

# Curriculum Vitae

**Name:** Maria-Magdalena ȘTEFAN

**Date of Birth:** 03.04.1982

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**Main specializations and professional interests:** Tumuli Graves; Funerary Archaeology; Second Iron Age Archaeology in the Balkan Peninsula; Thracian Archaeology; Proto-urban settlements; Ancient identities; Hellenistic culture and history; technical applications in archaeological research: remote sensing, GIS, archaeological topography, landscape archaeology, CAD, photogrammetry, geophysical prospecting, dynamic web applications

**Since 2004 I took part in teams or coordinated research field expeditions in over 150 archaeological sites in Romania, Moldova, Bulgaria, Greece and Hungary (archaeological survey, topography, geophysical prospection, remote sensing, field photogrammetry).**

## Degrees and certifications

- 2012 - PhD in History - The Doctoral School of History, Bucharest University, thesis title – *Tumuli Graves at the Lower Danube, during the 5<sup>th</sup>-3<sup>rd</sup> centuries BC*
- 2008 - MA in Greek-Roman Antiquity and Archaeology, Bucharest University
- 2005 - BA in History, Bucharest University
- Certificate in Magnetometry Applications for Archaeology – Centre for Professional Training in Culture, Romanian Ministry of Culture (2012)
- ESRI Certificates: ArcGIS 10 Desktop, ESRI Romania (Introduction, Tools and Functionality, Workflow and GIS Analyses) - 2010; Going Places with Spatial Analysis, ESRI International - 2016
- Intensive Program Total Quality Cultural Heritage Management, Technical University of Tomar Portugal (2005)
- Certificate in Advanced English language, Cambridge University, 1999

## Positions held and research projects

- **Since 2015 – Curator IA– National Museum of Eastern Carpathians, Sfântu Gheorghe:** Exploration of Dacian period sites; cataloguing and exhibiting second Iron Age artefacts; Developer and creator of the Digital Atlas of Iron Age Sites in Eastern Transylvania [www.ironageatlas.net4u.ro](http://www.ironageatlas.net4u.ro);
- **2014-2017 Scientific researcher III - Romanian Academy Institute of Archaeology Vasile Pârvan Bucharest:** Partner coordinator in PN-II-PT-PCCA-2013-4-0759 - *Interdisciplinary technology for archaeological field survey. Case Study – Limes Transalutanus south of Argeş River*; GIS application coordinator; developing photogrammetry workflows for UAV modules (creation of high-resolution DSM)
- **2013-2016 - Scientific researcher III - Institute of Archaeology and Art History, Cluj-Napoca:** Member in - PN-II-ID-PCE-2012-4-020- *Living in the Bronze Age Tell Settlements. A Study of Settlement Archaeology at the Eastern Frontier of the Carpathian Basin* (responsible for interdisciplinary data integration – remote sensing, landscape analysis, geophysics)
- **2014-2015 – Romanian Academy Institute of Archaeology and Art History, Cluj-Napoca:** Director of a Post-doctoral grant - *Landscapes of Power in 2<sup>nd</sup> c. BC-1<sup>st</sup> c. AD South-Eastern Transylvania* POSDRU 159/1.5/S/137832
- **2013 - Scientific researcher Vector Studio Bucharest:** creator of multimedia materials for Museum exhibitions to be presented through video installations: National Museum of the Eastern Carpathians, Antipa Natural History Museum and Zalau History Museum
- **2004-2013 – scientific researcher - Digital Domain Bucharest:**
  - Field Archaeologist: main excavations in: Telița Celic Dere (Tulcea) – settlement and necropolis 6<sup>th</sup>-3<sup>rd</sup> c. BC (2005-2015), Pietroasa Mică Gruiu-Dării Buzău Terrace 1 – settlement and cult place (1<sup>st</sup> c. BC-1<sup>st</sup> c. AD) (2005-2009); Cârломănești Buzău Terrace 1 – fortification, settlement (2<sup>nd</sup> -1<sup>st</sup> c. BC) (2005-2009); Capidava-V. Vlahcanara Constanța – Early Roman rural settlement (2006-2007).
  - Member in the teams working in Băile Figa, Bistrița (prehistoric salt exploitation) 2007-2016, Sutor Sălaj (Roman fort) 2007-2009; Șimleul Silvaniei (2008) (Dacian fortress); Piscul Crăsani Ialomița (dava) (2011-2013); Târcov Buzău (Dacian fortress) 2008-2013
  - Geophysics and topographic studies in tumuli for Univ. Aristotle Thessaloniki (2010) in Greece, Institute of Archeology Sofia (2006-2007) in Sboryanovo and State Univ. Chișinău in Stolniceni (2013-2014)

- Partner coordinator in PNII-Partnerships 91-010 - *Defensive Strategies and Cross Border Policies. Integration of the Lower Danube Area in the Roman Civilization (2007–2010)*;
- Project member in PNII-Partnership 91-027 - *Major Historical Periods of the Ancient History of the Buzau Valley (2007-2010)*; - 2008-2009 - Mapping and Interactive GIS web database development - Archaeological & Historical Heritage of the Buzau County, Romania – for the use of the local department in charge with the heritage management and protection;
- 2004 – 2008 - Field Mapping and GIS integration of the archaeological excavations undertaken on the route of the future highway *Transylvania*; communicating with more than 10 different archaeological teams and with various representatives of the constructors;

