Michele Rüzgar Massa

PhD, MSc, BA (Hons)

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1. Research interests

Near Eastern and eastern Mediterranean pre-, proto- and early historical archaeology; Archaeological approaches to social complexity (urbanism, conflict, interaction, labour specialisation); Landscape & Environmental archaeology; Digital archaeology; Funerary archaeology; Archaeometry; Archaeometallurgy; Survey methodology.

2. Academic career

2025-2026 **Visiting Research Fellow** at the Netherlands Institute for the Near East at Leiden University and the University of Oxford's Wolfson College;

2025-present **Associate Professor** at the Bilkent University's Department of Archaeology (Türkiye);

2022-2025 **Assistant Professor** at the Bilkent University's Department of Archaeology (Türkiye);

2020-2022 **Postdoctoral Scholar** at the Mansueto and Oriental Institutes, Chicago University (USA);

2019-present British Institute at Ankara **Honorary Fellow** (Türkiye);

2016-2018 **Assistant Professor** at Bilecik Şeyh Edebali University (Türkiye);

2016 **PhD degree** in Archaeology at University College London (UK);

2008 **MSc degree** in GIS and Spatial Analysis in Archaeology at University College London (UK), distinction;

2007 **BA (Hons) degree** in Near Eastern Archaeology at Universita' di Roma La Sapienza (Italy), first class, summa cum laude.

3. Research projects (as Principal Investigator/co-Investigator)

2026 – present **Community Archaeology in the Making: Heritage Perceptions, Engagement, and Knowledge Co-Production at Türkmen-Karahöyük** (co-PI with Hakan Tarhan).

2026 – present **Trust and accountability in Hittite bureaucratic networks (ca. 1650-1190 BCE)**. (co-PI with Alvise Matessi, Gubaz Kibaroğlu and Michaela Schauer). The project employs an interdisciplinary research framework to understand the structure and mechanisms of Hittite administration as well as administrators' mobility within the network, as evidenced by the Nişantepe archive at Hattusa. It does so through geochemical analyses (pXRF) of bullae and geological clays in central Anatolia, the analysis of sealing practices embedded in their archaeological context, and the analysis of the motifs/titles on the seals.

2025 **A Clash of Kings** (co-PI with Federico Giusfredi). This project combines philology, history and landscape archaeology to shed light on the political geography of southcentral Anatolia in the 8th c. BCE.

2024 – present **Türkmen-Karahöyük Archaeological Project – TKAP** (co-PI with James Osborne). The 20-year excavation project targets one of the largest pre-Roman urban sites in central Anatolia, at a time a major Late Bronze Age centre, the capital of a Middle Iron Age kingdom, and later an important Persian and Seleucid city.

2024 – 2026 **Locating Tarhuntassa** (co-PI with Alvise Matessi). The project aims to locate Tarhuntassa, the second capital of the Hittite Empire, by matching geochemical signatures of cuneiform tablets and sealings found at Hattusa but originally from Tarhuntassa, with clay sources in the suggested area of the later kingdom of Tarhuntassa.

2021-2023 **Fragile Landscapes: Past, Present and Future of Sustainable Water Management on the Konya Plain, Türkiye** (co-Investigator, PI John Wainwright), sponsored by the British Academy. The project aimed at studying water management practices in the Konya Plain during the 16th century CE, through archaeological evidence, remote sensing and analysis of historical tax records. It further aimed at estimating water consumption in the 16th century, today and in 2050CE employing hydraulic engineering water budget models to better understand sustainable water management practices in the region.

2020-2022 **The Konya Plain from Space: Applying DESIS to Archaeological Settlement Recognition** (co-Principal Investigator with Daniele Cerra), sponsored by the German Aerospace Center. The project aimed at developing a new semi-automated method to detect archaeological settlements in satellite imagery, through the identification of near-infrared spectra of anthrosols, nitrate- and phosphate-rich anthropogenic soils created by human activity. The main dataset is imagery collected by the DESIS instrument aboard the International Space Station.

2019-2022 **Küllüoba C14** (co-Principal Investigator with Murat Türkteki), sponsored by the Scientific and Technological Research Council of Türkiye (TÜBİTAK 1001). Through the reassessment of the Küllüoba excavation datasets, it aimed to provide one of the longest radiocarbon-dated sequences for the later prehistory of Anatolia (ca 3500-1900 BCE);

2016-2022 **Konya Regional Archaeological Survey Project -KRASP** (co-Principal Investigator with Christoph Bachhuber), sponsored by the British Institute at Ankara, Chicago University, the Oxford University's Wainwright Fund, the Luwian Studies Foundation, Çukurova University and Bilecik University. KRASP aimed at providing a synthetic and diachronic understanding of dynamics in socio-ecological systems of the Konya Plain across the Holocene;

2016-2018 **Bilecik Şeyh Edebali University's Experimental Archaeology Centre** (co-founder with Deniz Sarı), sponsored by Bilecik University. The centre aimed at providing undergraduate and graduate students with practical experience about issues of resource procurement and tool production in pre-modern societies;

2016-2019 **From Mines to Graves: Metallurgy and Metal Exchange in Western Anatolia, ca 3700-1500 BC** (Principal Investigator), sponsored by the British Institute at Ankara. The project aimed at shedding light on the dynamics of extraction, refinement, manufacture, and exchange of metals in the region and their socio-economic impact on the local communities, between the Late Chalcolithic and the Late Bronze Age;

4. Project grants

Türkmen-Karahöyük Archaeological Project

As co-director of the TKAP project together with James Osborne (Chicago University), we have been awarded 865.000$ from institutional granting bodies and private sponsors, as follows:

2026 season – 375.000$ from Chicago University, Catherine Novotny and Sok Nam (private sponsors), Bilkent University, Loeb Classical Library, Merops Foundation, Ohio University, Foundation for the Study and Preservation of Tells in the Prehistoric Old World, Konya Büyükşehir Belediyesi, American School of Overseas Research, Amsterdam Vrije Universiteit, Oxford University

2025 season – 310.000$ from Chicago University, Catherine Novotny and Sok Nam (private sponsors), Bilkent University, Merops Foundation, John Fell Foundation, G.A. Wainwright Foundation, British Institute at Ankara, Ohio University, Konya Büyükşehir Belediyesi, T.C. Kültür ve Turizm Bakanlığı, Amsterdam Vrije Universiteit, Oxford University

2024 season – 180.000$ from Chicago University, Catherine Novotny (private sponsor), Bilkent University, Loeb Classical Library, American Institute of Archaeology, British Institute at Ankara

Others

Between 2016 and present, I have been awarded in excess of 1.000.000$ for research projects I directed and co-directed, from the following granting bodies:

2026 **TÜBİTAK 1001** (3.000.000TL) for the project "Community Archaeology in the Making: Heritage Perceptions, Engagement, and Knowledge Co-Production at Türkmen-Karahöyük" (co-PI with Hakan Tarhan)

2026 **GACR/FWF bilateral fund** (625.000€) for the project "Trust and accountability in Hittite bureaucratic networks" (as co-I, PIs are Michaela Schauer and Alvise Matessi)

2024 **Archaeological Institute of America** (20.000$) for the project "Trust and accountability in Hittite bureaucratic networks" (as co-PI with Alvise Matessi)

2022 **University of Arkansas's Center for Advanced Spatial Technologies's SPARC Grant** (together with James Osborne and Tony Lauricella) for large-scale geophysical prospecting at Türkmen-Karahöyük;

2016-2022 **British Institute at Ankara Research Fund** (30.000£) for the "KRASP" Project (together with Christoph Bachhuber);

2019-2021 **Luwian Studies Foundation** (25.000€) for the "KRASP" Project (together with Christoph Bachhuber);

2021 **Loeb Classical Library Foundation** (30.000$) for the "KRASP" Project (together with James Osborne);

2020 **British Academy** (50.000£) for the "Fragile Landscapes" Project (together with John Wainwright);

2019 **TÜBİTAK 1001 Fund** (214.000TL, ca 33.000€) for the "Küllüoba C14" Project (together with Murat Türkteki);

2017-2019 **Oxford University's Gerald Averay Wainright Fund** (12.000£) for the "KRASP" Project (together with Christoph Bachhuber);

2017 **Bilecik Şeyh Edebali University's Research Fund** (11.000TL, ca 1.800€) for the "KRASP" Project;
2016-2018 **British Institute at Ankara Research Fund** (10.000£) for the "From Mines to Graves" Project;

5. Fellowships & awards

From 2007 to 2014, I was awarded a total of 83.000€ for my MSc and PhD education, from the following granting bodies:

2014 **British Institute at Ankara** (Research Scholarship, 11.700£);
2012 **Koç University ANAMED** (Junior Fellowship, 8.000$);
2012 **TÜBİTAK-BİDEB** (2216 Fellowship, 30.000TL);
2011 **Socrates exchange** at Middle East Technical University (3.300€);
2010 **British Institute at Ankara** (Research Assistantship, 8.200£);
2010 **British Institute at Ankara** (Study Grant, 2.100£);
2009 **Roma "La Sapienza" University** (Scholarship to support postgraduate study abroad, 7.700€);
2008 **Art and Humanities Research Council** (Scholarship for the PhD programme, 15.000£);
2007 **Marie Sklodowska-Curie** (Award for the attendance to the MSc degree at UCL, 20.000€).

6. Taught courses

@Bilkent University (2022-, all courses are taught in English)

- HART 221 – Great Discoveries from the Ancient World (BA course, 2024, 2025)
- HART 222 – From Villages to Empires in Ancient Mesopotamia (BA course, 2022, 2023, 2024)
- HART 310 – Introduction to Digital Archaeology (BA course, 2024)
- HART 325 – Anatolian Archaeology II - The World of the Hittites (BA course, 2023, 2024, 2025)
- HART 434 - Landscape Archaeology (BA course, 2022)
- HART 436 – Research Methodologies in Archaeology (BA course, 2022, 2023)
- HART 501 – Archaeological Theory (MA course, 2023, 2024, 2025)

@Bilecik University (2016-2018, all courses were taught in Turkish)

- ARK 109 - Levantine and Cypriot Prehistoric Archaeology (BA course, 2016, 2017)
- ARK 110 - Upper Mesopotamian Prehistoric Archaeology (BA course, 2017, 2018)
- ARK 208 - Metallurgy in the Ancient Near East (BA course, 2018)
- ARK 228 – Archaeological Science (BA course, 2017-2018)
- ARK 405 - Central and Eastern Anatolian Prehistoric Archaeology (BA seminar, 2017)
- ARK 429 – GIS applications to Archaeology (BA course, 2017, 2018)
- ARK 505 – Graduate seminar (MA course, 2018)
- ARK 550 - Social Inequality in the Ancient Near East (MA seminar, 2017)

Seminars

- *2022* Pisa University (Italy): 3-week seminar on GIS and Landscape Archaeology
- *2019* Bilkent University (Türkiye): 2-day seminar on GIS for Archaeology
- *2009* Archaeology Southeast (commercial archaeological firm, UK): GIS course

7. Publications

Peer-reviewed edited monographs

Massa M., Baird D., Hodder I. and L. Vandeput (eds, in prep). *Contextualizing the Konya Plain Neolithic Regional analysis of the long-term development of sedentism and domestication*, The Holocene Special Issue.

