (U.R.) del progetto di ricerca nazionale “DUST” (ammesso al finanziamento sulla base di bandi competitivi nei Paesi Bassi) dal 14.03.2022;
 13- Capofila UNICT per l’afforestazione di Reggio Calabria nell’ambito del PNRR M2C4 Inv. 3.1 “Tutela e valorizzazione del verde urbano ed extraurbano” del Ministero della Transizione Ecologica (finanziato sulla base di bandi competitivi nazionali).

Fondi acquisiti da (dati SCOPUS):

Documents by funding sponsor

Compare the document counts for up to 15 funding sponsors.



Incarichi internazionali di prestigio

Dal 2020 componente del consiglio direttivo della Deutsche Forschungsgemeinschaft (DFG) in qualità di Esperto per il German Priority Programme on “Systems Ecology of Soils – Energy Discharge Modulated by Microbiome and Boundary Conditions (SoilSystems)”

Membro designato “UN-IPBES” in qualità di Rappresentante Scientifico alle Nazioni Unite come Delegato del Regno dei Paesi Bassi dal 01.01.2015 al 31.12.2017

Affiliazioni a società

Membro della New York Academy of Sciences / Membro della Società Italiana di Ecologia / Membro della Global Soil Partnership | Food and Agriculture Organization of the United Nations

Direzione o partecipazione a comitati editoriali di riviste

Dal 2021 al 2024 Associate Editor della rivista *Ecological Indicators* (Q1, Elsevier, IF 6.26)

2012-2017 Associate Editor-in-Chief di *Ecological Processes* (Q1, Springer, IF 4.39)

Partecipazione al collegio dei docenti ovvero attribuzione di incarichi di insegnamento, nell’ambito di dottorati di ricerca all’estero (Paesi Bassi)

Componente degli organi d’Ateneo di Nijmegen, Wageningen ed UNICT. Ovvero:

Come Task Leader ERGO-NEMA al Collegio dei Docenti della Scuola di Specializzazione dell’Università di Wageningen (Paesi Bassi) dal 12-02-2008 al 25-02-2013 (Scuola di Specializzazione Production Ecology and Resource Conservation)

Come Task Leader ReCIERA al Collegio dei Docenti della Scuola di Specializzazione

'Modelli ecologici' dell'Università di Nijmegen (Paesi Bassi) dal 01-01-2009 al 31-12-2012 (Dipartimento di Scienze ambientali)

Partecipazione al collegio dei docenti ovvero attribuzione di incarichi di insegnamento, nell'ambito di dottorati di ricerca accreditati dal Ministero

- **In passato, membro del Collegio del Dottorato in SISTEMI COMPLESSI PER LE SCIENZE FISICHE, SOCIO-ECONOMICHE E DELLA VITA, UNICT (2019 e 2020)**
- **Dal 2021 membro del Collegio del Dottorato in SCIENZE DELLA TERRA E DELL'AMBIENTE, UNICT [Accreditato VQR-ANVUR]**

Nel 2019 Delegato del Direttore del Dipartimento all'Internazionalizzazione; Delegato del Direttore del Dipartimento alla Ricerca per il quadriennio 2019-2023;

Incarichi nazionali di prestigio

Delegato del Rettore all'Ecologia ed all'Emergenza Climatica dal 3.9.2021; Come afferente alla Cabina di Regia "Sostenibilità" di UNICT, ha contribuito alla stesura del **Piano Strategico di Ateneo 2022-2026** attribuendo i Sustainable Development Goals (SDGs) di pertinenza ai singoli obiettivi del Piano Strategico; **Referente UNICT** dal 2021 per i cambiamenti climatici alla RUS (Rete delle Università per lo Sviluppo Sostenibile), Sottogruppo 7 - Sostenibilità del Ciclo H₂O & cambiamenti climatici.

