


Lorenzo Castellano

New York University
Department of Anthropology
&
Institute for the Study of the Ancient World

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Curriculum Vitae
Update: September 1, 2022

Research Interests

Environmental Archaeology; Archaeobotany; Field Archaeology; Archaeological Methods and Theory; Nature-Culture; History of Agriculture; Western Asia Archaeology; World Archaeology.

Education

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| 2022 | PhD – Ancient Studies
New York University (USA), Institute for the Study of the Ancient World (Graduate School of Arts and Science). |
| 2017 | MPhil – Ancient Studies
New York University (USA), Institute for the Study of the Ancient World (Graduate School of Arts and Science). |
| 2012 | MA – Archaeology 110/110L (<i>summa cum laude</i>)
University of Milan (Italy). |
| 2008 | BA - Cultural Heritage Studies 110/110L (<i>summa cum laude</i>)
University of Milan (Italy). |

Employment

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| 2022-present | Postdoctoral Lecturer in Archaeology
New York University (USA), Department of Anthropology and Institute for the Study of the Ancient World. |
| 2013-2014 | Funded Research Fellow
Milano-Bicocca University (Italy), Department of Earth and Environmental Sciences
Project NEXTDATA – climate and vegetation of the last 3 thousand years in Northern Italy: analysis of pollen data from natural and archaeological deposits. (P.I. Valter Maggi). |

Lorenzo Castellano

2009-2013

Collaborator and Consultant

National Research Council of Italy (CNR) - Institute for the Dynamics of Environmental Processes (Milan, Italy), Research Group on Vegetation, Climate, and Human Stratigraphy. (P.I. Cesare Ravazzi).

2008-2013

Freelance Archaeologist

University of Milan (Italy); Archaeological Museum of Bergamo (Italy); Archaeological Museum of Gavardo (Italy); Società Lombarda di Archeologia s.r.l. (Italy); Archaema s.r.l (Italy).

Teaching Experience

AY 2022/2023,

AY 2021/2022,

AY 2020/2021,

AY 2019/2020

Instructor of Record - New York University, College of Arts and Sciences, Department of Anthropology.

“Introduction to Archaeobotany” (Undergraduate; 4 credits).

AY 2022/2023

Instructor of Record - New York University, Institute for the Study of the Ancient World

“An Ecological Approach to the Ancient World: Topics, Methods, and Debates in Environmental Archaeology” (Graduate Seminar; 4 credits).

AY 2017/2018

Teaching Assistant - New York University, College of Arts and Sciences-Core Curriculum.

“Scientific Traditions in Ancient Civilizations” (Undergraduate; 4 credits).

Publications

1. Thesis/Dissertations

2022 **PhD dissertation:** Farming the Land of Hatti: a Socio-Economic History of Agriculture in Central Anatolia from the Bronze Age to the Hellenistic Period. New York University (USA).

2012 **MA thesis:** Anthracological Analysis at Forcello Near Bagnolo San Vito (Mantua, North Italy): the Exploitation of Forest Resources in an Etruscan Po Plain Settlement (*in Italian*). University of Milan (Italy).

2008 **BA thesis:** Late Iron Age Graves from Esino Lario (Lecco, Italy) (*in Italian*). University of Milan (Italy).

2. Articles and Chapters (*Peer-Reviewed)

- 2022* d'Alfonso L., E. Basso, **L. Castellano**, A. Mantovan, P. Veruani (2022). Regional exchange and exclusive elite rituals in Iron Age Central Anatolia: dating, function, and circulation of the “Alişar-IV ware”. *Anatolian Studies*: 1-41.
- 2021* Marston, M. J. and **L. Castellano** (2021). Archaeobotany of Anatolia. In: S. Steadman and G. McMahon (eds), *Archaeology of Anatolia Volume IV*, Cambridge Scholar Publishing: 338-354.
- 2021* **Castellano L.** (2021). A new anthracological sequence from Niğde-Kınık Höyük (Turkey): woodland vegetation and arboriculture in southern Cappadocia from the Late Bronze Age to the Ottoman Period. *Archaeological and Anthropological Sciences*, 13(49).
- 2021* Jaffe Y.Y., **L. Castellano**, G. Shelach-Lavi, R.B. Campbell (2021). Mismatches of scale in the Application of Paleoclimatic Research to Chinese Archaeology. *Quaternary Research*, 99: 14-33.
- 2021* **Castellano L.**, R. Pini, C. Ravazzi, G. Furlanetto, F. Valoti (2021). Palynological insights to the ecology and economy of ancient bee-products: a contribution to the history of beekeeping. In: D. A. Wallace-Hare (ed), *New Approaches to the Archaeology of Beekeeping*. Archaeopress: 59-78.
- 2021* Pini R., C. Ravazzi, R. Comolli, R. Perego, **L. Castellano**, C. Croci, M. De Amicis, D. Abu El Khair, G. Furlanetto, D. Marsetti (2020). Life on a hilltop: vegetation history, plant husbandry and pastoralism at the dawn of Bergamo-Bergomum (northern Italy: 15th to 7th century BC). *Vegetation History and Archaeobotany*, 30: 525–553.
- 2020* Jung Y., R. Campbell, **L. Castellano**, C. Xianglong (2020). Subsistence and persistence: Agriculture in the Central Plains of China through the Neolithic to Bronze Age transition. *Antiquity*, 94(376): 900-915
- 2020* D'Alfonso L., B. Yolaçan, **L. Castellano**, N. Highcock, C. Casagrande, M.E. Gorrini, A. Trameri (2020). Niğde Kinik Höyük: New evidence on Central Anatolia during the first millennium BCE. *Near Eastern Archaeology*, 83(1): 16-29.
- 2020* Lanaro L., **L. Castellano**, N. Highcock, M. Mantovan, L. d'Alfonso (2020). South-Central Anatolia during the Iron Ages: a diachronic view from Kınık Höyük (Niğde). In: A. Otto, M. Herles, K. Kaniuth, L. Korn, A. Heidenreich (eds), *Proceedings of the 11th ICAANE*. Harrassowitz-Verlag: 215-228.
- 2020* Ravazzi C., R. Pini, M. De Amicis, **L. Castellano**, R. Comolli, D. Abu El Khair, G. Furlanetto, D. Marsetti, R. Perego (2020). Palaeoecological archives unraveling the early land-use history at the emergence of the Bronze Age settlement of Bergamo (Italian Alps). *Review of Palaeobotany and Palynology*, 276: 104205.