Gerçek İ and **M. Massa** (eds, 2026). *Integrated Perspectives on the Political Geography of Southern Anatolia, 1650-550 BCE*, Anatolian Studies Special Issue.

Edited monographs

Aykurt A., **Massa M.R.**, Akçay A., Şahin F., Türkteki M., Sarı D., Şahin F., Beyazıt A., Oğuzhanoğlu Akay U. (eds, 2026). *Human Mobility, Colonization and Migration*. Ankara, Arkeoloji ve Sanat Yayınları.

Aykurt A., Akçay A., Şahin F., Türkteki M., Sarı D., Beyazıt A., **Massa M**, Oğuzhanoğlu Akay U. (eds, 2024). *War and Violence in the Ancient Near East*. Ankara, Bilgin Yayınevi.

Peer-reviewed journal articles

Massa M. (in prep.). Legitimization through celebration: elite-sponsored collective gatherings in the Anatolian Early Bronze Age, *Journal of Mediterranean Archaeology* (6000 words)

Wainwright J., **M.R. Massa**, D. Motta, E. Peker, M. Uçar, İ. Yiğit (accepted, in press), Fragile Landscapes | Kırılgan Çevreler: The Past, Present And Future Of Water Management In The Konya Plain, Türkiye, in Vandeput L. (ed.) Water Management xxx

Yiğit, İ and **M.R. Massa** (in prep). Ottoman tax registers from the Konya Vilayeti – the Tahrir defterleri and Temettuat Defterleri, *Journal of Open Archaeological Data*.

Uçar M., **Massa M**.R., Wainwright J. and İ. Yiğit (2026). Ottoman Water-Management Systems in the Konya Plain, Türkiye. *Water History* 18(3): https://doi.org/10.1007/s12685-026-00396-x.

Massa M.R. (2026). The Land and City of Tarḫuntašša. An Integrated Textual, Geographic and Archaeological Analysis, *Anatolian Studies Special Issue*.

Bachhuber C., **Massa M**.**R**. and F. Şahin (accepted, in press). Landscape Mosaics and Lifeway Choices: Recontextualizing the 'Neolithic Process' in the Konya Plain (Türkiye), *The Holocene*.

Pau de Soto P., A. Pažout, T. Brughmans, P. Bjerregaard Vahlstrup, A. Auir, T. Bongers, JE Bødstrup Christoffersen, M. Crépy, M. Holland Johansen, J. Lewis, L. Manière, **M.R. Massa**, L.M. Harreby Møller, B. Redon, G. Renda, H. Şahin, A. Sobotková, A. Leighton Spatzek, P. Verhagen and B. Weissova (2025). Itiner-e: A high-resolution dataset of roads of the Roman Empire, *Scientific Data*, doi.org/10.1038/s41597-025-06140-z.

Şahin F. and **M. Massa** (2025). Mass-Hunting in Southwest Asia at the Dawn of Sedentism – New Evidence from Şanlıurfa, Southeast Türkiye, *Antiquity* 99(403):e2. https://doi.org/10.15184/aqy.2024.155

Boon M., Motta D., **Massa M**., Wainwright J., Lawrence D., and G. Ayala (2025). Understanding the long-term development of an irrigation network using a sinuosity-based automatic classification of waterways, *The Holocene* 35(1): 29-43.

Creamer P., Alperstein J., **Massa M**., Osborne J., and J. Casana (2025). Magnetic Gradiometry Survey at the Urban Center of Türkmen-Karahöyük (Turkey), *Archaeological Prospection* 32(2): 249-261. https://doi.org/10.1002/arp.1955

Osborne J. and **M. Massa** (2024). Interregional connections in South-Central Anatolia during the Early First Millennium BCE, *Ancient Near Eastern Studies* 61: 387-412. doi: 10.2143/ANES.61.0.3294037.

Massa M., Osborne J. (2024). Peak Sanctuaries and Sacred Mountains in Anatolia during the Iron Age. *American Journal of Archaeology* 128(1): 33-58.

Tarhan İ., **Massa M.**, Türkteki M. and S. Türkteki (2023). Toward an Understanding of the Exchange in Ancient Scented Oils through Organic Residue Analysis of Bronze Age Near Eastern Ceramic Bottles. *Archaeometry* 65(4): 833-849. https://doi.org/10.1111/arcm.12852.

Tarhan İ., **Massa M.**, Tuna Y. and F. Şahin (2023). An Archaeometric Study of the Konya Basin Metallic Ware (Central Anatolia) by FT-IR Analysis and Chemometrics. *Archaeometry* 65(4):136-150.

Tuna Y., **Massa M.** and F. Şahin (2022). Konya Havzası Metalik Çanak Çömleği: Erken Tunç Çağı'na Ait Özel Bir Çanak Çömlek Grubunun Tipolojik, Teknolojik ve Kronolojik Yönden İncelenmesi. *TÜBA-AR* 30: 31-53.

Massa M., and J. Osborne (2022). On the Identity of Hartapu. Textual, historical and archaeological analysis of an Anatolian Iron Age ruler, *Altorientalische Forschungen* 49.1: 85-103.

Massa M., Bachhuber C., Şahin F., Erpehlivan H., and A.J. Lauricella (2021). The 2019 and 2020 Seasons of the Konya Regional Archaeological Survey Project. *Anatolica* XLVII, 215-242.

Osborne J., **Massa M**., Şahin F., Erpehlivan H. and Bachhuber C. (2020). The City of Hartapu: Results of the Türkmen-Karahöyük Intensive Survey Project. *Anatolian Studies* 70, 1-27.