Specifiche esperienze professionali caratterizzate da attività di ricerca

Studio sinecologico in ambienti estremi quali il Kalahari (investigazione di fitoliti associabili alle strategie fotosintetiche delle Poaceae della Namibia e del Botswana) e nel bacino del Mediterraneo (l'investigazione palinologica ed archeobotanica di Chenopodiaceae ed Amaranthaceae). Lavoro sul campo nel Delta dell'Okavango durante il 1997-1998 e nel 1999 con stazionamento allo Harry Oppenheimer Okavango Research Centre, Maun (Botswana), dal 01-07-1997 al 28-02-1999

Supervisore scientifico per le comunità edafiche e principale investigatore del monitoraggio della biodiversità nell'ambito del programma a lungo termine del National Institute for Public Health and the Environment, Utrecht Science Park (RIVM). Nei Paesi Bassi le misurazioni biologiche del suolo sono intraprese in un programma di monitoraggio nazionale di 500 località in un design stratificato comprendente combinazioni di ecosistemi e di suolo e la gestione del lavoro sul campo e in laboratorio, oltre alla supervisione delle analisi ricadono negli incarichi derivati da 15 anni di misurazioni. Questo periodo di tempo si protrasse dal 15-08-2000 al 31-12-2014 ed a tutt'oggi networks internazionali chiedono collaborazioni

Leadership accademica

Inviti

Aberdeen, Aix-en-Provence, Ann Arbor, Barcelona, Beijing, Bremen, Brisbane, Cambridge, Charles Darwin House (London), Coimbra, Columbia University (New York), TU Delft, Dijon (INRAe), Durban, Frankfurt, Gaborone, Gent, Giessen, Göttingen, Innsbruck, Jena, Köln, Leipzig (iDiv), Lisbon, Moulis (CNRS), National Herbarium of Pretoria, Paris (INRA), Rockefeller University (New York), Siena, Sydney, Vienna, Vigo, Witwatersrand (Johannesburg)

Competenze digitali

AUTOVALUTAZIONE				
Elaborazione delle informazioni	Comunicazione	Creazione di Contenuti	Sicurezza	Risoluzione di problemi
AVANZATO	AVANZATO	AVANZATO	AVANZATO	AVANZATO

Conoscenza approfondita dei seguenti software specialistici
 SAS 9.2, XLSTAT, NETWORK 3D, SYN-TAX 6.0, PC-ORD 4, SPSS 19, TABORD, TWINSPAN, UPPCLUS, NMS, SYSTAT 9, SigmaPlot 9.0, Stella 5.1.1, NetLogo, GraphPad-4, GAUSS, Pajek, DiagTabl, CANOCO, DECORANA, TILIA 2, CONISS, GIS

Conoscenza approfondita dei seguenti software di uso comune
 PHOTOPAINT, WORD, PowerPoint, Access, Excel, ARUBA, GRAPHER 2.0, SURFER 7, NotePad, WordPerfect, CorelDRAW, SAP, LOTUS, ADOBE, Foxit, Explorer, Explorer Edge, Mozilla, Google, Google Chrome, Opera, Teams, Zoom, Loop, Duo, Skype

Trasferimento tecnologico

Coordinazione e sviluppo di un nuovo software 3D per lo studio delle reti trofiche **BEFANA** su Phytom (Cornell University, Stati Uniti, in: *Ecological Modelling* 2022)

Supervisione e promozione di un nuovo tool per la misura del decomposition rate **DECOTAB**® in: *Freshwater Science* 2012 (<https://ibed.uva.nl/content/research-departments/fame/applications/decotab/protocol/protocol.html>)

LETTERATURA SCIENTIFICA

COVER ISSUES



Pubblicazioni degli ultimi 30 anni in ordine cronologico crescente con rispettivi quartili SCIMAGO [Q1, Q2, Q3 e Q4] e relativi Sustainable Development Goals [SDG ONU]

