

**Marco MADELLA****Curriculum Vitae**

Date of birth: 27th April 1964  
 E-mail: marco.madella@upf.edu

Nationality: Italian  
 Residence: Catalonia, Spain

**Present positions**

- Since 2014 ICREA Research Professor in Environmental Archaeology, Universitat Pompeu Fabra, Department of Humanities, Barcelona (Spain)
- Since 2022 Director, UPF Centre for Digital Humanities
- Since 2010 Coordinator, CASEs Research Group (Culture, Archaeology and Socio-Ecological Dynamics) - Catalan Govt. Quality Research Group
- Since 2020 Honorary Professor, School of Geography, Archaeology and Environmental Studies, The University of the Witwatersrand, Johannesburg (South Africa)
- Since 2020 Honorary Professor, Center for Archaeology, Heritage & Museum Studies, Shiv Nadar University (India)

**Education**

- 2000 PhD in Archaeological Sciences, University of Cambridge (Darwin College). Dissertation: *Morphological Analysis of Phytoliths: A Botanical Tool for the Interpretation of Archaeological and Geological Sediments from Eurasia*
- 1989 *Laurea cum laude* in Natural Sciences (Botany), University of Milan

**Past positions**

- 2006 – 13 ICREA Research Professor, Institució Milà y Fontanals – Spanish National Research Council (CSIC), Barcelona (Spain)
- 2004 – 06 Director of Studies (Archaeology and Anthropology), St Edmund's College, University of Cambridge (UK)
- 2004 – 05 Affiliated Lecturer, Department of Archaeology, University of Cambridge (UK)

**Other academic positions**

- Feb-July 2024 Visiting Professor, Department of Archaeology and Art History, Seoul National University
- 2018-19 Honorary Research Fellow, School of Geography, Archaeology and Environmental Studies, The University of the Witwatersrand, Johannesburg (South Africa)
- 2013 – 16 Visiting Scientist, Departamento de Ciência do Solo, Escola Superior de Agricultura "Luiz de Queiroz", Universidade de São Paulo
- Jun-Oct 2010 Visiting Professor (invited), Program in Eco-History, Research Institute for Humanity and Nature, Kyoto (Japan)
- Jul-Dec 2008 Visiting Professor, Department of Archaeology, University of Sheffield (UK) (Transfer of Technology Marie Curie Action, EU)

## Awards

- 1998 Robert Kiln Trust Award (UK)  
 1997 Accademia Nazionale dei Lincei Award (Italy)  
 1996 Research Award in Social Sciences and Humanities, University of Cambridge (UK)  
 1996 Academic Study Group (UK)  
 1995 The British Academy Scholarship (fees only; UK)  
 1993-94 University of Milan Graduate Scholarship to Study Abroad (Italy)

## Languages

Italian (mother tongue), English (fluent), Spanish (fluent), Catalan (mid-level), French (mid-level), Portuguese (reading)

## Research grants and contracts as PI/Coordinator/Scientist in charge

- 2024-2027 *Agri-Dry*, International Training Network of the Marie Skłodowska Curie Actions, European Union, € 2.530.972 (Co-coordinator with N Whitehouse)  
 2024 Grant for research stays abroad (program Salvador de Madariaga) of the Spanish Ministry for Science, Innovation and Universities, € 17.660  
 2023-2024 PALARQ Foundation. *ModAgrO - Modeling the Agricultural Origins and Urbanism in South Asia* (excavations grant), € 8.000  
 2023-2025 MAPHSA - *Mapping the Archaeological Pre-Columbian Heritage of South America*, Arcadia Fund, € 1.908.000  
 2023-2026 ModAgrO - Modeling the Agricultural Origins and Urbanism in South Asia. Ministry for Science and Innovation, Spain (Research & Development Program grant I+D ), € 121.000 + fully funded PhD scholarship (Co-PI with C Lancelotti)  
 2022-24 AGAUR (Catalan Research Agency) Grups de Recerca Reconeputs i Finançats per la Generalitat de Catalunya (Quality Research Group). CASEs Culture, Archaeology and Socio-Ecological Dynamics, € 60.000  
 2022-2023 PALARQ Foundation. *ModAgrO - Modeling the Agricultural Origins and Urbanism in South Asia* (excavations grant), € 10.000  
 2020-2021 PALARQ Foundation. *ModAgrO - Modeling the Agricultural Origins and Urbanism in South Asia* (excavations grant), € 10.000  
 2020 INQUA International Focus Group. *Holocene Global Landuse (HoLa)*. € 8000  
 2019-22 *Moving MarketPlaces (MMP): Following the Everyday Production of Inclusive Public Spaces*. HERA Programme - Public Spaces: Culture and Integration in Europe. To home institution € 99.566 (total budget € 277.000)  
 2019-21 EU Marie Curie Actions – Scientist in charge. Two-years post-doc contract: *Examining Pan-Neotropical Diasporas (EXPAND)*, € 158.121. PI Scientist: JG de Souza  
 2018-20 EU Marie Curie Actions – Scientist in charge. Two-years post-doc contract: *Dung as Construction Material During the Emergence of Animal Domestication: A Multi-Proxy Approach (MapDung)*, € 158.121. PI Scientist: S Gur-Arieh  
 2018-19 PALARQ Foundation. *ModAgrO - Modeling the Agricultural Origins and Urbanism in South Asia* (excavations grant), € 10.000  
 2017-20 AGAUR (Catalan Research Agency) Grups de Recerca Reconeputs i Finançats per la Generalitat de Catalunya (Quality Research Group). CaSEs Culture and Socio-Ecological Dynamics, € 28.733