Massa M., Bachhuber C., Şahin F., Erpehlivan H., Osborne J. and A.J. Lauricella (2020). A landscape-oriented approach to urbanisation and state formation in the Konya and Karaman Plains, Türkiye. *Anatolian Studies* 70, 45-75.

Goedegebuure P., van den Hout T., Osborne J., **Massa M.**, Bachhuber C. and F. Şahin (2020) TÜRKMEN-KARAHÖYÜK 1: a new Hieroglyphic Luwian inscription from Great King Hartapu, son of Mursili, conqueror of Phrygia, *Anatolian Studies* 70, 29-43.

Massa M., Bachhuber C., Şahin F., Tuna Y. and N. Kolankaya (2019). The results of the 2017 and 2018 seasons of the Konya Regional Archaeological Survey Project, *Anatolica* XLV: 159-180.

Massa M. and Tuna Y. (2019). Reassessing western and central Anatolian Early Bronze Age sealing practices: a case from Boz Höyük (Afyon), *Anatolian Studies* 69, 59-75.

Massa M. and Palmisano A. (2018). Change and Continuity in the Long-distance Exchange Networks between Western/Central Anatolia, Northern Levant and Upper Mesopotamia, c.3200-1600 BC, *Journal of Anthropological Archaeology* 49, 65-83.

Massa M. and Palmisano A. (2018). Commercial landscapes of long-distance contacts in Western Asia, c. 3200 – 1600 BC: perspectives from material culture, *Journal of Open Archaeology Data 6.*

Massa M., McIlfatrick O. and E. Fidan (2017). Patterns of metal procurement, manufacture and exchange in the Early Bronze Age northwestern Anatolia: Demircihüyük and beyond, *Anatolian Studies* 67, 53-83.

Massa, M. (2017). Madenlerden mezarlara: M.Ö.3700-1600 yıllarında, Kuzeybatı Anadolu'da metalurji ve metal ürünlerin değiş tokuşu. *Arkeoloji ve Sanat*, 154, 166-169.

Fidan E., **Massa M**., McIlfatrick O., Üyülmez M., ve A. Ilaslı (2017). Afyon Arkeoloji Müzesi'nden Tunç Çağlarına Tarihlenen Bir Grup Metal Eser, *Colloquium Anatolicum* 16, 55-70.

Massa M. (2014). Early Bronze Age burial customs across the central Anatolian plateau: a view from Demircihüyük Sarıket, *Anatolian Studies* 64, 73-93.

Peer-reviewed book chapters

Massa M. (2021). A multi-scalar and multivariate approach to the analysis of social and cultural boundaries in the western Anatolian Early Bronze Age, in D'Alfonso L. and K. Rubinson (eds.) *Borders in Archaeology: Anatolia and the South Caucasus ca. 3500-500 BCE*, Peeters: Leuven, 93-123.

Koparal E., Ersoy Y., **Massa M**., Demirciler V. (2017). Sampling the Ionian landscapes: An overview of the archaeological surveys in the Klazomenean and Teian chorai, in Steadman S. and McMahon G. (eds) *The Archaeology of Anatolia: Recent discoveries, vol. II*, Cambridge Scholars Publishing: Cambridge, 400-425.

Massa M., Şahoğlu V. (2015). The 4.2ka BP climatic event in west and central Anatolia: combining palaeoclimatic proxies and archaeological data, in Meller H., Arz H.W., Jung R. and R. Risch (eds.) *2200 BC – A climatic breakdown as a cause for the collapse of the Old World?* Landesmuseums für Vorgeschichte Halle: Halle, 61-78.

Book chapters

Massa M., Erpehlivan H., Şahin F. And H. Bahar (2024). Bronze and Iron Age Regional Fortification Systems in the Konya and Karaman Plains. In Aykurt A., Akçay A., Şahin F., Türkteki M., Sarı D., Beyazıt A., Massa M, Oğuzhanoğlu U. (eds) *Savaş ve Şiddet*, Ankara, Bilgin Yayınevi, pp. 295-326.

Motta D., Lyons S., McEneaney S., Yurttaş O., Ocakoğlu F., **Massa M**., and J. Wainwright (2022). Quantifying water scarcity and its factors in the Konya basin in Türkiye, in Ortega-Sánchez, M. (ed.) *Proceedings of the 39th IAHR World Congress 19–24 June 2022, Granada, Spain.* IAHR: Madrid, 3020-3029. doi://10.3850/IAHR-39WC2521716X2022933

Fidan, E., **Massa, M**. and O. McIlfatrick (2021). Höyüktepe'de Erken ve Orta Tunç Çağı metalurjisi, in Türktüzün, M. and S. Ünan, "*Kureyşler Barajı Kurtarma Kazıları 2015*", Kütahya Müzesi Müdürlüğü: Kütahya.

Massa M., Fidan, E. and O. McIlfatrick (2017). Çiledir Höyük ve Seyiyömer Höyük Erken ve Orta Tunç Çağı metalurjisi, in Ünan, S. '*Kütahya Müzesi 2015 Yıllığı*', Kütahya Müzesi Müdürlüğü: Kütahya, 299-323.

Massa M. (2014). Destructions, abandonments, social reorganisation and climatic change in west and central Anatolia at the end of the third millennium BC, in Erciyas B. and E. Sökmen (eds.) *Regional Studies in Archaeology, Settlement Archaeology Symposium Series IV*, Ege Yayınları, Istanbul, 79-103.

Massa M., Şahoğlu V. (2011). Western Anatolian burial customs during the Early Bronze Age, in Şahoğlu V. and P. Sotirakopoulou (eds.) *Across: the Cyclades and Western Anatolia during the third millennium BC*, Sakıp Sabancı Museum: Istanbul, 164-171.