1. **MULDER, C.**, 1997. Actuopalynology and Mediterranean vegetation patterns along the littoral of southern Latium (Italy). – *Mededelingen Nederlands Instituut voor Toegepaste Geowetenschappen TNO* 58: 285–292.
Q2 [SDG15]
2. **MULDER, C.**, JANSSEN, C.R., 1998. Application of Chernobyl Caesium-137 fallout and naturally occurring Lead-210 for standardization of time in moss samples: recent pollen-flora relationships in the Allgäuer Alpen, Germany. – *Review of Palaeobotany and Palynology* 103: 23–40, Elsevier, Amsterdam.
Q2 [SDG15]
3. **MULDER, C.**, JANSSEN, C.R., 1999. Occurrence of pollen and spores in relation to present-day vegetation in a Dutch heathland area. – *Journal of Vegetation Science* 10: 87–100, Opulus Press, Uppsala.
Q1 [SDG15]
4. **MULDER, C.**, 1999. Biogeographic re-appraisal of the Chenopodiaceae of Mediterranean drylands: A quantitative outline of their general ecological significance in the Holocene. – *Palaeoecology of Africa* 26: 161–188, Balkema, Rotterdam.
[SDG13+15]
5. **MULDER, C.**, ELLIS, R.P., 2000. Ecological significance of South-West African grass leaf phytoliths: A climatic response of vegetation biomes to modern aridification trends. – In: S.W.L. Jacobs & J. Everett (eds.) *Grasses - Systematics and Evolution*. Proceedings 2nd International Conference on the Comparative Biology of the Monocotyledons, Sydney 2: pp. 246–256, CSIRO, Melbourne **[SOLICITED PAPER]**.
[SDG13]
6. **MULDER, C.**, SAKORAFI, V., BURRAGATO, F., VISSCHER, H., 2000. Ecohydrological perspective of phytogenic organic and inorganic components in Greek lignites: A quantitative reinterpretation. – *Earth and Planetary Science Letters* 179: 167–181, Elsevier, Amsterdam.
Q1 [SDG13]
7. **MULDER, C.**, 2001. Quantitative correlations between mycoflora and landscape ecological parameters from a contemporary wet heathland in the Netherlands. – In: D.K. Goodman & R.T. Clarke (eds.) *Proceedings of the IX International Palynological Congress (Houston)*: pp. 549–555. American Association of Stratigraphic Palynologists **[SDG15]**.
8. **MULDER, C.**, 2003. The Northwest European Pollen Flora: Aizoaceae. – *Review of Palaeobotany and Palynology* 123: 41–45.
Q1 [SDG15]
9. **MULDER, C.**, 2003. Order Centrospermae: Aizoaceae. – In: W. Punt, S. Blackmore, P.P. Hoen & P.J. Stafford (eds.) *The Northwest European Pollen Flora, VIII* (61). Elsevier.
[SDG15]
10. **MULDER, C.**, 2003. The Northwest European Pollen Flora: Aristolochiaceae. – *Review of Palaeobotany and Palynology* 123: 47–55.
Q1 [SDG15]
11. **MULDER, C.**, 2003. Order Piperales : Aristolochiaceae. – In: W. Punt, S. Blackmore, P.P. Hoen & P.J. Stafford (eds.) *The Northwest European Pollen Flora, VIII* (62). Elsevier.
[SDG15]
12. **MULDER, C.**, BREURE, A.M., 2003 Plant biodiversity and environmental stress. – *Trace Metals and other Contaminants in the Environment* 9: 501–525.
Q2 [SDG15]
13. **MULDER, C.**, BREURE, A.M., JOOSTEN, J.H.J., 2003. Fungal functional diversity inferred along Ellenberg's abiotic gradients: Palynological evidence from different soil microbiota. – *Grana* 42: 55–64 (doi: 10.1080/00173130310008599).
Q3 [SDG15]
14. **MULDER, C.**, DE ZWART, D., 2003. Assessing fungal species sensitivity to

- environmental gradients by the Ellenberg indicator values of above-ground vegetation. – *Basic and Applied Ecology* 4: 557–568.
- Q2 [SDG15]**
15. **MULDER, C.**, DE ZWART, D., VAN WIJNEN, H.J., SCHOUTEN, A.J., BREURE, A.M., 2003. Observational and simulated evidence of ecological shifts within the soil nematode community of agroecosystems under conventional and organic farming. – *Functional Ecology* 17: 516–525.

Q1 [SDG12+15]

 16. SCHOUTEN, T., BREURE, A.M., **MULDER, C.**, RUTGERS, M., 2004. Nematode diversity in Dutch soils, from Rio to a Biological Indicator for Soil Quality. – *Nematology Monographs and Perspectives* 2: 469–482.