- 2020* Amicone S., E. Croce, **L. Castellano**, G. Vezzoli (2020). Building Forcello. Etruscan wattle and daub technique in the Po Plain (Bagnolo San Vito-Mantua, northern Italy). *Archaeometry*, 62(3): 521–537.
- 2019* Rapi M., T. Quirino, **L. Castellano**, M. Hirose, A. Amato, E. Barbieri, S. Busnelli (2019). To Warm, to cook and to produce. The fire structures of the Etruscan settlement of Forcello di Bagnolo S. Vito (MN): typological and functional aspects. *IpoTESI di Preistoria*, 19: 225- 250.
- 2019 d’Alfonso L., A. Trameri, A. Mantovan, N. Lovejoy, **L. Castellano**, E. Dalkiliç, R. Casagrande, N. Highcock, B. Yolaçan, M. Derada (2019). Archaeological excavations at Niğde Kınık Höyük (TR): excavation report 2018. *Kazı Sonuçları Toplantısı*, 41(3):463-485.
- 2018* **Castellano L.** (2018). Staple economies and storage in Post-Hittite Anatolia. New data from Niğde Kınık Höyük (Southern Cappadocia). *Journal of Eastern Mediterranean Archaeology and Heritage Studies*, 6(4): 259-284.
- 2018* **Castellano L.**, L. d’Alfonso, A. Payne (2018). Paleographic database for the Anatolian Hieroglyphic Script 1.0. In: P. Cotticelli-Kurras and F. Giusfredi (eds), *Formal Representation and Digital Humanities*. Cambridge Scholars Publishing: Newcastle: 1-12.
- 2018* d’Alfonso L. and **L. Castellano** (2018). Kınık Hoyük in south Cappadocia Addendum to: A Comparative Stratigraphy of Cilicia, *Altorientalische Forschungen*, 45(1): 84-93.
- 2018 D’Alfonso L., H. Ergurer, A. Trameri, K. Justement, A. Mantovan, N. Lovejoy, M. De Pietri, A. Matessi, **L. Castellano**, E. Dalkilic, R. Casagrande, E. Zamperini, V. Cinieri, M. Morandotti (2018). Archaeological Excavations at Kınık Höyük, 2017: Excavation Report. *Kazı Sonuçları Toplantısı*, 40: 569-590.
- 2018* Peresani M., C. Ravazzi, R. Pini, D. Margaritora, A. Cocilova, D. Delpiano, S. Bertola, **L. Castellano**, F. Fogliazza, G. Martino, C. Nicosia, P. Simon (2018). Human settlement and vegetation-climate relationships in the Greenland Stadial 5 at the Piovesello site on the Northern Apennine watershed. *Quaternary Research* 90(3): 503-528.
- 2018* Pini R., G. Furlanetto, **L. Castellano**, F. Saliu, A. Rizzi, A. Tramelli (2018). Effects of stepped-combustion on fresh pollen grains: morphoscopic, thermogravimetric, and chemical proxies for the interpretation of archeological charred assemblages. *Review of Palaeobotany and Palynology*, 259: 142-158.
- 2018* Peresani M., C. Ravazzi, R. Pini, D. Margaritora, A. Cocilova, D. Delpiano, S. Bertola, **L. Castellano**, G. Martino, C. Nicosia (2018). Human resilience and the climatic impact of Greenland Stadial 5 on the landscape of the Northern Apennine watershed. An assessment based on multidisciplinary data from the Piovesello Gravettian site. *Alpine and Mediterranean Quaternary*, 31: 89-92.