Other works

Bachhuber C. and **Massa M.** (2021). The Konya Regional Archaeological Survey Project 2021: the prehistoric past, the archaeological present and looking to the future, *Heritage Türkiye* 11, 34-35. doi:10.18866/biaa2021.15

Bachhuber C. and **Massa M.** (2020). The Konya Regional Archaeological Survey Project in 2020, *Heritage Türkiye* 10, 40-41. doi:10.18866/biaa2020.19

Bachhuber C., **Massa M.** and J. Obsorne (2019). The KRASP 2019 field season and the discovery of an Iron Age capital at Türkmen-Karahöyük, *Heritage Türkiye* 9, 33-34. doi:10.18866/biaa2019.17.

Bachhuber, C. and **Massa M.** (2018). Emerging patterns on the Konya plain: the second season of KRASP, *Heritage Türkiye* 8, 37-38. doi:10.18866/biaa2018.18.

Bachhuber, C. and **Massa M.** (2017). The archaeological landscapes of the eastern Konya Plain: results of KRASP's first field season, *Heritage Türkiye* 7, 30-31. doi:10.18866/biaa2017.18.

Bachhuber, C. and **M. Massa** (2016). Engaging the material and academic legacies of the first BIAA-led surveys in the Konya Plain, *Heritage Türkiye* 6, 21-22.

Fidan E., Türkteki M., Türkteki S., **Massa M**., Oğuzhanoğlu U., Seçer Fidan S., Afşar M. (2019). Eskişehir ve Kütahya İlleri Tarih Öncesi Dönem Yüzey Araştırmaları (EKAR) 2017 Yılı Çalışmaları, *Araştırma Sonuçları Toplantısı* 36(2), 21-40.

Koparal, E., Demirciler, V. & **Massa M.** (2017). Urla ve Seferihisar İlçeleri Yüzey Araştırması 2015 Yılı Çalışmaları, *Araştırma Sonuçları Toplantısı* 34(1), 483-504.

Mambelli S., **Massa M.** and Soriano E. (2005), Modelli Insediamentali nelle Marche tra Bronzo Finale e Ferro, *Atti del 38mo congresso dell'Istituto Italiano di Preistoria e Protostoria*, 322-327.

Massa, M., J. Obsorne and H. Erpehlivan (2025). Konya Ovası'nda Yeni Bir Disiplinlerarası Araştırma Programı: Türkmen-Karahöyük Arkeoloji Projesi, *Türk Eskiçağ Bilimleri Enstitüsü* 48: 101-105.

Massa, M. and E. Fidan (2020). Batı Anadolu Arkeometalurji Araştırmaları, 2018 Yılı Çalışmaları, *Arkeometri Sonuçları Toplantısı* 35, 207-216.

Massa M., Bachhuber C., Şahin F., Sarı D. and H. Erpehlivan (2020). Konya İli, Karatay ve Çumra İlçeleri Arkeolojik Yüzey Araştırması 2018 Yılı, *Araştırma Sonuçları Toplantısı* 37(2), 511-527.

Massa M., Bachhuber C., Şahin F., Tuna Y. and N. Bostancı-Kolankaya 2019. Konya İli, Karatay ve Çumra İlçeleri Arkeolojik Yüzey Araştırması 2017 Yılı, *Araştırma Sonuçları Toplantısı* 36(3), 17-34.

Massa M. (2018). Metallurgical technology and metal exchange networks: a case study from the western Anatolian Late Chalcolithic and Bronze Ages, *Heritage Türkiye* 8, 39-40. doi:10.18866/biaa2018.19.

Massa M. (2018). Review of Marston, J.M. 2017. Agricultural sustainability and environmental change at ancient Gordion (Museum Monographs 145), 2017. Philadelphia: University of Pennsylvania Press, *Antiquity*, 92(362), 543-545.

Massa, M. (2016). The early stages of metallurgy and metal exchange in northwestern Türkiye, *Heritage Türkiye* 6, 23.

Massa M. (2011). Anatolian Travels. Analysing communication routes in the late prehistory of Asia Minor, *Heritage Türkiye* 1, 39.

Dissertations

Massa M. (2016). *Networks before Empires: cultural transfers in west and central Anatolia during the Early Bronze Age*. Unpublished PhD dissertation, University College London.

Massa M. (2008). *Burial customs in west-central Anatolian Early Bronze Age: new evidence from Demircihüyük-Sarıket (Eskişehir).* Unpublished MSc dissertation, University College London.

Massa M. (2007). *Costumi funerari e organizzazione insediamentale nell'Anatolia occidentale del III millennio a.C.[Burial customs and settlement organization in the western Anatolian third millennium BC]*. Unpublished BA Hons dissertation, Universita' Roma La Sapienza.

Popular media

2024 Talk "*Archaeology in the 21st century*" at Springside Chestnut Hill High School, Philadelphia (US)

2024 Featured in article "*The Storm-God's City*", Archaeology Magazine, May/June 2024 (https://www.archaeology.org/issues/550-2405/features/12283-Türkiye-hittite-capital-tarhuntasha)

2024 Interview with Turkish national TV TRT on the excavation of Türkmen-Karahöyük (https://x.com/trthaber/status/1827010155092865070?t=lKk7sAnTvqgh7lFWlsic_w&s=19)

2024 Interview for the podcast "*Heritage Türkiye*" on the excavation of Türkmen-Karahöyük https://www.youtube.com/watch?v=pK9wIGRpnTI&list=PLbei-sAWFFVo9siElk36njqqnIf-D71Bf&index=1

2023 Baird D., Hodder I and **M. Massa**. Neolithic Turkey: investigating the transition to settled and farming lifestyles on the Konya Plain, *Current World Archaeology* 119