- 2018 INQUA International Focus Group. *Holocene Global Landuse (HoLa)*. € 8000
- 2016-18 EU Marie Curie Actions – Scientist in charge. Two-years post-doc contract: *The Early Peopling of Amazonia and the Beginning of Plant Domestication (EppAm)*, € 166.336. PI Scientist: U Lombardo
- 2017 INQUA International Focus Group. *Holocene Global Landuse (HoLa)*. € 5000
- 2017 PAGES funding for LandCover6K: *European land-use at 6000 BP*, May 22-23 2018, Barcelona. Whitehouse, N.J. (PI), Antolin, F. (Co-I), Madella, M. (Co-I). € 7000
- 2015-17 BBVA Foundation – *Inaccessible and endangered archaeological landscapes: Earth Observation and 3D technologies for the protection and preservation of cultural heritage (PaisArque)*, € 59.282
- 2014-16 EU Marie Curie Actions – Scientist in charge. Two-years post-doc contract: *Modelling Pastoral Adaptation in Arid Lands: An Ethnoarchaeological Approach (PastoralMod)*, € 230.036. PI Scientist: S Biagetti
- 2014-16 EU Marie Curie Actions – Scientist in charge. Two-years post-doc contract: *Niche Construction and Subsistence Shifts: Modelling Coevolutionary Dynamics Between Hunter-Gatherers and Vegetation Communities (NiCoSS)*, € 166.336. PI Scientist: E Crema
- 2014-16 AGAUR (Catalan Research Agency) Grups de Recerca Reconeguts i Finançats per la Generalitat de Catalunya (Quality Research Group). CaSEs Complexity and Socio-Ecological Dynamics, € 25.000
- 2014 European Science Foundation, Humanities strategic workshop: *Borders Through Time and Space: Towards an Ontology*, € 5000
- 2013-16 CAPES – Brazil Government: *Identification and Discrimination of Forest/Savannah Ecosystems of Brazil on the Basis of Phytolith Assemblages and Indexes to Understand Past Vegetation and Soil Genesis (co-PI with P Vidal-Terrado Univ. Sao Paulo)*, € 130.152
- 2013-15 EU Marie Curie Actions – Scientist in charge. Two-years post-doc contract: *Studying Micro-Scale Socio-Ecological Development in Marginal Zones: An Integrated Methodology (MiSSed)*, € 166.336. PI Scientist: S Markofsky
- 2013 Spanish Ministry of Research and Innovation (Subprograma estatal de infraestructuras científicas y técnicas y equipamiento - UNPF13-4E-2541): Funds for a new laboratory of archaeobotany at UPF, € 37.763
- 2012 Spanish Ministry of Culture – Excavations Abroad (North Gujarat Archaeological Project - NoGAP) € 10.000
- 2012-15 Juan de la Cierva – Scientist in charge. Three-years post-doc contract: *Modelling and Simulation of Socio-ecological Networks: The Contribution of Geoarchaeology*, € 78.000. Scientist: A Balbo
- 2012 JAE-intro - Scientist in charge. Undergrad training fellowship at IMF-CSIC on techniques of digital topography, € 3000
- 2011 Spanish Ministry of Culture – Excavations Abroad (North Gujarat Archaeological Project - NoGAP) € 16.000
- 2011-13 EU Marie Curie Actions – Scientist in charge. Two-years post-doc contract: *Methodological Development of Phytolith Analysis for Studying Non-dietary Crop Products in Prehistoric Agricultural Societies (PhytoRes)*, € 166.336. PI Scientist: W Out
- 2011-13 Spanish Ministry of Research and Innovation: *Poblamiento, Recursos y Medioambiente en Zonas Aridas: El Norte del Gujarat Como Caso de Estudio*. 3-years R&D project (HAR2010-16052), € 61.000
- 2010 Spanish Ministry of Culture – Excavations Abroad (North Gujarat Archaeological Project - NoGAP) € 17.000

- 2010-17 Spanish Ministry of Research and Innovation: *Social and environmental transitions: Simulating the past to understand human behaviour - SimulPast* (Ingenio-CONSOLIDER CSD2010-00034), € 2.700.000
- 2009 Spanish National Research Council (CSIC) – research collaboration grant with India, € 5000
- 2009 Spanish Ministry of Culture – Excavations Abroad (North Gujarat Archaeological Project - NoGAP) € 14.000
- 2009-10 Spanish Ministry of Education; Contract for Young Non-Spanish Researchers. 2-year contract on archaeological GIS and modeling, € 40.000
- 2008 AGAUR Batista i Roca Programme. Project on UK-Catalunya Cooperative Research, subject: geoarchaeology and archaeobotany (2008 PBR 00064), € 5000
- 2007-09 JAE-Doc 3-year contract for a post-doc at IMF-CSIC to develop micromorphology research, € 78.000
- 2005 University of Cambridge- The McDonald Institute for Archaeological Research: *Oxygen Isotopes in Phytoliths – The Next Step* (with T O’Connell), € 7500
- 2005 The British Academy small research grants: *The Herders’ Monuments: Neolithic Ashmounds of Southern India*, € 10.000
- 2004 University of Cambridge- The McDonald Institute for Archaeological Research: *Ethnoarchaeology at Harappa, Pakistan*, € 9000
- 2003 The British Academy small research grants: *The Herders’ Monuments: Neolithic Ashmounds of Southern India*, € 9000
- 2003 National Environmental Research Council (UK) / NIGFSC: *Oxygen Isotopes in Phytoliths* (with MK Jones and M Leng), € 15.000
- 2002-03 McDonald Institute and British Academy: *Archaeological Project Santa Clara – Mar Chiquita* (Argentina), € 12.000
- 2002 The British Academy conference fund, € 1700

#### Research grants and contracts as funded collaborator (Co-I)

- 2024-2029 *ROOTS – The historical roots of global inequality* (PI L Pascali), ERC Consolidator Grant, € 748.000, to MM (CoI) € 248.000
- 2023-28 *CAMP – (Re)Constructing the Archaeology of Mobile Pastoralism* (PI S Biagetti), ERC Consolidator Grant, € 1.980.000, to MM € 29.200
- 2022-24 *Finding Suitable Grounds – Adoption of crop cultivation in the lowlands of the Netherlands* (PI H Huisman), Dutch Research Council, € 390.000, to MM € 12.000
- 2021-24 *MASHA - Mapping the Archaeological Heritage of South Asia* (PI C Petrie), Arcadia Fund, € 2.900.000, to MM € 110.000
- 2018-22 *RAINDROPS - Resilience and Adaptation in Drylands. Identifying Past Water Management Practices for Drought-Resistant Crops* (PI C Lancelotti), ERC Starting Grant, € 1.498.000, to MM € 22.572 + PhD scholarship € 85.472
- 2014-17 *Çatalhöyük Research Project*, Stanford University (PI Ian Hodder), M Madella Team Leader for Archaeobotany, to home institution € 14.000
- 2014-17 *AESOP+ - A European and South African Partnership on Heritage and Past - Plus*, Erasmus Mundus Project EU-South Africa for student exchange – Scientist in charge at Universitat Pompeu Fabra (PI J Braga). € 2.700.000, amount to home institution € 45.000
- 2013-16 *AESOP - A European and South African Partnership on Heritage and Past*, Erasmus Mundus Project EU-South Africa for student exchange – Scientist in charge at Universitat Pompeu Fabra (PI J Braga). To home institution € 145.107 (total grant € 2.500.000)

- 2008 *Origins and spread of agriculture in the southwestern Mediterranean region* (AGRIWESTMED – ERC, PI Leonor Pena-Chocarro). 3-year post-doctoral contract in archaeobotany, to home institution € 75.000 (total grant € 1.500.000)
- 2006-08 *Estudio de la Variabilidad en el Consumo de Recursos Litorales y Acuáticos desde una Perspectiva Arqueológica* (Excava – AGAUR, PI Asumpción Vila). Funds for excavations €36.000

### Research grants and contracts as participating researcher

- 2019-2023 *Encounter - Demography, Cultural change, and the Diffusion of Rice and Millet during the Jomon-Yayoi transition in prehistoric Japan*. ERC Starting Grant - European Union, U Cambridge. PI E Crema
- 2017-19 *CULM - Modelado del Cultivo en la Prehistoria / Modelling Plant Cultivation in Prehistory* - Spanish Ministry of Economy (CSIC - HAR2016-77672-P). PI: D Zurro
- 2015-16 *MoMarq - Modelling of Anthropic Activity Markers – from Ethnography to Archaeology* - Spanish Ministry of Economy (HAR2014-55518-P). PI: C Lancelotti