- 2018 Croce E., D. Veneziano, **L. Castellano** (2018). Ricerche archeologiche alle sorgenti del Brembo: breve nota sulle ricognizioni e scavi condotti in Val Camisana (Carona - BG) tra il 2009 e il 2017. *NAB Notizie Archeologiche Bergomensi*. 25: 147-161.
- 2018* **Castellano L.** and R. Perego (2018) I pozzi. Le analisi antracologiche e carpologiche. In: G. De Gattis, P. Curdy, A. M. Ferroni, F. Martinet, R. Poggiani Keller, L. Raiteri, L. Sarti, G. Zidda, F. Mezzena (eds), *Area megalitica di Saint-Martin-de-Corléans. Una visione aggiornata*. Le Château Edizioni: 233-241.
- 2018* **Castellano L.** (2018) I pali. Le analisi antracologiche, in *Area megalitica di Saint-Martin-de-Corléans. Una visione aggiornata*. In: G. De Gattis, P. Curdy, A. M. Ferroni, F. Martinet, R. Poggiani Keller, L. Raiteri, L. Sarti, G. Zidda, F. Mezzena (eds), *Area megalitica di Saint-Martin-de-Corléans. Una visione aggiornata*. Le Château Edizioni: 263-266.
- 2018* Painetti A., S. Amicone, D. Angelucci, G. Aprile, F. Bortolami, **L. Castellano**, F. Cavulli, E. Croce, C. D'Oronzo, F. Dumont, G. Fiorentino, G. Fronza, G. Gaj, C. Moffa, I. Maria Muntoni, A. Pedrotti, M. Pia Riccardi, M. Rottoli, C. Speciale, G. Tasca, C. Veca, M. Venturino, G. Vezzoli (2018). Le torchis dans l'architecture italienne du Néolithique à l'âge du Fer: synthèse actualisée des données archéologiques. In: C.-A. de Chazelles, É. Leal, and A. Klein (eds), *Echange Tarnsdisciplinaires sur les Constructions en Terre Crude*. Les Éditions de l'Espérou: 137-160.
- 2018 Ravazzi C., F. Badino, **L. Castellano**, D. De Nisi, G. Furlanetto, R. Perego, M. Zanon, M. Dal Corso, M. De Amicis, G. Monegato, R. Pini, F. Valle (2018). Introduzione allo studio stratigrafico e paleoecologico dei laghi intramorenici del Garda. In M. Baioni, C. Mangani, M.G. Ruggiero (eds), *Le Palafitte. Ricerca, Conservazione, Valorizzazione, Atti del Convegno, Desenzano del Garda, 6-8 ottobre 2011* (Palafitte/Palafittes/Pfahlbauten/Pile Dwellings/Palafitte, 1). SAP–Società Archeologica: 167-183.
- 2017 Ergürer A., R. Casagrande, **L. Castellano**, M. de Pietri, N. Highcock, A. Trameri, L. d'Alfonso (2017). Excavations at Kınık Höyük, 2016. *Kazı Sonuçları Toplantısı*, 39(2): 587-599.
- 2017 **Castellano L.** and L. d'Alfonso (2017) Kınık Höyük'teki yeni bulgular ışığında: Hitit Çağı'ndan Post-Hititlere geçişte ekonomi ve tarımsal üretim / Economia e produzione agricola nel passaggio tra età ittita e post-ittita: nuove evidenze da Kınık Höyük. *Arkeoloji ve Sanat* 155: 71-82.
- 2017 Giusti M. and **L. Castellano** (2017). L'apicoltura fluviale su barca in età Etrusca. *L'Apicoltore Italiano*, 8: 8-21.
- 2017 Pini R., **L. Castellano**, R. Perego, C. Ravazzi, M. de Amicis, S. Chiesa (2017). Nuovi dati sulla storia ambientale del centro abitato di Bergamo Alta tra la fase arcaica dell'Età del Bronzo e il Medioevo. Stratigrafia, paleoecologia e archeobotanica dei depositi del

- Palazzo del Podestà (Piazza Vecchia). *Atti dell'Ateneo di Scienze, Arti, e Lettere di Bergamo*, LXXIX: 349-371.
- 2017* **Castellano L.**, C. Ravazzi, G. Furlanetto, R. Pini, F. Saliu, M. Lasagni, M. Orlandi, R. Perego, I. Degano, F. Valoti, R. C. de Marinis, S. Casini, T. Quirino, M. Rapi (2017). Charred honeycombs discovered in Iron Age Northern Italy. A new light on boat beekeeping and bee pollination in pre-modern world. *Journal of Archaeological Science*, 83: 26-40.
- 2017* Pini R., C. Ravazzi, L. Raiteri, A. Guerreschi, **L. Castellano**, R. Comolli (2017). From pristine forests to high-altitude pastures: an ecological approach to prehistoric human impact on vegetation and landscapes in the western Italian Alps. *Journal of Ecology* 105:1580–1597.
- 2016 d'Alfonso L., A. Ergürer, **L. Castellano**, N. Highcock, A. Lanaro, A. Matessi, A. Trameri (2016). Excavations at Kınık Höyük, 2015. *Kazı Sonuçları Toplantısı*, 38(3): 333-342.
- 2016* Pini R., C. Ravazzi, E. Aceti, **L. Castellano**, R. Perego, T. Quirino, F. Valle (2016). Ecological changes and human interaction in Valcamonica, the rock art valley, since the last deglaciation. *Alpine and Mediterranean Quaternary*, 29 (1):19 – 34.
- 2016 Pini R., **L. Castellano**, R. Perego, C. Ravazzi, A. Rizzi (2016). Un insediamento perilacustre del Tardo Neolitico - Età del Rame a Fimon Le Fratte. Successione sedimentaria, stratigrafia pollinica e macroresti vegetali. In: E. Bianchin Citton (ed), *Nuove Ricerche Nelle Valli di Fimon. L'Insediamento Tardo Neolitico de Le Fratte di Arcugnano*. Editrice Veneta: 169-194.
- 2015 **Castellano L.**, (2015). L'apicoltura al tempo degli Etruschi del Forcello. In: S. Casini (ed), *Food. Archeologica del cibo dalla preistoria all'antichità*. Collana del Museo Archeologico. Materiali per la Cultura 3: 133
- 2015 Pini R., C. Ravazzi, E. Aceti, **L. Castellano**, R. Perego, F. Valle (2015). An updated synthesis on landscapes and climate history in Val Camonica since the late Upper Paleolithic from off-site natural archives. In: F. Troletti (ed), *XXVI Valcamonica Symposium 2015, Prospects for the Prehistoric Art Research*. Press Up: 201-209.
- 2014 Croce E., A. Amicone, **L. Castellano**, G. Vezzoli (2014). Analisi di una tecnica edilizia in terra cruda nell'insediamento Etrusco-Padano del Forcello di Bagnolo San Vito (Mn). *NAB Notizie Archeologiche Bergomensi*, 22: 137-160.
- 2013 Pini R., **L. Castellano**, R. Perego, C. Ravazzi (2013). Dati archeobotanici stratigrafici dal sottosuolo dell'Hospitium Communis Pergami (Città Alta di Bergamo). *NSAL Notiziario Soprintendenza Archeologica della Lombardia* (2010/2011): 25.27
- 2012 Casini S., **L. Castellano**, E. Croce, A. Lando, C. Longhi (2012) Un santuario celtico a Carona (Bergamo)? Ricerche e ritrovamenti nell'area del masso inciso CMS1. *NAB Notizie Archeologiche Bergomensi*, 18: 133-154.