2023 *What Can Archaeology in the 2020s Look Like?,* Bilkent Newsletter 2023

2020 Featured in the podcast "*History Happened Everywhere: Türkiye 3000-2000 BCE"* (https://www.podbean.com/media/share/pb-wsnpj-f32907?utm_campaign=au_share_ep&utm_medium=dlink&utm_source=au_share

2016 Talk "*Archeologia e Societa'*" at the Department of Italian Studies, Ankara University

8. Organisation of conferences, workshops, exhibitions

2025 ***Human Mobility, Migration and Colonization in the Ancient Near East***, an international conference at Bilkent University (Türkiye), co-organizer with A.Akçay, A.Aykurt, U.Oğuzhanoğlu, F. Şahin, M. Türkteki, A.Yurtsever;

2024 ***Public Archaeology: Dialogues, Communities and Social Challenges***, an international conference at Bilkent University (Türkiye), co-organizer with I.Gürsu and G.Moshenka;

2024 ***Anatolian Identities***, the ARWA – Anatolia 2024 Online lecture cycle, co-organizer with R.Özbal and E.Baysal;

2023 ***Contextualizing the Neolithic: regional approaches to sedentism and domestication in the Konya Plain***, an international conference at Bilkent University (Türkiye), co-organizer with D.Baird and I.Hodder;

2023 ***Integrated Approaches to the Political Geography of Southern Anatolia, 1650-550 BCE***, an international conference at Bilkent University (Türkiye), co-organizer with İ.Gerçek;

2022 ***Beyond Cities: a Comparative Approach to Ancient Urban Hinterlands***, a workshop at the Mansueto Institute for Urban Innovation (USA), organizer;

2014 ***Roads and Routes in Anatolia: Pathways of communication from prehistory to Seljuk times,*** an international conference at the Ankara University (Türkiye), member of the scientific committee;

2012 ***Travelling across Anatolia: revealing a palimpsest of road use from the Early Bronze Age to the Ottoman period***, a workshop at the British Institute at Ankara (Türkiye), organiser;

2011 ***Across: between the Cyclades and coastal western Anatolia during the third millennium BC***, an exhibition at Sakıp Sabancı Museum, Istanbul (Türkiye), collaborator.

9. Invited lectures

2025 **Centro Nazionale delle Ricerche (Italy): "**The Kingdom of Tarḫuntašša - state and territoriality in Late Bronze Age Anatolia".

2023 **Institute for the Study of the Ancient Cultures (USA):** "Modelling Interaction in Archaeology".

2022 **Pisa University (Italy):** "Fra Tarhuntašša e Hartapu: geografia politica in Anatolia meridionale tra Bronzo Tardo e Ferro".

2021 **Kiel University (Germany):** "A multiscalar approach to pre-monetary exchange networks: a case study from Early Bronze Age Anatolia"

2020 **Ege University (Türkiye):** "Urbanisation and state formation in western Anatolia, 3500-500 BCE"

2020 **Anatolian Studies Webinar (UK):** "The political geography of Hartapu's kingdom, a newly-discovered Middle Iron Age power in central Anatolia".

2019 **Ege University (Türkiye):** "The kingdoms of Tarhuntassa and Tabal: new perspectives from the Konya Plain".

2019 **British Institute at Ankara (Türkiye):** "A regional archaeological perspective on the kingdoms of Tarhuntašša and Tabal: the Konya-Karaman Plains in the Late Bronze and Iron Ages" (with James Osborne).

2019 **Oriental Institute at Chicago University (US):** "A New Iron Age Kingdom in Anatolia: King Hartapus and his Capital City" (with James Osborne).

2019 **Freie Üniversitet (Berlin, Germany):** "The dynamic landscapes of the Konya Plain: change and continuity across the Early and Middle Holocene".

2019 **Charles University (Prague, Czech Republic):** "Was the Bronze Age really an age of bronzes? Reassessing tin exchanges in Anatolia in the 3rd and 2nd millennia BCE".

2018 **British Institute at Ankara (Türkiye):** "Metals made the world go round: dynamics of metal extraction, manufacture and exchange in Bronze Age western Anatolia".

2018 **American Research Institute in Türkiye:** "The Konya Regional Archaeological Survey Project: results from the 2017 season".

2018 **Liverpool University, Archaeology Department (UK):** "Urbanisation, metallurgy and trade: a bird's eye view of the Anatolian third millennium BC".

2016 **Institut für Orientalische und Europäische Archäologie (Austria):** "A multi-scalar analysis of Early Bronze Age exchange networks in Anatolia and surrounding regions".

2013 **KU Leuven (Belgium)**: "Connecting the dots: exchange and cultural transfers between Aegean and Anatolia, 3200-1950 BC".

2010 **Bilkent University (Türkiye):** "Networks before the Empires: analysing exchange networks in the Early Bronze Age Anatolia".

10. Conference papers

2020 **American School of Oriental Research** (webinar): "The City of Hartapu: A Royal Inscription and Survey Results from Türkmen-Karahöyük in the Konya Plain" (with James Osborne).

2020 **British Association of Near Eastern Archaeology (Oxford):** "A new hypothesis for the location of the lost city of Tarhuntassa" (with Christoph Bachhuber).

2020 **British Association of Near Eastern Archaeology (Oxford):** "Water management and society in the Konya Plain (central Türkiye)".

2019 **Cultural Interactions: Borders, Routes and Socio-Cultural Dynamics, Hacettepe University (Türkiye):** "Regional defence systems in the Anatolian Bronze Age and the rise of the first territorial states" (with Fatma Şahin)

2019 **European Archaeology Association (Switzerland):** "In search of a 'Luwian' state: regional analysis of the Late Bronze Age in the Konya Plain, Türkiye" (with Christoph Bachhuber)

2017 **Under the Mediterranean, Nicosia (Cyprus):"** Pre-Middle Bronze Age Maritime Exchange Networks between the Aegean and the Levant: an Anatolian Perspective".