### Lecturing:

- 2011 - Lector in [Digital Archaeology](#), Centre for Professional Training in Culture. Ministry of Culture;
- 2013, 2014 - GIS & Maps in Archaeology for Doctoral Students, Dacica Foundation
- 2013 - Coordinator of Erasmus Praktike Program, supervising doctoral students from Aristotle University Thessaloniki coming to Digital Domain for training in interdisciplinary archaeology

### Research Stages & Bursaries:

- 03-09/2010 - Invited researcher at Aristotle University, Thessaloniki, Faculty of Philosophy, School of History and Archaeology - topic – *Comparison between Macedonian and Thracian Tumuli Graves*
- 2008-2011 - Governmental PhD scholarship financed through POSDRU project 6/1.5/S/12 - The Doctoral School of History, Bucharest University;
- Research stage in Museums of Archaeology in Bulgaria: Varna and Dobrich (03/2009), Vratsa and Montana (03/2008), Institute of Archaeology with Museum Sofia (11/2007);
- Bursary from the Romanian Cultural Institute for research stage in Wien (2008);
- Humboldt Kolleg Bursary Conference (2009);
- Bursary from Greek Ministry of Culture for participation at the 10th International Congress of Thracology, Greece (2005).

- since 2005 - I presented over 30 papers in **International conferences** including those organized by UISPP, EAA, CAA, Excellence Topoi Berlin Cluster, Humboldt Kolleg, Institute for Archaeology in Sofia, City of Vienna Archaeology-Cultural Heritage and New Technologies Conferences, COST networks, Thracology Congresses.

## Memberships and affiliations

- **Secretary of the 30<sup>th</sup> Commission of UISPP** Mortuary Practices in Prehistory and Protohistory (since 2012);
- founder & member in the Directory Board of the Thracology Association (since 2013)
- Member of the European Archaeologists Association (since 2005)

## Annex

### Representative Publications (selection)

#### Book

1. M. Ștefan, D. Ștefan, V. Cavruc 2012, ArheGIS. Arheologie digitală și spațială. Manual teoretic și exemple de aplicare / Digital & Landscape Archaeology. Theoretical Handbook and Practical Examples – Sfântu Gheorghe: Editura Istros a Muzeului Brăilei.

#### Studies in indexed journals

1. **M. Ștefan**, V. Sîrbu, D. Ștefan **2017**, Tumuli, Roads and Plots. Decoding the monumental funerary landscape of 4<sup>th</sup>-3<sup>rd</sup> centuries Kallatis. In *Journal of Ancient History and Archaeology*, 4, 1, 2017, p. 52-84
2. E.S. Teodor, **M. Ștefan**, A. Bădescu **2017**, **Systematic Field Survey on Limes Transalutanus. Săpata Case**. In *Journal of Ancient History and Archaeology*, 4, 2, 2017, p. 52-84
3. **M. Ștefan**, D. Ștefan, D. Buzea, **2015**, From sites to landscapes in late second Iron Age Eastern Transylvania, In *Ephemeris Napocensis*, XXV, 2015, p. 51-76.
4. **M. Ștefan**, D. Ștefan, D. Buzea **2015**, A New Fortified Site in the Archaeological Landscape of the 1st C. BC – 1st C. AD in the Area of Jigodin-Harghita in Eastern Transylvania. In *Istros*, XXI, 2015, p. 499-535.
5. V. Sîrbu, S. Matei, **M. Ștefan**, D. Ștefan, **2014**. The Geto-Dacian Cult Place from Pietroasa Mică-Gruuiu Dării, Buzău County (Romania). In *Musaios*, XIX, p. 343-371.
6. D. Ștefan, **M. Ștefan** **2016**, The drones are coming. What to choose? Low and medium altitude aerial archaeology on Limes Transalutanus. In *Journal of Ancient History and Archaeology*, 3, 2016, 2, p. 25-35.
7. E S. Teodor, **M. Ștefan** **2014**, Landscape archaeology along Limes Transalutanus. In *Journal of Ancient History and Archaeology*, 1, 3, 2014, p. 31-43.
8. V. Sîrbu, V., **M. Ștefan** **2010**, Images of Gendered Identities. North-Thracian Case 5<sup>th</sup>-3<sup>rd</sup> centuries BC. In *Istros*, XVI, p. 235-65.
9. **M. Ștefan** **2009**, Exploring Second Iron Age Landscapes. Case Study the Necropolis from Zimnicea, Teleorman County. In *Mousaios*, XIV, p. 87-206.