- 2012 **Castellano L.**, R. Pini, C. Ravazzi (2012). Indagini archeobotaniche stratigrafiche negli scavi di Palazzo Podesta, Bergamo. In: M. Fortunati and A. Ghiroldi (eds), *Hospitium Communis Pergami. Scavo archeologico, restauro e valorizzazione di un edificio storico della città*. Diego Dejacco editore: 111-112.
- 2011 **Castellano L.**, C. Fredella, R. Perego, T. Quirino (2011). L’Abitato del Forcello. *Antus Markes*, 1: 17-27.
- 2011* Ravazzi C., M. Marchetti, M. Zanon, R. Perego, **L. Castellano**, M. Deaddis, M. De Amicis, C. Fredella, D. Margaritora, R.C. De Marinis, T. Quirino (2011). Lake evolution since the Bronze Age in the lower Mincio river valley and the Forcello Etruscan harbor (Central Po Plain). *Italian Journal of Quaternary Sciences*, 24: 202-204.
- 2011* Badino F., M. Baioni, **L. Castellano**, N. Martinelli, R. Perego, C. Ravazzi. (2011). Foundation development and abandoning of a Bronze Age pile-dwelling (Lucone D, Garda Lake) recorded in the palynostratigraphic sequence of the pond offshore the settlement. *Italian Journal of Quaternary Sciences*, 24: 177-179.

3. In Print/Under Review/Submitted

- In Print* **Castellano L.**, D. Campana, P. Crabtree, A. Gürel, C. Kuzucuoğlu, A. Matessi, L. d’Alfonso (in print). A diachronic view on the Anatolian landscape: environment and economies from the Bronze Age to the Ottoman Period in the Northern Tyanitis (southern Cappadocia, Turkey). *Proceedings of the 12th ICAANE*. Harrassowitz-Verlag.
- Submit.* **Castellano L.** (submitted to editors). Viticulture in 1st millennium BCE Anatolia: new archaeobotanical evidence from southern Cappadocia and a regional overview. *Proceedings of the 67th Rencontre Assyriologique Internationale*. Zaphon-Beispiel.
- Submit.* **Castellano L.** Farming the land of Hatti: emergence and collapse of the Late Bronze Age agricultural landscape of Central Anatolia (submitted to editors). In: L. d’Alfonso, M.G. Masetti-Rouault, R. Hawley, I. Calini (eds), *Between the Age of Diplomacy and the First Great Empire in Ancient West Asia (1200-900 BC): Moving Beyond the Paradigm of Collapse and Regeneration*. ISAW-NYU press
- Submit.* **Castellano L.** and J. M. Marston (submitted to editors). Wood charcoal: insights on landscape, vegetation, and wooden resources exploitation in Southern Cappadocia during the Hellenistic period. In: L. d’Alfonso, M.E. Gorrini, B. Yolacan (eds), *KINIK HÖYÜK I: Kinik Höyük and the archaeology of the Hellenistic kingdom of Cappadocia*. ISAW-NYU press.
- Submit.* **Castellano L.** (submitted to editors). Between economy and rhetoric: the epigraphy and archaeology of large-scale grain storage in Post-Hittite Anatolia and Northern Syria. In *Proceedings of the 10th International Conference of Hittitology*.