2016 **The Southeast Aegean/Southwest Coastal Anatolian Region: Material Evidence and Cultural Identity, Athens (Greece)**: "South-western Anatolia and its relations with the Dodecanese, Crete and the Cyclades during the late 4th and 3rd millennia BCE - A funerary perspective".

2015 **2nd Kültepe International Meeting, Kayseri (Türkiye): "**The role of Kültepe in the interregional exchange networks between Anatolia and Upper Mesopotamia, 2800-1950 BC".

2014 **2200 BC - A climatic breakdown as a cause for the collapse of the old world?, Halle (Germany)**: "The 4.2ka BP climatic event in west and central Anatolia: combining palaeoclimatic proxies and archaeological data" (with Vasıf Şahoğlu).

2014 **Roads and Routes in Anatolia: Pathways of communication from prehistory to Seljuk times, Ankara University (Türkiye): "**Of dirt-roads, bridges and network hubs: journeying across Anatolia in the 3rd millennium BC".

2011 **Settlement Archaeology Symposium, Middle Eastern Technical University, Ankara (Türkiye)**: "Climate changes and territorial control: settlement dynamics in the Early Bronze Age of west and central Anatolia".

2010 **7th International Congress of Archaeology of the Ancient Near East, London (UK)**: "Of miners and traders: an analysis of long-distance interaction between the Anatolian plateau and Upper Mesopotamia during the third millennium".

2009 **Early Bronze Age Troy Conference, Tübingen University (Germany)**: "Connecting Anatolia: the western part of the plateau in the Early Bronze Age II and III periods".

2009 **Centre for the Study of the Ancient Mediterranean and the Near East, Durham University (UK):** "Networks of interaction in the Early Bronze Age Anatolia".

2009 **British Association for Near Eastern Archaeology, Durham University (UK)**: "Social complexity and road networks in the Early Bronze Age of west and central Anatolia".

11. Professional experience

Archaeological fieldwork experience (25 years, only projects of significant duration included here):

2024-present **Türkmen-Karahöyük Archaeological Project** (Türkiye), as co-director;

2022-present **Çakmaktepe** (Türkiye), as team member;

2017-2022 **Konya Regional Archaeological Survey Project** (Türkiye), as co-director;

2014 **Falaj as-Souq** rescue excavation project (Oman), as field co-director. Directors: Maurizio Tosi (Bologna University) and Bleda Düring (Leiden University).

2013-2014 **Klazomenai Survey Project** (İzmir, Türkiye), as tract walker. Director: Elif Koparal (Çorum University).

2010-2013 excavation at the Bronze Age site of **Çeşme Bağlararası** (İzmir, Türkiye). Director: Vasıf Şahoğlu (Ankara University).

2009-2011 **Cide Survey Project** (northern Türkiye), as tract walker and GIS analyst. Directors: Claudia Glatz (Glasgow University) and Bleda Düring (Leiden University).

2008 excavation at the Bronze Age site of **Limantepe** (İzmir, Türkiye). Directors: Vasıf Şahoğlu (Ankara University).

2006-2007 **Hidden Landscapes Survey Project** (southern Italy), as tract walker and GIS assistant. Director: Martjin van Leusen (Gröningen University).

2006 excavation at the multi-period site of **Arslantepe** (Malatya, Türkiye). Director: Marcella Frangipane (Roma University).

2005 **Malatya Survey Project** (Türkiye), as tract walker. Director: Gian Maria Di Nocera (Roma University).

2002 excavation at the Bronze Age site of **Broglio di Trebisacce** in southern Italy, as field archaeologist. Director: Renato Peroni (Roma University).

2002 excavation at **Nola** and **Poggiomarino** Bronze Age settlements in southern Italy, as field archaeologist. Director: Claude Livadie, (University Suor Orsola Benincasa).

2000 excavation at the Roman necropolis of **San Paolo Belsito** in Southern Italy. Director: Claude Livadie, (University Suor Orsola Benincasa).

1999 excavation at the Roman villa of **Cambrils** (Tarragona, Spain). Director: Josep Maria Palet (Institute of Classical Archaeology, Tarragona).

GIS-related experience (15 years):

2022 - GIS analyst in the **Şanlıurfa Archaeological Survey Project** (Türkiye).

2017-2022 GIS analyst in the **Konya Regional Archaeological Survey Project** (Türkiye).

2014-2017 GIS analyst in the **Pisidia Heritage Trail Project** (Türkiye).