Q1 [SDG15]

 17. **MULDER, C.**, COHEN, J.E., SETÄLÄ, H., BLOEM, J., BREURE, A.M., 2005. Bacterial traits, organism mass, and numerical abundance in the detrital soil food web of Dutch agricultural grasslands. – *Ecology Letters* 8: 80–90 (doi: 10.1046/j1461-0248.2005.00704.x) **[COVER ISSUE]**.

Q1 [SDG15]

 18. **MULDER, C.**, ALDENBERG, T., DE ZWART, D., VAN WIJNEN, H.J., BREURE, A.M., 2005. Evaluating the impact of pollution on plant-Lepidoptera relationships. – *Environmetrics* 16: 357–373.

Q3 [SDG15]

 19. **MULDER, C.**, COHEN, J.E., 2005. Response to Reuman. – *Ecology Letters* 8: 575–577 (doi: 10.1111/j.1461-0248.2005.00770.x).

Q1 [SDG15]

 20. **MULDER, C.**, DIJKSTRA, J.B., SETÄLÄ, H., 2005. Nonparasitic Nematoda provide evidence for a linear response of functionally important soil biota to increasing livestock density. – *Naturwissenschaften* 92: 314–318 (doi: 10.1007/s00114-005-0634).

Q2 [SDG15]

 21. **MULDER, C.**, VAN WEZEL, A.P., VAN WIJNEN, H.J., 2005. Embedding soil quality in the planning and management of land use. – *International Journal of Biodiversity Science, Ecosystem Services & Management* 1: 77–84 (ISSN: 1745-1590).

Q4 [SDG12]

 22. **MULDER, C.**, VAN WIJNEN, H.J., VAN WEZEL, A.P., 2005. Numerical abundance and biodiversity of below-ground taxocenes along a pH gradient across the Netherlands. – *Journal of Biogeography* 32: 1775–1790 (doi: 10.1111/j.1365-2699.2005.01321.x).

Q1 [SDG15]

 23. BECK, L., RÖMBKE, J., BREURE, A.M., **MULDER, C.**, 2005. Considerations for the use of soil ecological classification and assessment concepts in soil protection. – *Ecotoxicology and Environmental Safety (Environmental Research Section B)* 62: 189–200 (doi: 10.1016/j.ecoenv.2005.03.024).

Q1 [SDG15]

 24. BREURE, A.M., **MULDER, C.**, RÖMBKE, J., RUF, A., 2005. Ecological classification and assessment concepts in soil protection. – *Ecotoxicology and Environmental Safety (Environmental Research Section B)* 62: 211–229 (doi: 10.1016/j.ecoenv.2005.03.025).

Q1 [SDG15]

 25. **MULDER, C.**, SCHOUTEN, A.J., HUND-RINKE, K., BREURE, A.M., 2005. The use of nematodes in ecological soil classification and assessment concepts. – *Ecotoxicology and Environmental Safety (Environmental Research Section B)* 62: 278–289 (doi: 10.1016/j.ecoenv.2005.03.028).

Q1 [SDG15]

 26. RÖMBKE, J., BREURE, A.M., **MULDER, C.**, RUTGERS, M., 2005. Legislation and ecological quality assessment of soil. Implementation of ecological indication systems in Europe. – *Ecotoxicology and Environmental Safety (Environmental Research Section B)* 62: 201–210 (doi: 10.1016/j.ecoenv.2005.03.023).

Q1 [SDG15]

 27. BROSE, U., PAVAO-ZUCKERMAN, M., EKLÖF, A., BENGTTSSON, J., BERG, M., COUSINS, S.H., **MULDER, C.**, VERHOEF, H.A., WOLTERS, V., 2005. Spatial aspects of food webs. – In: P.C. De Ruiter, V. Wolters & J.C. Moore (eds.) *Dynamic Food Webs: Multispecies Assemblages, Ecosystem Development, and Environmental Change*.












Academic Press: San Diego, pp. 463–469.