4. Technical Reports

- 2019 **L. Castellano**. MET-Metropolitan Museum of Art (New York, USA), Egyptian collection. Non-Invasive xylological screening of wooden scribal palettes and associated brushes. Technical Report 21 October 2019.
- 2013 **L. Castellano**, R. Pini, C. Ravazzi, Piovesello di Cassimoreno (Comune di Ferriere, Appennino Piacentino). Indagini paleobotaniche su depositi con industrie litiche gravettiane, Technical Report CNR-IDPA, February 2013.
- 2013 C. ravazzi, F. Badino, **L. Castellano**, G. Furlanetto. Indagine stratigrafica dei depositi del Bacino di Polada (comune di Lonato del Garda) con particolare riguardo ai depositi Olocenici, Technical Report CNR-IDPA, 6 May 2013.
- 2012 R. Pini, C. Ravazzi, **L. Castellano**, R. Perego. Indagini archeobotaniche e analisi della stratigrafia dei sedimenti provenienti dall'attività di scavo nell'area perilacustre del lago di Fimon, Technical Report CNR-IDPA, 20 February 2012.
- 2012 **L. Castellano**, R. Pini, A. Rizzi. Indagini e analisi Archeobotaniche siti Età Romana dalla Città di Aosta. Le necropoli a cremazione di Via Saint Martin de Corléans e Viale Europa. Antracologia e Palinologia, Technical Report CNR-IDPA, 28 May 2012.
- 2012 **L. Castellano**, R. Pini. Indagini e analisi Archeobotaniche siti di Età Protostorica dalla Città di Aosta. Aosta- Cantieri di Via Roma analisi archeobotaniche preliminari e datazioni 14C, Technical Report CNR-IDPA, 15 June 2012.
- 2012 R. Pini, **L. Castellano**, R. Perego, C Ravazzi. Indagini archeobotaniche stratigrafiche nel sottosuolo di Palazzo Podestà (Città Alta di Bergamo). Storia della vegetazione naturale e delle trasformazioni antropiche sul Colle di Bergamo dalla Media Età del Bronzo all'Età Rinascimentale. Technical Report CNR-IDPA, 02 October 2012.
- 2012 **L. Castellano**. Analisi antracologiche, selezione e preparazione di campioni da sottoporre a datazioni 14C dal Cantiere di Saint Martin de Corléans (Aosta), Technical Report CNR-IDPA, 19 December 2012.
- 2011 C. Ravazzi, F. Badino, **L. Castellano**. Studio stratigrafico del settore centrale del bacino palustre di Paùl (Comune di Manerba del Garda). Technical Report CNR-IDPA, 14 February 2011.
- 2011 R. Perego, **L. Castellano**, C. Ravazzi. Analisi botanica di campioni di terreno per la ricerca e l'identificazione di propaguli vegetali. Technical Report CNR-IDPA, 23 February 2011.
- 2011 **L. Castellano**, A. Rizzi, C. Ravazzi. Lucone abitato D. Analisi antracologica di due cumuli di fase 2. Technical Report CNR-IDPA, 31 March 2011.

- 2011 R. Pini, C. Ravazzi, **L. Castellano**. Studi geo-paleontologici di un tratto della sezione affiorante lungo il torrente Arda (provincia di Piacenza). Indagini paleobotaniche-stratigrafiche. Technical Report CNR-IDPA 29 December 2011.
- 2010 **L. Castellano**, R. Perego, A. Rizzi, C. Ravazzi. Lavori di realizzazione del Parco Archeologico nell'area megalitica di Via Saint Martin de Corléans (AO), Analisi Archeobotaniche. Rapporto tecnico conclusivo sullo studio dei macroresti vegetali. Technical Report CNR-IDPA, 30 June 2010.

Conferences and Talks

- 2021 **Castellano L.** The Vines and Grains of Tarhuntas: the development of the agricultural landscape of southern Cappadocia (Turkey) in the 1st millennium BCE. *Annual Meeting of the American Schools of Oriental Research (ASOR)*. Chicago (USA), November 17-20, 2021.
- 2021 **Castellano L.**, D. Campana, P. Crabtree. The village after the citadel: the agropastoral economy of the Medieval occupation of Niğde-Kınık Höyük (Central Anatolia). *27th Annual Meeting of the European Association of Archaeologists*. Kiel (Germany), September 6-11, 2021.
- 2021 **Castellano L.** The archaeobotany of viticulture in Post-Hittite Anatolia: a view from Southern Cappadocia and a regional synthesis. *67th Rencontre Assyriologique Internationale – Eating and Drinking in the Ancient Near East*. Turin (Italy), July 12-16, 2021.
- 2021 **Castellano L.** Reconstructing past economies and environments through botanical macro-remains. *Dokuz Eylül Üniversitesi edebiyat fakültesiedebiyat fakültesi. Arkeoloji Bölümü Webinar*. Izmir (Turkey), May 21, 2021.
- 2021 **Castellano L.**, D. Campana, P. Crabtree, A. Gürel, C. Kuzucuoğlu, A. Matessi, L. d'Alfonso. A diachronic view on the Anatolia landscape Environment, economies, and politics from the Bronze Age to the Ottoman Period in the Northern Tyanitis (Southern Cappadocia, Turkey). *12th International Congress on the Archaeology of the Ancient Near East (ICAANE)*. Bologna (Italy), April 6-12, 2021.
- 2021 Highcock N., **L. Castellano**, L. d'Alfonso. The Occupational Sequence at Kınık Höyük-Niğde: a View from the Lower Town. *2021 British Association for Near Eastern Archaeology (BANE) Conference*. Bournemouth (UK), March 4, 2021.
- 2021 Baioni, M., F. Bona, **L. Castellano**, C. Longhi, C. Mangani, N. Martinelli, C. Nicosia, R. Perego, T. Quirino, E. Saletta, P. Spinelli. Connecting sciences: un sistema GIS per la ricostruzione planimetrica e funzionale di una porzione del villaggio palafitticolo dell'età del Bronzo del Lucone di Polpenazze (BS). *56th Scientific Conference of the Italian Institute of Prehistory and Protohistory (IIPP)*. Ferrara (Italy), October 20-23, 2021.