### Other grants as direct beneficiary

- 2023 Erasmus+ International Credit Mobility Grant to Shah Abdul Latif University, Archaeology Course
- 2019 Erasmus+ International Credit Mobility Grant to J Nehru University, History and Archaeology Course
- 2018 Erasmus+ International Credit Mobility Grant to J Nehru University, History and Archaeology Course

### Archaeological field projects and excavations

- Since 2018 Co-field director of *Modeling the Agricultural Origins and Urbanism in South Asia Project* (ModAgro), a collaborative project between the UPF and Shah Abdul Latif University (Pakistan)
- Since 2018 Co-coordinator, JASPAR – *The Japan, Spanish, Pakistan Archaeological Initiative* (MoU between UPF, Shah Abdul Latif University and two NGOs, one Japanese and one from Sindh)
- 2014-18 Archaeobotany Team Leader – Plant Microremains, *Çatalhöyük Research Project*. PI Ian Hodder
- 2007-14 Co-director, *North Gujarat Archaeological Project* (NoGAP) a collaborative project between the IMF-CSIC and the MS University of Baroda (India)
- 2006-07 Team member, *Evaluación de la Potencialidad del Análisis de Residuos en el Marco de una Propuesta Integral de Estudio del Material Lítico: Aplicación a un Caso Etnoarqueológico en Tierra del Fuego*, IMF-CSIC and CONICET. PI A Vila and M Alvarez
- 2005-07 Team member, *Geoarchaeological investigations of the Aksum area (Tigrāy) in the northern Ethiopian highlands (Ethiopia)*, University of Cambridge. PI F Sulas, C French
- 2003-05 Co-director, *The Herders' Monuments: Neolithic Ashmounds of Southern India*, in collaboration with Karnataka University (India)
- 1998-03 Collaboration, *Harappa Archaeological Project* (Pakistan), Harvard, Madison-Wisconsin and New York Universities. PIs R Meadow, M Kenoyer, R Wight
- 1989-93 Team member, *The Rohri Hills Italian-Pakistani Archaeological Project*

(Pakistan), Università di Venezia and Shah Abdul Latif University. PI Paolo Biagi

### Other research collaborations

- 2009-13 OCUPA Project: *Interaction between climate and human impacts on vegetation changes in the National Park of Aigues Estortes i Estany de Sant Maurici throughout the last 15,000 years*. Ministry of Environment (Spain) R+D grant.
- 2007-11 *Environmental constraints and human responses in northwest India between 2000 and 300 BC*. UK-India Education Research Initiative and Research Councils UK. PI Cameron Petrie
- 2006-09 *Neolithic Landscapes of the Upper Tagus Valley, Portugal*. British Academy. PI Chris Scarre and Luiz Osteebeek

### Publications

#### • Books

In preparation, DQ Fuller & M Madella  
*Archaeobotany – Cambridge Manuals in Archaeology*, Cambridge University Press.

#### • Edited books and Journals special issues

- 2020, J Caro, S Díaz-de la Fuente, V Ahedo, D Zurro, M Madella, JM José Manuel, ... R del Olmo  
*Terra Incognita: Libro blanco sobre transdisciplinariedad y nuevas formas de investigación en el Sistema Español de Ciencia y Tecnología*. Zenodo. <http://doi.org/10.5281/zenodo.4034177>
- 2018, MJ Gaillard, N Whitehouse, M Madella, K Morrison  
*Past Global Changes Magazine (PAGES / FuturEarth)*
- 2017, M Madella, S Markofsky, FC Conesa  
*Quaternary International (Elsevier): Socio-ecology at the small-scale: local manifestations of late Pleistocene/Holocene human and environmental dynamics*
- 2015, E Crema, J Fort, M Madella  
*Human Biology: Approaches to Modelling Demic and Cultural Diffusion*
- 2014, B Rondelli, M. Madella  
*Journal of Archaeological Method and Theory (Springer): Social Simulation*
- 2014, M Madella, M Savard, C Lancelotti  
*Contemporary Trends in Archaeobotany*. University of Arizona Press
- 2013, M Madella, G Kovac, B Berzenyi, I Briz  
*The Archaeology of Household*, Oxbow Books, 288
- 2013, M Madella, C Lancelotti, M Osterrieth  
*Quaternary International (Elsevier): Comprehensive Perspectives on Phytolith Studies in Quaternary Research*
- 2011, A Balbo, I Briz, M Alvarez, M Madella  
*Quaternary International (Elsevier): Shell Midden Research: An Interdisciplinary Agenda for the Quaternary and Social Sciences*
- 2009, RM Albert, M Madella  
*Quaternary International (Elsevier): Perspectives on Phytolith Research*
- 2009, M Madella, J Shaw, R Osborne  
*World Archaeology (Routledge): The Archaeology of Water*
- 2007, M Madella, D Zurro  
*Plants, People and Places – Recent Studies in Phytolith Analysis*, Oxbow