[SDG15]

28. **MULDER, C.**, BREURE, A.M., 2006. Impact of heavy metal pollution on plants and leaf-miners. – *Environmental Chemistry Letters* 4: 83–86 (doi: 10.1007/s10311-006-0038-1). **Q4 [SDG15]**
29. **MULDER, C.**, 2006. Driving forces from soil invertebrates to ecosystem functioning: the allometric perspective. – *Naturwissenschaften* 93: 467–479 (doi: 10.1007/s00114-006-0130-1) **[COVER ISSUE]**. **Q2 [SDG15]**
30. **MULDER, C.**, DEN HOLLANDER, H., SCHOUTEN, T., RUTGERS, M., 2006. Allometry, biocomplexity, and web topology of hundred agro-environments in The Netherlands. – *Ecological Complexity* 3: 219–230 (doi: 10.1016/j.ecocom.2006.05.004). **Q2 [SDG15]**
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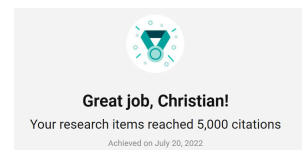
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Riconoscimenti



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(Top-200, H-Index: 43, Citazioni: 5798 come da classifica del 25 settembre 2022)

Tweede Kamer Lezing 2017: *Indicatoren voor een gezonde bodem als eindpunt voor integrale modellering* (Presentazione alla Camera dei Deputati del Regno dei Paesi Bassi)

Advisor for the institutions: EU (CORDIS and COST), Dutch NWO (ALW and WOTRO), Flemish FWO, Austrian & German DFG, UNO (UNEP and IPBES), WCRP (CLIVAR), American National Science Foundation (NSF), British DEFRA, New Zealand Science Investment, Estonian Research Council, Israel Science Foundation, CARIPO Foundation, Fondi di Ateneo UNICT, PNRR

Reviewer for the journals: *Acta Agriculturae Scandinavica, Acta Oecologica, Advances in Ecological Research, Agricultural and Forest Meteorology, Agriculture Ecosystems and Environment, Annali di Botanica, Annals of Botany, AoB Plants, Applied Clay Science, Applied Soil Ecology, Applied Vegetation Science, Arid Land Research and Management, Arctic, Antarctic and Alpine Research, Basic and Applied Ecology, Biodiversity and Conservation, Biogeosciences, Biological Reviews, Biology and Fertility of Soils, Catena, Chemoecology, Chemosphere, Ecological Applications, Ecological Complexity, Ecological Engineering, Ecological Indicators, Ecological Modelling, Ecological Monographs, Ecology, Ecology and Evolution, Ecology Letters, Ecosphere, Ecotoxicology and Environmental Safety, Environmental Science and Pollution Research, Environmental Toxicology and Chemistry, European Journal of Soil Biology, FEMS Microbiology Ecology, Flora, Folia Geobotanica & Phytotaxonomica, Forest Ecology and Management, Functional Ecology, Geochimica et Cosmochimica Acta, Geoderma, Global Change and Biodiversity, Global Change Biology, Global Ecology and Biogeography, Grana, Journal of Animal Ecology, Journal of Applied Ecology, Journal of Avian Biology, Journal of Biogeography, Journal of Ecology, Journal of Environmental Management, Journal of Evolutionary Biology, Journal of Geophysical Research, Journal of Pest Science, Journal of Plant Ecology, Journal of Plant Nutrition and Soil Science, Journal of Plant Physiology, Journal of Vegetation Science, Lindbergia, Marine Ecology, Methods in Ecology and Evolution, Microbial Ecology, Mires and Peat, Molecular Ecology, Molecular Ecology Resources, Nature, Nature Communications, Nematology, New Phytologist, Oecologia, Oikos, Open Ecology Journal, Organic Geochemistry, Palaeogeography Palaeoclimatology and Palaeoecology, Palaeoecology of Africa, Paleocyanography, Palynology, Pedobiologia, Philosophical Transactions of the Royal Society, Plant and Soil, Plant Biosystems, Plant Ecology, PLOS Biology, PLOS ONE, Proceedings of the Royal Society, Protoplasma, Remote Sensing of Environment, Rendiconti dei Lincei, Restoration Ecology, Review of Palaeobotany & Palynology, Science, Science of the Total Environment, Scientific Reports, Soil Biology & Biochemistry, Theoretical Ecology, Trends in Ecology & Evolution, Vegetatio*



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