#### Chapters in Books published at recognized publishing houses

1. **M. Ștefan**, V. Sîrbu **2016**, Early-Hellenistic Barrel-Vaulted Tombs from Kallatis, F. Coimbra, D. Delfino (eds.) *The emergence of warrior societies and its economic, social and environmental consequences - Proceedings of the UISPP Congress in Burgos 2014*, BAR, Archaeopress, p. 211-221.

2. **M. Ștefan, D. Ștefan 2016**, Modelarea și reconstrucția tridimensională a structurilor arheologice realizate din seturi de date și imagini aeriene, *Arheologia peisajului și frontiera romană*, in E.S. Teodor (ed.), Târgoviște: Cetatea de scaun, p. 255-270.
3. **M. Ștefan, D. Ștefan 2014**, Alternative Explorations of Linear Fortifications <Trajan's Vallum> from Șuțești, In *Fortifications on the Left Bank of the Lower Danube*, V. Sîrbu, C. Croitoru (eds), Cluj-Napoca: Mega, (dec.) 2014, p. 57-76.
4. V. Sîrbu, **M-M. Ștefan, D. Ștefan G. Jugănar, T. Bochnak 2013**, The Necropolis from Telița-Celic Dere (6th – 3rd C. Bc), Tulcea County, Romania - The Study Case of Tumulus T44 . In *Proceedings of the 12<sup>th</sup> Congress of Thracology*, V. Sîrbu (ed.) Buzău, Istros, p. 347-72.
5. V. Sîrbu, **M. Ștefan, 2012**, Gender studies in East-European Archaeology. Introducing a Conference, in V. Sîrbu, S. Matei (eds.) *Proceedings of the 13th Colloquium of Funerary Archaeology Sărata Monteoru October 2012. Bronze and Iron Ages Graves from Eurasia; Gender between Archaeology and Anthropology*, 2012, p. 13-25.
6. **M. Ștefan 2011**, Landscape Reconsideration of the Use of Funerary Space in the Second Iron Age of the Lower Danube. In V. Nikolov, K. Bacvarov, H. Popov (eds.) *Proceedings of the Humboldt Kolleg Interdisziplinäre Forschungen zum Kulturerbe auf der Balkanhalbinsel*, Humboldt Union Sofia, 2011.
7. **M. Ștefan 2011**, Morphological features of North-Thracian tumuli graves (5<sup>th</sup>-3<sup>rd</sup> centuries BC). In D. Măgureanu, D. Măndescu, S. Matei (eds.), *Archaeology: making of and practice. Studies in honor of Mircea Babeș at his 70th anniversary*, Pitești: Ordessos, p. 271-80.
8. **M. Ștefan, D. Ștefan 2012**, The Digital Survey of the „Fundu Peșterii” Rock Art Monument. A Challenge. In V. Sîrbu, S. Matei (eds.), *Un monument des Carpates Orientales avec des représentations de la Préhistoire et du Moyen Âge – Nucș - « Fundu Peșterii », département de Buzău*, Brăila-Buzău: Ed. Istros, p. 19-43.
9. **M. Dușescu/Ștefan, Ștefan, D. 2008**, Reconstructing Identities from Quantified Burial Practices. A Few Considerations Regarding the North-Thracian Funerary Inventories Found in Tumuli Graves (5<sup>th</sup>–3<sup>rd</sup> centuries BC). In V. Sîrbu, D. L. Vaida (eds.) *Funerary Practices of the Bronze and Iron Ages in Central and South-Eastern Europe. Proceedings of the 8th International Colloquium of Funerary Archaeology, Bistrița, 9th-11th May, 2008*, Cluj-Napoca: Mega, p. 67-82.

#### **Other publications**

1. **M. Ștefan, D. Ștefan, D. Buzea, 2015**, Studii de arheologie aeriană în situri dacice din sud-estul Transilvaniei, *Angustia*, 19, 2015, p. 133-162
2. V Sîrbu, MM Ștefan, D. Ștefan, T. Bochnak, Telița-Celic Dere, kompleks osadniczy z VI–III w. p.n.e. w północnej Dobrudży. Wyniki badań rumuńsko-polskiej misji archeologicznej

za lata 2008–2015, In *Materiały i Sprawozdania Rzeszowskiego Ośrodka Archeologicznego*, XXXVI, p. 269–284.

3. V. Sîrbu, D. Ştefan, **M. Duţescu 2008**, Teliţa-Celic Dere, Tulcea County. Landscape Studies. In V. Sîrbu & R. Ştefănescu (eds.) *Funerary Practices in Central and Eastern Europe (10th c. BC – 3rd c. AD) - Proceedings of the 10th International Colloquium of Funerary Archaeology*. Tulcea, 10th – 12th of October 2008, Braila-Braşov, p. 201-14.
4. D. Ştefan, **M. Duţescu 2008**, The Necropolis in the Forest between the Village of Sveshtari and Isperih. Developing a GIS Database for Scientific and Administrative Uses of the Sboryanovo area. In *In Honorem Maria Chichicova*, Sofia, p. 284-6.

### **Archaeological Reports**

Co-author of more than 30 archaeological reports (since 2004) published in the Romanian Chronicle of Archaeological Excavations edited by Cimec

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