Monograph, Oxbow Books, Oxford

• **Chapters in edited books**

- 2023, M Lindmäe and M Madella  
 La Boqueria: 'the mirror of what Barcelona represents': An analysis of public policy and the commodification of food markets. In: Sezer, C. & R. Van Melik (Eds.) *Marketplaces: Movements, Representations and Practices*. London: Routledge, pp 63-75.
- 2022, M Madella, C Lancelotti  
 Archaeobotanical Perspectives to Understand Water Supply and Water Management in the Indus Civilization, in S Rost (ed) *Irrigation in Early States: New Directions*, Chicago Oriental Institute.
- 2022, M Madella, R Korisettar, U Rajala, A Ruiz-Giralt, C Lancelotti, O Parque  
 Surveying and Collecting Integrated Data for the Neolithic Ashmounds of Southern India, in R Korisettar (ed) *Beyond Stones and More Stones*, Mythic Society, Bangaloru, pp 96-119.
- 2021, M Franco Cassino, MP Shock, L Pereira Furquim, D Dias Ortega, M Salles Machado, M Madella, CR Clement  
 Archaeobotany of Brazilian Indigenous Peoples and Their Food Plants, in MCM Jacob & UP Albuquerque (eds) *Local Food Plants of Brazil – Ethnobiology*, Springer, doi:10.1007/978-3-030-69139-4\_8
- 2020, C French, W Fletcher, M Madella, C Ferreira, NJ Almeida, P Rosina, C Scarre  
 Palaeoenvironmental investigations around the Anta da Lajinha and the broader regional context. In Scarre C & Oosterbeek L (eds) *Megalithic Tombs in Western Iberia*. Oxbow, Oxford & Philadelphia, pp139-169.
- 2020, M Madella  
 SimulPast: Social and environmental transitions: Simulating the past to understand human behaviour – A project overview. In Caro et al (eds) *Terra Incognita: Libro blanco sobre transdisciplinariedad y nuevas formas de investigación en el Sistema Español de Ciencia y Tecnología*.  
<https://terraincognita.pressbooks.com/chapter/madella-m-icrea-cases-upf-simulpast-social-and-environmental-transitions-simulating-the-past-to-understand-human-behaviour-a-project-overview/>
- 2020, M Madella  
 Challenges and opportunities for the future arising from running an INGENIO-CONSOLIDER project. In Caro et al (eds) *Terra Incognita: Libro blanco sobre transdisciplinariedad y nuevas formas de investigación en el Sistema Español de Ciencia y Tecnología*.  
<https://terraincognita.pressbooks.com/chapter/challenges-and-opportunities-for-the-future-arising-from-running-an-ingenio-consolider-project/>
- 2019, A Mieth, HR Bork, S Khamnueva-Wendt, S Deibrodt, JWE Fassbinder, S Ostner, M Madella, S Pla-Riber, W Out  
 Prehistoric production of reddish, ferrous pigments by burning processes – A new finding on Rapa Nui (Easter Island). In B Vogt, A Külhem, A Mieth, HR Bork (eds) *Easter Island and the Pacific – Cultural and Environmental Dynamics*. Rapa Nui Press, Easter Island, pp 129-150.
- 2019, W Out & M Madella  
 Towards identification of millet crop by-products by phytolith analysis: a comparison of short cells assemblages of *Panicum miliaceum* and *Setaria italica* leaves. In Eichhorn B & Höhn A (eds) *Trees, Grasses and Crops – People and Plants in Sub-Saharan Africa and Beyond*. Verlag Rudolf Habelt, Bonn, pp.287-306.
- 2018, C Lancelotti, M Madella  
 Phytoliths and the human past: Archaeology, Ehtnoarchaeology and

- Palaeoenvironmental studies. In Lightfoot E, Liu X, Fuller DQ (eds) *Far from the Hearth – Essays in honour of Martin K Jones*. McDonald Institute Conversations, Cambridge, pp. 51-64.
- 2018, M Madella, P Ajithprasad, C Lancelotti, JJ García-Granero, F Conesa, C Gadekar, & SV Rajesh  
The North Gujarat Archeological Project (NoGAP): a multi-proxy and multi-scale study of long-term socio-ecological dynamics. In Frenez D, Jamison GJ, Law RW, Vidale M, Meadow RH (eds) *Walking with the Unicorn – Jonathan Mark Kenoyer Felicitacion Volume*. Archaeopress, Oxford, pp. 343-358.
- 2017, E Bortolini, JJ García-Granero, M Madella  
Traces of date palm in an early third millennium BC tomb in Zukayt. In: Starkey J et al. (ed.) *Proceedings of the 47th Seminar for Arabian Studies*, Archaeopress, vol. 47 pp. 25-30
- 2017, JJ Garcia-Granero, C Lancelotti, M Madella, P Ajithprasad  
Plant Processing Activities at Loteswar (North Gujarat, India): A Micro-Botanical Approach, in A Didier, B Mutin (ed) *Man and Environment in Prehistoric and Protohistoric South Asia: New Perspectives*, Brepols, pp.99-116
- 2016, P Ryan, WA Out, JJ Garcia-Granero, M Madella, D Usai  
Plant microremains from the white deposits and dental calculus from Ghaba and R12 cemeteries, in S Salvatori, D Usai, Y Leconte (ed) *Ghaba, An Early Cemetery in Central Sudan*, pp109-120
- 2016, WA Out, M Madella  
The identification of non-dietary crop products of *Eleusine coracana* ssp. *coracana*, *Pennisetum glaucum* and *Sorghum bicolor* by phytolith analysis, in U Thanheiser (ed) *News from the Past: Progress in African Archaeobotany*, Barkhuis Publishing, pp83-94
- 2014, M Madella  
Of Crops and Food: A Social Perspective on the Agricultural Tradition of the Harappan Civilization, in M Madella, M Savard, C Lancelotti (eds) *Contemporary Trends in Archaeobotany*. University of Arizona Press
- 2013, M Madella  
Plant Economy and the Use of Space; Evidence from Opal Phytoliths, in N Efstratiou, A Karetsou, M Ntinou (eds) *The Neolithic Settlement of Knossos in Crete*. INSTAP Academic Press, Philadelphia, pp119-132
- 2013, I Briz, M Madella  
The Archaeology of Household – An introduction, in M Madella, G Kovac, B Berzenyi, I Briz (eds) *The Archaeology of Household*. Oxbow Books, pp1-5
- 2013, D Zurro, C Lancelotti, M Madella  
Fitolitos, almidones y fibras, in M García-Diez and L Zapata (eds) *Métodos y Técnicas de Análisis y Estudio en Arqueología Prehistórica*. Universidad del País Vasco, pp291-306
- 2003, M Madella  
Investigating Agriculture and Environment in South Asia: Present and Future Contributions from Opal Phytoliths, in S. Weber and W. Belcher (eds) *Indus Ethnobiology: New Perspectives from the Field*. Lexington Books (Rowman & Littlefield Publishing Group), pp 199-249
- 1998, M Madella, AH Powers-Jones  
Phytoliths from Tagliente Shelter: a discussion on deposition and taphonomy, in C Arias, A Bietti, L Castelletti & C Peretto (eds.) *Proceedings of the XIII International Congress of Prehistoric and Protohistoric Sciences*, vol. 1. Abaco, pp501-508



- 1997, M Madella  
Phytolith analysis from the Indus Valley site of Kot Diji, Sind, Pakistan, in A Sinclair, E Slater & J Gowlett (eds) *Archaeological Sciences 1995*. Oxbow Monograph 64, pp292-302
- 1997, M Madella  
Phytoliths from a Central Asia Loess-Palaeosol Sequence and Modern Soils: Their Taphonomical and Palaeoecological Implications, in A. Pinilla, J. Juan-Tresserras and M.J. Machado (eds) *Primer Encuentro Europeo Sobre el Estudio de Fitólitos*. CSIC, pp49-58
- 1993, M Madella  
L'analisi dei macroresti vegetali, in Ministero Beni Culturali Ambientali (ed) *La Necropoli di Levate fra Celta e Romani*. Soprintendenza Archeologica della Lombardia – Comune di Levate, pp61-62