2014 GIS analyst for the **Falaj as-Souq** rescue excavation project (Oman).

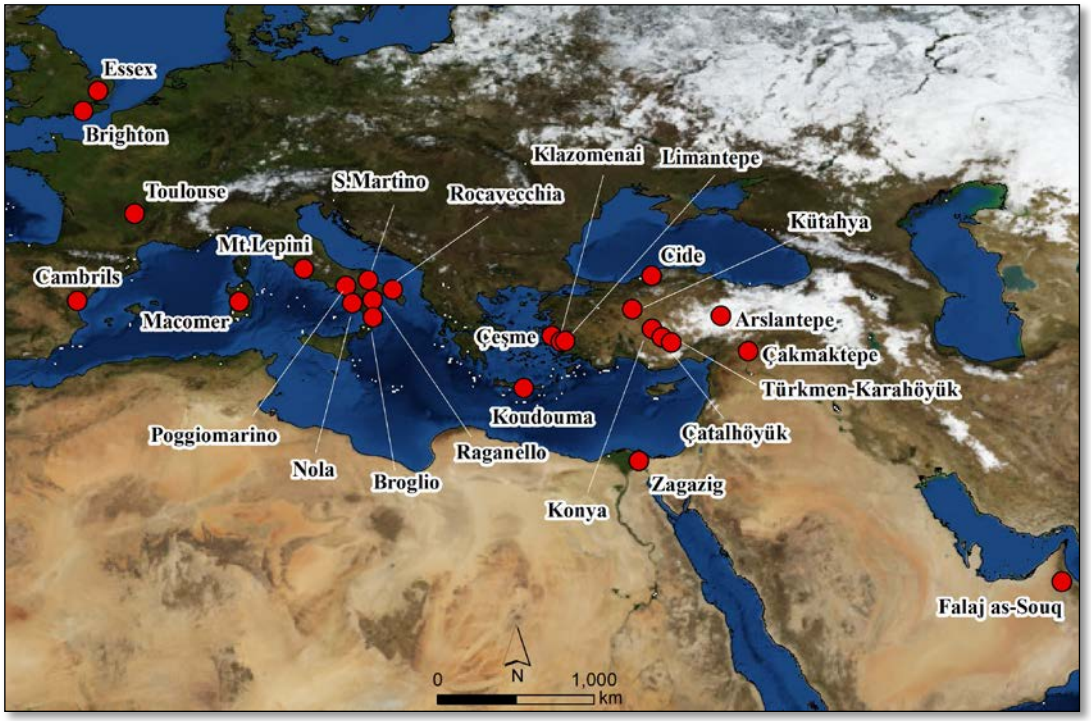
2013-2015 GIS analyst for the **Klazomenai Survey Project** (Türkiye).

2010-2015 IT project manager for the **IRERP** project in the Izmir area (Türkiye), including the sites of Çeşme Bağlararası, Limantepe and Baklatepe.

2009-2011 GIS analyst in the **Cide Survey Project** on the Turkish Black Sea coast.

2010-2012 IT project manager at the Bronze Age site of **Roca Vecchia** (southern Italy).

2009 GIS analyst at the archaeological site of **Çatalhöyük** (Konya, Türkiye).
2009-2010 GIS analyst for the **Roman Essex Hinterland Project** (English Heritage).
2009 GIS trainer at **Archaeology South East**, a major British archaeological company.



Map showing the location of my archaeological projects (1999-2025).

12. University Services

Administrative duties

2024: Committee for the establishment of the doctoral program at Bilkent University's Department of Archaeology (chair)
2023: Search Committee for Digital Archaeologist/Classical Archaeologist (member)
2022 - present: Graduate Academic Advisor at Bilkent University's Department of Archaeology

Thesis supervision (completed)

2026: Ebru Tuna, *MÖ 4. ve 3. Binyılda Konya Havzası'nın Seramik Ekolojisi Bağlamında Sosyokültürel Gelişimi*; PhD Thesis, Ege University (external supervisor)
2025: İpek Kırömeroğlu, *The Evolution and Role of Anti-Splash Rim Bowls in the Late Bronze Age Ceramic Production*; MA Thesis, Bilkent University (1st supervisor)
2023: Yiğit Pekzeren, *No Rose without Thorns: Assessing 3D Scanning Methods in Archaeology through Case Studies from Ḫattuš*a, MA Thesis, Bilkent University (1st supervisor)
2023: M. Ali Akman, *Quantitative Approaches to Hittite Historical Geography: A Network Analysis of Hittite Toponyms*, MA Thesis, Bilkent University (2nd supervisor)
2021: Oscar Beighton, *In search of the frontier: a GIS-based visibility modelling approach to the border geography of Tarḫuntašša,* MA Thesis, Durham University (external supervisor)
2019: Çağlayan Bal. *The Impact of the 4.2 ka BP Event in Western Anatolia: An Evaluation through Palaeoenvironmental and Archaeological Data*, MA Thesis, Middle Eastern Technical University (external supervisor)

Thesis supervision (continuing)

2025-2026: Uğur Tanrıverdi (MA Thesis, Bilkent University, 1st supervisor)

13. Academic Services

- Peer-reviewer for funding bodies: *European Research Council Synergy Grants* (1), *TÜBİTAK 1001* (3), and *Leverhulme Trust* (1).

- Peer-reviewer for *Quaternary International (2), The Holocene (2), Journal of Archaeological Science (3), Journal of Archaeological Science: Reports (1), Geomorphology (1), Archaeometry* (1), *Antiquity (2), American Journal of Archaeology (1), Journal of Mediterranean Archaeology (1), Cambridge Archaeological Journal (2), Bulletin of the American Schools of Overseas Research (1), Anatolian Studies (7), Near Eastern Archaeology (1), Journal of Near Eastern Studies (1), Annuals of the British School of Athens (1), Journal of Near Eastern Religions (1), History and Anthropology (1), TÜBA-AR (3), Olba (1), Adalya (2), Colloquium Anatolicum (2), Anatolica (2), Studia Hercynia (1), ASiANa (1).*
- Editorial Board of the *Bulletin of the American Schools of Overseas Research* (2026- present).
- Junior Scientific Advisor at the *British Institute at Ankara* (2018-2020).
- Member of the *ARCANE* (Associated Regional Chronologies for the Ancient Near East) project (2011-2014).

14. Language proficiency

Modern

- **Italian**: Native speaker
- **English**: Fluent conversational, reading and writing knowledge
- **French**: Fluent conversational, reading and writing knowledge
- **Turkish**: Fluent conversational, reading and writing knowledge
- **Spanish:** Conversational knowledge
- **German**: Basic reading knowledge

Ancient

- **Latin**: Intermediate reading knowledge
- **Ancient Greek**: Intermediate reading knowledge