- 2020 **Castellano L.** Reconstruction history from wood microanatomy: an introduction to the study of wood charcoal remains from archaeological sites and a case study from Kınık Höyük (Turkey). *Institute of Fine Arts, NYU, Conservation Center Matters Series*. New York (USA), March 2, 2020.
- 2019 **Castellano L.** Agriculture, Landscape, and Economy across the Late Bronze – Iron Age transition. A view from Kınık Höyük and South-Central Anatolia, *International Congress Between the Age of Diplomacy and the first great Empire (1200-900 BCE); Ancient western Asia beyond the paradigm of collapse and regeneration*. Paris (France), April 18-19, 2019.
- 2019 Rapi, M., T. Quirino, **L. Castellano**, M. Hirose, A. Amato, E. Barbieri. To warm, to cook, to produce. The fire structures of the Etruscan settlement of Forcello di Bagnolo S. Vito: typological and functional aspects. *6th Annual Meeting of Prehistory and Protohistory: Hearths, Ovens, and Kilns from the Neolithic to the Iron Age: Understanding domestic and craft activities through the study of the pyrotechnological features and combustion residues*. *6th Annual Meeting of Prehistory and Protohistory*. Bologna (Italy), March 29, 2019.
- 2018 **Castellano L.** Grains, Granaries, and Politics: Some Considerations on the Role of Staple Products in Post-Hittite Anatolia, *Annual Meeting of the American Schools of Oriental Research (ASOR)*. Denver (USA), November 14-17, 2018.
- 2018 **Castellano L.** The economic basis of Post-Hittite polities: EIA granaries of Kınık Höyük. Workshop: *Rethinking the Transition from the Bronze to the Iron Age in Anatolia and Northern Mesopotamia*. New York City (USA), November 12, 2018.
- 2018 **Castellano L.**, R. B. Campbell, Y. Jaffe, Climatic Narratives Across Eurasia: for a Comparative Study of the 4.2 Event in Western and Eastern Asia, *83rd Annual Meeting Society for American Archaeology*. Washington DC (USA), April 11-15, 2018.
- 2018 Peresani M., C. Ravazzi, R. Pini, D. Margaritora, A. Cocilova, D. Delpiano, S. Bertola, **L. Castellano**, F. Fogliazza, G. Martino, C. nicosia, P. Sinom. The Gravettian site of Piovesello on the Northern Apennine watershed. Results from a geoarchaeological, archaeobotanic, palynological and archaeological investigation. *IV Annual Meeting of the Institute of Prehistory and Protohistory*. Ferrara (Italy), February 7-8, 2018.
- 2017 **Castellano L.**, The Agricultural Economy during the Transition Between the Hittite and Post-Hittite Periods: New Evidence from Kınık Höyük, *10th International Congress of Hittitology*. Chicago (USA). August 28-September 1, 2017.
- 2017 **Castellano L.**, C. Ravazzi, G. Furlanetto, R. Pini, F. Saliu, M. Lasagni, M. Orlandi, R. Perego, I. Degano, F. Valoti, R. C. de Marinis, S. Casini, T. Quirino, M. Rapi. Beekeeping at the site of Forcello near Bagnolo San Vito (Mantua): boats, rivers and honeybees in the Preroman agricultural landscape of Northern Italy. LII Riunione Scientifica IIPP "Preistoria e Protostoria in Lombardia e Canton Ticino". Milan and Como (Italy), October 17-21, 2017.

- 2016 Peresani M., A. Cocilova, **L. Castellano**, D. Delpiano, F. Fogliazza, D. Margaritora, G. Martino, R. Pini, C. Ravazzi. On the Apennine ridge. The human frequentation at the Piovesello open site 31 ky BP. In: *World of Gravettian Hunters*. Krakow (Poland), May 16-20, 2016.
- 2016 Garozzo L., **L. Castellano**, C. Nicosia, R. Perego, R. Pini, C. Ravazzi. The protohistoric foundation of modern urban centers: microfossils evidence from underground deposits of two major cities in northern Italy. Workshop WAMPAS "Analysis of Micro Particles in Archaeological Samples", Max Planck Institute for Evolutionary Anthropology. Leipzig (Germany), December 6-8, 2016.
- 2016 **Castellano L.** Archaeological Computing. *NYU Digital Humanities Showcase*. New York University, New York City (USA), April 16, 2016.
- 2015 Saliu F., **L. Castellano**, I. Degano, G. Furlanetto, R. Pini, C. Ravazzi, Beekeeping in Iron Age Northern Italy, a multi analytical investigation of honeycomb remains from the Etruscan site of Forcello. *XXV Congresso della Divisione di Chimica Analitica della Società Chimica Italiana*. Trieste (Italy), September 13-17, 2015.
- 2015 Casini S., **L. Castellano**, F. Saliu, M. Tizzoni, Khalatoi iberici da Mediolanum e il commercio del miele nella tarda età del Ferro: analisi chimica dei residui organici. *Preistoria del Cibo: Cinquantesima Riunione Scientifica dell'Istituto Italiano di Preistoria e Protostoria*. Rome (Italy), October 5-9, 2015.
- 2015 Valle F., **L. Castellano**, R. Pini, M. Brunetti, C. Ravazzi. Testing models to reconstruct temperature and precipitation for Northern Italian pollen Holocene records. *Mediterranean palynology symposium GPSBI-APPLE*. Rome (Italy), September 8-10, 2015.
- 2015 Furlanetto, G., F. Badino, C. Ravazzi, R. perego, M. Baioni, **L. Castellano**, R. Comolli, N. Martinelli. Lake Lucone (N-Italy): an example of intermittent human activities and its effects on the environment during the last 5500 years. MedPalyno, GPSBI-APPLE Symposium. Rome (Italy), September 8-10, 2015.
- 2015 Valle F., R. Pini, **L. Castellano**, M. Brunetti; M. De Amicis, G. Furlanetto, V. Maggi, C. Ravazzi. Reconstructing climate from natural archives: pollen-inferred temperature series for Holocene sequences in northern Italy, *PAGES conference: Climate variability and human impact in Central and Eastern Europe during the last two millennia*. Gdansk (Poland), June 17-19, 2015.
- 2014 Pini R., **L. Castellano**, F. Badino, E. Champvillair, M. de Amicis, G. Furlanetto, V. Maggi, C. Ravazzi. From fossil pollen to climate: preliminary quantitative climate reconstructions for the last 3 ky in northern Italy, *Climate variability in Italy during the last two millennia - Italy 2k*. Rome (Italy), December 1-2, 2014.