• **Articles in peer reviewed journals and proceedings**

- 2024, CG Santiago-Marrero, C Lancelotti & M Madella  
Integrating spatial analyses and microbotanical remains: A methodological approach for investigating plant processing activities and domestic spaces at Neolithic Çatalhöyük, *Journal of Archaeological Science*, vol. 163, 105926, <https://doi.org/10.1016/j.jas.2023.105926>
- 2023, W Qader, SH Mir, J Meister, RA Dar, M Madella & I Rashid  
Sedimentological perspective on phytolith analysis in palaeoecological reconstruction, *Earth-Science Reviews*, Vol 244, 104549
- 2023, A Varalli, F D'Agostini, M Madella, G Fiorentino & C Lancelotti  
Charring effects on stable carbon and nitrogen isotope values on C4 plants: Inferences for archaeological investigations, *Journal of Archaeological Science*, 156, 105821.
- 2023, F D'Agostini, J Ruiz-Perez, M Madella, V Vadez, J Kholova & C Lancelotti  
Phytoliths as indicators of plant water availability: The case of millets cultivation in the Indus Valley civilization, *Review of Palaeobotany and Palynology* 309, 104783
- 2023, C Gadekar, JJ Garcia-Granero, M Madella, C Lancelotti, GM Veesar, TA Abro, MA Chandio & D Zurro, Phytoliths and lithics: An alliance of convenience? Performing first comprehensive residue analysis for the artefacts of the Indus Civilisation, *Journal of Archaeological Science Reports*, vol 52, 104254
- 2023, A Ruiz-Giralt, S Biagetti, M Madella & C Lancelotti  
Small-scale farming in drylands: New models for resilient practices of millet and sorghum cultivation, *PLOS*, 18, 2, e0268120.
- 2023, C Kerfant, J Ruiz-Perez, J Garcia-Granero, C Lancelotti, M Madella, E Karoune  
A dataset for assessing phytolith data for implementation of the FAIR data principles. *Scientific Data*, 10:479
- 2022, J Gregorio de Souza, J Ruiz-Pérez, C Lancelotti, M Madella  
Environmental effects on the spread of the Neolithic crop package to South Asia. *PLoS ONE*, 17(7): e0268482.
- 2022, F D'Agostini, V Vadez, J Kholova, J Ruiz-Perez, M Madella, C Lancelotti  
Understanding the Relationship between Water Availability and Biosilica Accumulation in Selected C-4 Crop Leaves: An Experimental Approach, *Plants*, 11, 8, 1019.
- 2022, JJ Garcia-Granero, A Suryanarayan, M Cubas, O Craig, M Cardenas, P Ajithprasad, M Madella  
Integrating Lipid and Starch Grain Analyses from Pottery Vessels to

- Explore Prehistoric Foodways in Northern Gujarat, India, *Frontiers In Ecology And Evolution*, 10, 840199.
- 2022, S Biagetti, A Ruiz-Giralt, M Madella, MK Magzoub, Y Meresa, M Haile Gebreselassie, GM Veesar, T Alam Abro, A Chandio, C Lancelotti, No Rain, No Grain? Ethnoarchaeology of Sorghum and Millet Cultivation in Dryland Environments of Sudan, Pakistan, and Ethiopia. *Ethnoarchaeology*, 1-25.
- 2022, E Van Eck, S Watson, R Van Melik, M Breines, J Dahinden, G Jonsson, M Lindmaee, M Madella, J Menet, J Schapendonk  
Moving marketplaces: Understanding public space from a relational mobility perspective, *Cities*, 127, 103721
- 2022, C Gadekar, JJ Garcia-Granero, M Madella, P Ajithprasad  
Microlithic variation and the Mesolithic occupations of western India, *PLoS ONE*, e0267654
- 2022, M Breines, J Dahinden, G Jonsson, M Lindmae, M Madella, J Menet, J Schapendonk, E Van Eck, R Van Melik, S Watson, Sophie  
Re-producing public space: the changing everyday production of outdoor retail markets, *Urban Geography*, 43:6, 878-885
- 2022, F Silva, F Coward et al.  
Developing Transdisciplinary Approaches to Sustainability Challenges: The Need to Model Socio-Environmental Systems in the Long Duree, *Sustainability*, 14(16), art. no. 10234
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### Conferences/sessions, organized

- 2023 Organizer for session: *Holocene Global Landuse*, International Union for Quaternary Research Congress, Sapienza Università Roma, Italy (Sept.)
- 2022 Convener of the 25<sup>th</sup> *Conference of the European Association for South Asia Archaeology and Art*, Universitat Pompeu Fabra, Spain (July)
- 2018 Member of the Scientific Committee of the 24<sup>th</sup> *Conference of the European Association for South Asia Archaeology and Art*, University of Naples “La Orientale”, Napoli, Italy (July)
- 2018 Member of the Scientific Committee of the 24<sup>th</sup> Annual Meeting of the European Association of Archaeologists, Barcelona, Spain (September)
- 2017 *IV OIKOS – Congress of the Bioarchaeology Association of Catalunya*. 26-27 May at Universitat Pompeu Fabra, Barcelona, Spain
- 2017 Organizer for session: *From early human impacts to the Great Acceleration: A paleoscience perspective on the climate-landscape-human multiple connections*, in Past Global Changes PAGES OSM 2017, Zaragoza, Spain
- 2017 LandCover6k Workshop - Past Global Changes PAGES OSM 2017, Zaragoza, Spain
- 2017 *Co-evolutionary patterns and transition: analyzing processes of cultural change in cross-cultural and diachronic contexts* (with E. Bortolini, V. Ahedo, J. Caro & D. Zurro). IMF-CSIC Barcelona, Spain
- 2017 *Empty spaces or creative interfaces? A multi-scalar perspective on dryland archaeology* - Universitat Pompeu Fabra, Barcelona, Spain 15-17 February 2017
- 2016 *Encuentro Amazonia - SimulPast Seminar in Socio-Ecological Systems*, INQUA, PAGES LandCover6k. 7-10 June at IMF-CSIC, Barcelona, Spain. (co-organised with U Lombardo et al.)
- 2016 PAGES LandCover6k workshop on Amazon Landuse. 11-12 June at IMF-CSIC, Barcelona, Spain (co-organised with U Lombardo & K Morrison)
- 2016 *How wrong is my model? Empirical challenges in archaeology, history*

- and anthropology*. Residencia d'Investigadors, IMF-CSIC, Barcelona, Spain (with a E. Crema, X. Rubio, J. Caro and D Zurro)
- 2016 *The Archaeobotany of Food and Drink*. 17th Conference of the International Work Group for Palaeoethnobotany, Paris (France), 4–9 July 2016. (co-organised with García-Granero JJ, Primavera M.)
- 2014 European Science Foundation, Humanities strategic workshop: *Borders Through Time and Space: Towards an Ontology*. 29-31 October at Universitat Pompeu Fabra, Barcelona, Spain. (co-organised with S Chavel)
- 2014 *Small-scale societies and environmental transformations: co-evolutionary dynamics*. ICREA Conference at UPF and UAB, Barcelona (with V Reyes)
- 2014 *Tracing cultivation: Human manipulation and management of plants*. 7th April 2014 at Universitat Pompeu Fabra, Barcelona, Spain. (co-organised with JJ Garcia-Granero)
- 2011 *The Neolithic frontier: new models and data for Europe and Asia*, 25th May 2011 at Casa Asia, Barcelona, Spain. (co-organised with AL Balbo)
- 2011 *Defining conceptual models in Archaeology*, 11th Sept 2011 at IMF-CSIC, Barcelona, Spain. (co-organised with AL Balbo)
- 2006 *5th International Meeting on Phytolith Research*, ICREA, Barcelona, September 2006 (with RM Albert)
- 2006 *The Archaeology of Household*, Institució Milá i Fontanals, CSIC, Barcelona, April 2006
- 2005 Session organizer, *The Archaeology of Water in South Asia*, European Association of South Asia Archaeologist Conference, London July 2005
- 2004 Session organizer, *Climate, Plant Exploitation and Society: A Worldwide Perspective*, 69th Society for American Archaeology Meeting, Montreal (Canada) (with M. Savard)
- 2002 *4th International Meeting on Phytolith Research*, The McDonald Institute for Archaeological Research, University of Cambridge

#### **Invited and keynote talks, meetings/workshops by invitation**

- 2022 *Holocene Land Use – Complementary Approaches to Data Analysis and Data Synthesis, LandCover6k* – Korean Working Group Workshop, Seoul National University (participation by invitation)
- 2022 *Workshop – Mapping the Archaeological Heritage of South Asia*, University of Cambridge (participation by invitation)
- 2019 *Looking away from Europe: A wider perspective on millets in drylands, Millet and What Else?* Workshop – CA Universität zu Kiel (invited talk)
- 2019 *The landuse action of the LandCover6k Working Group*, Africa Land Use Workshop, University of Cambridge (participation by invitation)
- 2018 *What is the future of phytolith research? Thoughts and perspectives on the next generation of phytolith studies*, 11th International Meeting on Phytolith Research - China University of Geosciences (China) (keynote speaker)
- 2018 *Land use in Europe during the Holocene: example of LandCover6k outputs*. PAGES LandCover6ka Working Group (LC6k) and the Palaeoclimate Modelling Intercomparison Project joint Workshop (invited talk)
- 2018 *Çatalhöyük Project Final Workshop*, Scuola Superiore di Catania - Villa San Saverio, Via Valdisavoia 9, Catania (Italy) (ws by invitation)
- 2017 *Future Earth Workshop: Modeling Challenges for Sustainability*. Institute for Advanced Sustainability Studies - Potsdam (Germany), March 13-15,
- 2017 *The Neolithic Expansion in South Asia*. International Conference:

- Mohenjodaro and Indus Valley Civilization, Mohenjodaro (Pakistan), February 9-11 (invited talk)
- 2017 *El proyecto SimulPast - Consolidar, un balance final*, Ciclo Recerca Avui: Noves Perspectives en Ciències Humanes i Socials - IMF-CSIC, Barcelona · (Spain) (invited talk)
- 2017 *Social and Climate Challenges for Environmental Archaeology*. Grand Challenge Agendas in Environmental Archaeology Conference. Association for Environmental Archaeology Conference, University of Edinburgh (UK) (keynote speaker)
- 2017 *The North Gujarat Archaeological Project Settlements and Subsistence at the Indus Margin*, Department of Archaeology, University of Exeter, (UK) (invited talk)
- 2017 *La paleobotanica oggi e il suo potenziale contributo allo studio delle popolazioni preistoriche*, La Necropoli Tardo-Pleistocenica e Olocenica di Al-Khiday, Sudan Centrale (Italy) (invited talk)
- 2017 *El uso de las plantas en Çatalhöyük (Turquía): Una perspectiva microbotánica*, Ciclo de Conferencias Museo Arqueológico Nacional – La arqueología española en el exterior , Madrid (Spain) (invited talk)
- 2016 *The North Gujarat Archaeological Project – Settlements and Subsistence at the Indus Margin*. Conference: 2nd Harappa International Conference, Lahore (Pakistan), December 16-22, 2016 (invited talk)
- 2016 Future Earth Workshop: *Modeling Challenges for Sustainability*. Research Institute for Humanity and Nature, Kyoto (Japan), September 28-30
- 2016 LandUse6K Working Group, Methodology Development. LandCover6K Workshop (Netherlands) (ws by invitation)
- 2016 *Phytoliths in Archaeology: New approaches and discoveries*, 10<sup>th</sup> IMPR Aix-en-Provence (France), September 2016 (keynote speaker)
- 2016 *Holocene Land Use - A Critical Evaluation for Understanding the History of Human Land Use Dynamics*. Escola Superior de Agricultura L. de Queiroz - ESALQ, Universidade de São Paulo (Brazil) (invited talk, with MJ Gaillard, K Morrison, N Whitehouse)
- 2016 *Deep history landuse in South Asia*, in the workshop Anthropology and Global Climate Change: Local Knowledge, Cultural Adaptation and Resilience among the Indigenous Peoples. Department of Anthropology, University of Hyderabad (India)(invited talk)
- 2016 Water Management in the Indus Valley: Rain, Rivers and People" · The 12th Annual University of Chicago Oriental Institute Seminar - Irrigation in Early States, New Directions, Chicago (USA) (invited talk)
- 2015 LandCover6k, ACACIA Workshop, *Mapping Human Subsistence in West Africa (1000 BC-AD 1500)*(invited discussant)
- 2015 *Integrating Land Use and Land Cover*. Landuse Workshop at University of Chicago Center in Paris (France)(invited talk)
- 2012 *Simulating the past to understand the present: an example from North Gujarat, India*, Scuola di Specializzazione in Archeologia, Università del Salento, Lecce (Italia), April
- 2010 *People and Environment Relationships at Small Scale: The Example of North Gujarat*, Conference: The Harappan Civilization and its Environment, Research Institute for Humanity and Nature, Kyoto (Japan), August 2010
- 2009 *The social role of rice (Oryza sativa) in the Indus Valley Civilization*, Conference: Recent Advancements of Archaeobotany in Eurasia 2, Research Institute for Humanity and Nature, Kyoto (Japan), July 2009
- 2008 *Diet and Beyond: Using Phytoliths to Understand Plant Material Exploitation*, Department of Archaeology, University of Oxford (UK),

- November 2008
- 2008 Opening address: *A History of Phytolith Analysis*, 7th International Meeting on Phytolith Research, Mar del Plata (Argentina), December 2008
- 2007 *A Phytolith Perspective to Understanding Early Agriculture and Crop Processing*, Conference: Recent Advancements of Archaeobotany in Eurasia, Research Institute for Humanity and Nature, Kyoto (Japan), August 2007