- 2014 Pini R., **L. Castellano**, C. Ravazzi, G. Raineri, F. Bona, B. Sala. First combined findings of in-situ fossil wood and pollen of *Parrotia persica* and cf. *Eucommia* sp. in late Early Pleistocene deposits from the northern Apennine fringe (N Italy), *9th European Palaeobotany and Palynology Conference*. Padua (Italy), August 26-31, 2014.
- 2014 Furlanetto G., **L. Castellano**, F. Badino, R. Pini, C. Ravazzi, V. Maggi. When did the modern landscape emerge in the Northern Italy? Reconstructing the last 2k years landscape history by a multidisciplinary approach, *9th European Palaeobotany and Palynology Conference*. Padua (Italy), August 26-31, 2014.
- 2014 Furlanetto G., F. Badino, M. Baioni, **L. Castellano**, N. Martinelli, R. Perego, C. Ravazzi. The intermittent phases of human impact imprint during the last 5500 years at Lake Lucone in N-Italy, *9th European Palaeobotany and Palynology Conference*. Padua (Italy), August 26-31, 2014,
- 2014 Furlanetto G., C. Ravazzi, F. Badino, **L. Castellano**, M. Deaddis, B. Grassi, R. Perego, R. Pini. Early to Late Middle Age agricultural system changes in N-Italy as a main step towards the modern landscape, *Open PAGES Focus 4 Workshop on Human – Climate – Ecosystem interactions “Towards a more accurate quantification of human-environment-interactions in the past”*. Leuven (Belgium), February 3-7, 2014.
- 2013 Ravazzi C., M. Zanon, F. Badino, **L. Castellano**, M. dal Corso, M. Deaddis, G. Furlanetto, R. Pini, R. Perego, T. Quirino, M. Rottoli, A. Tramelli, F. Valle, E. Vescovi, L. Wick. Bronze Age origin and development of the rural landscape in the central Po Plain, N. Italy. *16th conference of the International Work Group for Palaeoethnobotany*. Thessaloniki (Greece), June 16-22, 2013.
- 2012 **Castellano L.**, M. Deaddis, D. Margaritora, C. Ravazzi, S. Casini, M. De Amicis, C. Fredella, R. C. de Marinis, M. Rapi, T. Quirino, M. Marchetti, R. Perego, M. Zanon. Forcello di Bagnolo San Vito (MN): Archaeology and paleoenvironment of an Etruscan harbour in Northern Italy. In: *The 18th Annual Meeting of the European Association of Archaeologists*. Helsinki (Finland), August 29-September 1, 2012.
- 2011 Badino F., M. Baioni, **L. Castellano**, N. Martinelli, R. Perego, C. Ravazzi, Fondazione, sviluppo e abbandono dell'abitato palafitticolo dell'antica Età del Bronzo "Lucone D" (Polpenazze del Garda): dati palinostratigrafici di una successione esterna al sito archeologico e analisi di macroresti vegetali dai livelli archeologici. *Le Palafitte: ricerca, conservazione, valorizzazione*. Desenzano del Garda (Italy), October 6-8, 2011.

Archaeological Field Experience

- From 2015 to 2022 **Niğde-Kınık Höyük** (Turkey). Multi-stratified site. Excavation area director (Operation C); database creator and manager; archaeobotanist.
- From 2007 to 2013 **Forcello near Bagnolo San Vito** (Mantua, Italy). Etruscan Po-Plain settlement. Archaeologist.