**Conferences, participation - underlined when presenter**

- 2023 F D'Agostini, C Lancelotti, M Madella, et al. *Predicting water availability from phytolith assemblages of finger millet, pearl millet and sorghum*, 13<sup>th</sup> International Meeting on Phytolith Research, Dead Sea (Israel)
- 2023 D Dias, M Madella, et al. *Plant use and processing with stone tools by Early Holocene societies in central Brazil: phytoliths of Lapa do Santos rock shelter*, 13<sup>th</sup> International Meeting on Phytolith Research, Dead Sea (Israel)
- 2023 C Lancelotti, M Madella. *Combining archeology, ethnography, and modeling to understand the historical depth of millet exploitation in the Indus Valley*, European Conference for South Asian Studies, Turin (Italy)
- 2022 C Jimenez, M Madella. *Feeding early cities: Agricultural dynamics and urbanization in the Indus Valley Bronze Age*, Congress of the International Working Group for Palethnobotany, Czech Republic
- 2018 C Lancelotti, S Biagetti, M Madella. *Rainfed agriculture in drylands: a lesson from Africa's present and a proposal for past landuse reconstruction*, 15th Congress of the PanAfrican Archaeological Association for Prehistory and Related Studies, Rabat (Morocco)
- 2018 J Alcaina, C Lancelotti, M Madella. *Formation processes of an Amazonian Dark Earth: geostatistics analysis and dating of the impact of anthropic activities*, 24th European Association of Archaeologists Meeting, Barcelona (Spain)
- 2018 N Whitehouse, F Antolin, M Madella, et al. *European Landuse At 6000 BP: From On-Site Data to the Large-Scale View*, 24th Annual Meeting of the European Association of Archaeologists (Spain)
- 2018 C Lancelotti, S Biagetti, M Madella, et al. *Raindrops: Reconstructing Past Water Management Practices For Drought-Resistant Crops*, 24th Annual Meeting of the European Association of Archaeologists (Spain)
- 2018 M Madella, K Morrison, N Whitehouse, MJ Gaillard. *From Local To Global Land Use In The Holocene*, 24th Annual Meeting of the European Association of Archaeologists (Spain)
- 2018 J Ruiz, U Lombardo, M Madella et al. *Anthropogenic Forest Islands From Southwestern Amazonia: 10,000 Years of Peopling and Landscape Anthropization*, 24th Annual Meeting of the European Association of Archaeologists (Spain)
- 2018 S Biagetti, S Merlo, C Lancelotti, ..., M Madella. *Toward A Land Use Map Of The Sahara*, 24th Annual Meeting of the European Association of Archaeologists (Spain)
- 2018 D Zurro, J Alcaina, ... , M Madella. *Neither gatherers nor farmers: modeling prehistoric plant resources management*, Hunter-gatherers, farmers and the long Neolithic in Twelfth International Conference on Hunting and Gathering Societies - CHAGS 12 (Malaysia)
- 2018 M Madella, C Lancelotti, A Noguchi, M Veesar, et al. *Recent archaeological and ethnoarchaeological explorations around the Rohri Hills (Sindh, Pakistan)*, 24th Conference of the European Association for

- 2018 South Asian Archaeology and Art, Naples (Italy)  
A Ruiz, C Lancelotti, M Madella. *Ashmounds del Neolítico del Sur de la India: un análisis microarqueológico*, IV Reunió Oikos de Bioarqueologia, Universitat Pompeu Fabra, Barcelona (Spain)
- 2018 C Lancelotti, S Biagetti, M Madella. *Here comes the rain again. Rain-fed cultivation in drylands: a marginal landuse strategy?*, IV Reunió Oikos de Bioarqueologia, Universitat Pompeu Fabra, Barcelona (Spain)
- 2018 C Lancelotti, J Alcaina, M Madella, et al. *Modeling Anthropic Activity Markers: a multidisciplinary approach to the study of plant-related domestic activities*, 82nd Society for American Archaeology Annual Meeting, Vancouver (Canada)
- 2016 M Madella, C Lancelotti, P Ajithprasad, FC Conesa, JJ García-Granero, AL Balbo, CS Gadekar, SV Rajesh. *Peopling, resources and environment in arid lands: The North Gujarat archaeological Project (NoGAP)*. 23rd Conference of the European Association for South Asian Archaeology and Art, Cardiff (UK), 4–8 July
- 2016 M Madella, JJ García-Granero, et al. *Microbotanical remains from sediments and pottery of Terra Preta settlements: an approach to food-ways in the Amazonian rainforest*. 17th Conference of the International Work Group for Palaeoethnobotany, Paris (France), 4–9 July 2016
- 2016 M Madella, K Morrison, N Whitehouse, et al. *Holocene land-cover and land-use change: The PAGES LandCover6k initiative and its first achievements*, World Archaeological Congress - WAC8 Kyoto (Japan)
- 2016 M Madella et al. *The NoGAP project - a summary of seven years of research*. World Archaeological Congress - WAC8 Kyoto (Japan)
- 2016 E Crema, M Madella, et al. *A chronological reassessment of demographic change and anthropogenic forests in northern Japan between Early and Late Jomon periods*. World Archaeological Congress - WAC8 Kyoto (Japan)
- 2016 MJ Gaillard, K Morrison, M Madella, N Whiteshouse, et al. *Global land-cover and land-use change of the last 6000 years for climate modelling studies: the PAGES LandCover6k initiative and its first achievements"* · EGU - European Geosciences Union - General Assembly, Vienna (Austria)
- 2016 N Whitehouse, M Madella, K Morrison, et al. *Towards a Global History of Human Land Use over the Holocene*. 22nd European Association of Archaeology Annual Meeting (Lithuania)
- 2016 C Lancelotti, J Alcaina, ... , M Madella. *Untangling activity areas in open spaces: Ethnography at Jandhala, North Gujarat, India (part II)*. 81<sup>st</sup> Annual Meeting - Society for American Archaeology (USA)
- 2016 M Madella, JJ Garcia-Granero, J Perez, et at. *Microbotanical remains from sediments and pottery of Terra Preta do Índio settlements: an approach to food-ways in the Amazonian rainforest*. 17<sup>th</sup> IWGP Conference, National Museum of Natural History, Paris (France)
- 2015 C Tzorakis, JJ Garcia-Granero, M Madella, et al. *Houses and households at Neolithic Çatalhöyük: the contribution of microwear and microbotanical analyses of ground stone tools to the understanding of household activities*. European Association of Archaeology 21st Annual Meeting (UK)
- 2015 M Madella, S Biagetti, C Lancelotti, A Zerboni, A Noguchi. *Human Dynamics in Hot Deserts - an overview*. XIX INQUA Congress - Quaternary Perspectives on Climate Change, Natural Hazards and Civilization (Japan)
- 2015 LA Balbo, M Madella, et al. *Soil and people on the margins of the Thar Desert. Preliminary results on linkages between the genesis of interdunal*

- soils and human settlement in Holocene North Gujarat (Northwest India).* XIX INQUA Congress - Quaternary Perspectives on Climate Change, Natural Hazards and Civilization (Japan)
- 2015 MR Calegari, M Madella, P Vidal-Torrado, et al. *Fitólitos Como Subsídio Para Estudos de Reconstrução da Vegetação e Indicador de Mudanças Hidrológicas em Solos Tropicais.* Congresso Brasileiro de Ciencia do Solo (Brazil)
- 2015 C Tzorakis, JJ Garcia-Granero, M Madella, et al. *Integrating microwear and microbotanical analyses of ground stone tools: towards an understanding of household activities at Neolithic Çatalhöyük, Turkey.* Association of Archaeological Wear and Residue Analysts (AWRANA), Leiden University (Netherlands)
- 2015 C Lancelotti, J Alcaina, ... , M Madella. *Present (and Past) Human Activities: Ethnographic and Geostatistical Models from North Gujarat (India).* Society for American Archaeology Annual Conference · (United States of America)
- 2014 C Lancelotti, D Zurro, J Kramer, ... , M Madella. *Shifts in Livelihood Strategies as an Adaptive Mechanism in Small-Scale Societies: Implications for the Beginning of Agriculture.* Small-scale Societies and Environmental Transformations: Co-evolutionary Dynamics (ICREA Conference), Barcelona (Spain)
- 2014 D Zurro, M Madella, et al. *Silica skeletons at Sibudu cave (South Africa): a study on Middle Stone Age plant use.* 9th International Meeting for Phytolith Research, Museum of Natural Science, Brussels (Belgium)
- 2013 M Madella, et al. *Modeling and simulation of Holocene hunter-gatherer and agro-pastoral groups to explore the role of climate in population behaviour,* Past Global Changes - PAGES Open Science Meeting, Goa (India), Feb. 2013 (poster)

### Editorial committees (present and past)

- Since 2022 Editorial Board – Frontiers in Palethnobotany
- Since 2017 Advisory Board – Quaternary (MDPI)
- 2011-2020 Editorial Board – Quaternary International (Elsevier)
- 2018-2020 Editorial Board – Heliyon (Elsevier)
- 2011-2018 Associated Editor – Ancient Sindh (Shah Abdul Latif University, Pakistan)
- 2010-2019 Associated Editor – Archaeological and Anthropological Sciences (Springer)
- 2009-2013 Editorial Committee – Book series *Treballs d'Etnoarqueologia* (CSIC)

### Service and memberships

- Since 2022 Director, UPF Centre for Digital Humanities
- 2022-23-24 Selection Committee for EU MSCA Co-Fund post-doctoral fellowship of the EUTOPIA Network
- Since 2015 Board Member, Human and Environment Commission – International Association of Quaternary Studies INQUA
- Since 2005 Board Member (Representative for Iberian Peninsula), European Association of South Asian Archaeology and Art
- 2018-22 President, European Association of South Asian Archaeology and Art
- 2013 UPF Fellow – Selection Committee for EU-Universitat Pompeu Fabra post-doctoral fellowships
- 2011-12 Board Member, FuturICT – Shortlisted flagship project EU (Steering Committee Spanish Node). Web page: [www.futurict.es](http://www.futurict.es)

- 2013-14 Former president, Society for Phytolith Research
- 2008-12 President, Society for Phytolith Research
- 2005-14 Board Member, International Committee for Phytolith Nomenclature

Founding member, Bioarchaeology Association of Catalunya  
 Founding member, IBiS – Isotopes in Biogenic Silica (Quaternary Association sponsored research group)

### **Advisory work in grants and research selection committees (past and presents)**

EU-Marie-Slodowska Curie Actions  
 EU-ERC grants  
 EU-COST grants  
 REPRISE - Register of Expert Peer Reviewers for Italian Scientific Evaluation (Italy)  
 NERC – National Environmental Research Council (UK)  
 AGAUR - Catalan Agency for Research (Catalonia, Spain)  
 Czech Science Foundation (Czech Republic)  
 French National Science Foundation (France)  
 National Science Foundation (USA)  
 Israel Science Foundation (Israel)

### **Internal teaching (Universitat Pompeu Fabra)**

- 2023-24 Graduate Seminars on Methodology for History
- 2021-22 Anthropocene – UPF International School
- 2019-20 Themes, Theory and Methods (Master in World History)
- 2018-19 Themes, Theory and Methods (Master in World History)
- 2017-18 The Archaeology of State Formation (Master in World History)

### **External teaching**

- Mar 2020 South Asia Archaeobotany and Landscapes - Jawaharlal Nehru University, New Delhi (India) – Erasmus+ Mobility
- Mar 2019 South Asia Archaeobotany and Landscapes - Jawaharlal Nehru University, New Delhi (India) – Erasmus+ Mobility
- Dec 2018 Análise de Fitólitos e Polen Aplicada aos Estudos de Reconstrução Paleambiental: Teoria e Práticas - Escola Superior de Agricultura "Luiz de Queiroz" – Postgraduate School, University of Sao Paulo, Sao Paulo (Brasil) (invited)
- Apr 2018 South Asia Archaeobotany and Landscapes - Jawaharlal Nehru University, New Delhi (India) – Erasmus+ Mobility
- Jul 2017 Phytoliths as Palaeoenvironmental and Archaeological Proxies - Escola Superior de Agricultura "Luiz de Queiroz" – Postgraduate School, University of Sao Paulo, Sao Paulo (Brasil) (invited)
- Sep 2011 Barcelona-Baroda Summer School in Environmental Archaeology – Department of Ancient History and Archaeology, MS University of Baroda, Vadodara (India)
- Jul 2009 Biosilicifications in Soils and Archaeological Deposits. Centro de Energia Nuclear na Agricultura – Postgraduate School, University of Sao Paulo, Sao Paulo (Brasil)
- Dec 2008 The Analysis of Phytoliths in Quaternary and Archaeological Deposits. Centro de Geología de Costas y del Cuaternario – Postgraduate School, Universidad Nacional de Mar del Plata (Argentina)

**Student supervisions**

Current Supervisor (director/co-director) for 6 PhD students (M Cassino, C Jiménez, O Parque, D Ortega, M Jovanovich, P Kollouros)  
Since 2002 Successful supervision as director/co-director of 9 PhD students (C Lancelotti, F Sulas, A Carnelli, D Zurro, JJ Garcia-Granero, F Cecilia, J Ruiz, E Ximenes, C Santiago-Marrero) and 7 Master students

**PhD examiner since 2005**

Four (H Lee, J Bates, P Jones, A Suryanarayan) at University of Cambridge (UK)  
Three (E Harvey, A Weisskopf, A Cross) at University College London (UK)  
Two (R Macedo, I Horak) at Universidade de São Paulo – ESALQ (Brazil)  
Two (M Portillo, I Esteban) at Universidad de Barcelona (Spain)  
One (M Murungi) at University of the Witwatersrand (South Africa)  
One (A Matranga) at Universitat Pompeu Fabra (Spain)  
One (A Burguet) at Univesitat Rovira i Virgili (Spain)  
One (R Power) at Leiden University (Netherlands)  
One (D Travassos) at University of Exeter (UK)

**Service at UPF**

2020 Coordinator Master in Global Archaeology  
2018-20 Coordinator for developing the new Centre for Digital Humanities, Universitat Pompeu Fabra  
2018-19 Coordinator for developing the new Master in Global Archaeology at the Department of Humanities, Universitat Pompeu Fabra