Lorenzo Castellano

From 2009 to 2013	Camisana Valley (Bergamo Alps, 2200 m asl, Italy). High-altitude survey and excavation. Archaeologist.
From 2009 to 2015	Temple of Pharaoh Amenhotep II (Luxor, Egypt). Temple and necropolis (Middle Kingdom to Ptolemaic). Archaeologist.
2015	Bashtepo Survey project (Bukhara Oasis, Uzbekistan). Archaeologist.
2013	Milan , Via Sforza 15/Via Andreani 1 (Italy). Development-led excavation (CRM). Archaeologist.
2013	Milan , Via Lupetta/Via della Palla (Milan, Italy). Development-led excavation (CRM). Archaeologist.
2012	Isola Dovarese (Cremona, Italy). Development-led excavation (CRM). Archaeologist.
2011	Dolzago, Santa Maria Assunta church (Lecco, Italy). Development-led excavation (CRM). Archaeologist.
2009, 2010	Lake Lucone , near Polpenazze del Garda (Brescia, Italy). Bronze Age pile-dwelling settlement. Archaeologist.
2007, 2008, 2011	Lavagnone , near Desenzano del Garda (Brescia, Italy). Bronze Age pile-dwelling settlement. Archaeologist.
2006	Orbetello Lagoon survey (Grosseto, Italy). Archaeologist.

Archaeobotanical and Paleoenvironmental Lab/Field Experience

Ongoing	Niğde-Kınık Höyük (Turkey). Multi-stratified site. Anthracological and Carpological analysis.
Ongoing	Porsuk-Zeyve Höyük (Turkey). Multi-stratified site. Anthracological and Carpological analysis.
Ongoing	Sorgun-Uşaklı Höyük (Turkey). Multi-stratified site. Anthracological and Carpological analysis.
2019	MET-Metropolitan Museum of Art (New York, USA), Egyptian collection. Non-Invasive xylological screening of wooden objects. Technical Report 21 October 2019.
2010-2012	Forcello near Bagnolo san Vito (Mantua, Italy). Etruscan settlement. Anthracological analysis.
2013	Piovesello near Cassimoreno (Piacenza, Italy). Gravettian (Upper Paleolithic) site. Anthracological analysis.
2012	Aosta, Via Roma (Italy). Neolithic, Bronze Age and Iron Age settlement. Anthracological analysis.
2012	Bergamo, Palazzo Podesta (Italy). Multi-stratified site. Anthracological analysis.

2012	Le Fratte Near Fimon (Vicenza, Italy). Neolithic settlement. Anthracological analysis.
2012	Castel Arquato, Arda River (Piacenza, Italy). Lower Pleistocene paleontological natural sequence. Xilological Analysis.
2012	Aosta, Viale Europa (Italy). Roman Age cremation necropolis. Anthracological analysis.
2011	Lucone, site D (Brescia, Italy). Bronze Age pile-dwelling. Anthracological analysis.
2011	Studio Caserio . Modern. Carpological analysis.
2011	Paul (Brescia, Italy). Holocene lacustrine sequence. Coring and stratigraphy.
2010, 2012	Aosta, Via Saint Martin de Corléans (Italy). Neolithic/Bronze Age megalithic site. Anthracological analysis.

Grants and Fellowships

2021/2022	ISAW funding extension in response to Covid-19
2020/2021	NYU Dean's Dissertation Writing Fellowship
From 2014to 2020	ISAW PhD fellowship
2015-2021	ISAW summer travel funds (cumulative 6,124.58\$)
2017, 2018	ISAW travel conference funds (cumulative 1,808.21\$)
2017	ISAW research grant: lab establishment (microscope purchase, indicative 8,925.00\$)
2015-2019	ISAW research grants: lab expenses (cumulative 1,201.83\$)
2016	Antonina S. Ranieri International Scholars Fund Grant (1,000\$)
2015	P.E. MacAllister Fellowship - American School of Oriental Research (1,000\$)

Technical Skills and Languages

Field Archaeology: Archaeological field work and field work direction. Experience on various types of sites (e.g., urban archaeology, mounded sites, high altitude archaeology, prehistoric site, necropolis) and cultural/geographic contexts (Italy, Egypt, Turkey, Uzbekistan). Knowledge of main topographic survey methods (total station, theodolite, photogrammetry, differential GPS). Experience in archaeological surveys on various types of landscapes (e.g., agricultural flatlands, high altitude, desert/steppe). Experience in CRM archaeology. Coring, sampling, and paleoenvironmental field research

Lab: Archaeobotanical analysis (anthracology, xilology and carpology). Sampling, samples processing, identification, data elaboration and interpretation.

IT: Experience in creating and managing databases (SQL and non-SQL languages). Knowledge of main basic statistical analysis methods (R language), GIS (ArcGis), graphic software

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(Illustrator, CorelDraw, Photoshop), software for radiocarbon calibration and elaboration (OxCal, Calib), software for photogrammetry (Agisoft Metashape) .

Modern Languages: Italian (native), English (fluent), Turkish (elementary), Spanish (elementary), French (elementary).

Ancient Languages: Latin (elementary), Hittite (elementary), Hieroglyphic Luwian (elementary)

References

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Professor of Western Asian Archaeology and History. New York University, Institute for the Study of the Ancient World. 15 E 84th Street, New York, NY 10028 (USA).

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Professor of East Asian Archaeology and History. New York University, Institute for the Study of the Ancient World. 15 E 84th Street, New York, NY 10028 (USA).

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Professor of Anthropology. New York University, Department of Anthropology. 25 Waverly Place, 15 E 84th Street, New York, NY 10003 (USA).

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Senior Researcher, microbotany and ecology of terrestrial ecosystems, past to modern. National Research Council of Italy, Institute of Environmental Geology and Geoengineering (CNR-IGAG). Università Milano Bicocca, Piazza della Scienza 1, 20126 Milano (Italy).