



**FIELD ARCHAEOLOGY. EXCAVATIONS AND SURVEYS IN THE DIGITAL ERA: AN ASSESSMENT OF CUTTING EDGE TECHNIQUES FROM THE FIELD TO THE FINAL PUBLICATION, CONSERVATION AND VALORISATION**

**INSTRUCTOR: FRANÇOIS GILIGNY**

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**Start Date: March 8/03/2022- 12/03/2022**

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**TUESDAY 8/03/22: 16H30-20H30 CAIRO TIME (15H30 PARIS TIME)**

<https://pantheonsorbonne.zoom.us/rec/share/Bbwu0Hx22jMfwpDNVwZatBtHmcOJFEHvXEHyXOJA6PVZPLGllcEH6GPaOOnKenoK.VovIHbjKqeXhMli0>

Passcode: ReeHed8march@

**WEDNESDAY 9/03/22: 16H30-20H30 CAIRO TIME (15H30 PARIS TIME)**

<https://pantheonsorbonne.zoom.us/rec/share/zQpdRVTEqvRB5KDbvuSYtVcUPbGsC2ku0aPtMiULPBcpjsFzdZX-ELfdDoZld8k.FLKNbIZ9Hbdy6sph?startTime=1646836600000>

Passcode: DeGgsy.7

**THURSDAY 10/03/22: 16H30-20H30 CAIRO TIME (15H30 PARIS TIME)**

[https://pantheonsorbonne.zoom.us/rec/share/BNEP\\_HbQ\\_ZTKacGNFi2Oz5SxOaZUymlijVadpHbokutgjDWjdRyLluLViFDB0gG-.V86wFiowmZS-e9TR](https://pantheonsorbonne.zoom.us/rec/share/BNEP_HbQ_ZTKacGNFi2Oz5SxOaZUymlijVadpHbokutgjDWjdRyLluLViFDB0gG-.V86wFiowmZS-e9TR)

Passcode: wLqUV\$9B

**FRIDAY 11/03/22: 16H30-20H30 CAIRO TIME (15H30 PARIS TIME)**

[https://pantheonsorbonne.zoom.us/rec/share/CoGEANCLoRlaVreToqn-pQQWjXyCCHnCSG\\_xiBbXYniUhSfhfvexasztGI3uqNC.072CNUQOIk0z5QSE](https://pantheonsorbonne.zoom.us/rec/share/CoGEANCLoRlaVreToqn-pQQWjXyCCHnCSG_xiBbXYniUhSfhfvexasztGI3uqNC.072CNUQOIk0z5QSE)

Passcode: @qLWi4@@@

**SATURDAY 12/03/22: 16H30-20H30 CAIRO TIME (15H30 PARIS TIME)**

[https://pantheonsorbonne.zoom.us/rec/share/Q6NP3n8diHsoRont8LPjoDMLZBTVX3p37kft\\_5-D-CzII1ITIE-7QtzW9o0huNnE.rodv7RYjWqAL\\_uXU](https://pantheonsorbonne.zoom.us/rec/share/Q6NP3n8diHsoRont8LPjoDMLZBTVX3p37kft_5-D-CzII1ITIE-7QtzW9o0huNnE.rodv7RYjWqAL_uXU)

Passcode: AUI+9=D4

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**COURSE OVERVIEW**

The course is intended as a holistic approach to excavation and survey methods, strategies and logistics. Including an epistemological and historical review of the evolution of archaeological field methodologies, we will focus on the modern stratigraphic approach of the British tradition as the currently acknowledged correct one. The course will develop a series of lessons on principles of archaeological stratigraphy, excavation methods and procedures both on the retrieval steps of the process and in the study of materials, on site and in laboratories. Accordingly, we will explain flexible choices of excavation priorities and strategies adapted to the context and objectives of the excavator. Along with notions of geology, archaeometry and remote sensing, the course will include theoretical aspects and practical training on digital documentation, relational databases, photographic data, laser scanner, photogrammetry, drones, and total station. The training will proceed with an overview and training in cad software (open access and licenced, like Open office, QGIS and autocad), online collaborative post excavation researches, geographical information systems. Delivery strategies for the dissemination in academic contexts and to the general public will be discussed in detail.

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## GOALS AND OBJECTIVES

The participants will leave this class with an understanding of the main methods, strategies and imperatives of field archaeology in a flexible and innovative way. Each student will have the opportunity to engage in cutting edge theoretical and practical challenges of current practices within multifaceted research agendas. Excavation methods adapted to the digital age and applied technologies in archaeology will enhance the students' potential to conceive, plan, and deliver a high standard excavation or survey along with a maximum disclosure to both an academic and general public.

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## TEXTS

Archaeological Site Manual, Museum of London. Department of Urban Archaeology, Museum of London, 1990

BARKER P. — Techniques of Archaeological Excavation. London, Batsford, 1977 (Routledge 3e ed. 1993).

DALY P., EVANS T. L. (ed.) — Digital Archaeology: Bridging Method and Theory. London, Routledge, 2006.

Gamble C., 2007. Archaeology: The Basics (3rd Edition 2015), London, Routledge DOI <https://doi-org.ezpaarse.univ-paris1.fr/10.4324/9780203007709>

HARRIS Edward C., Principles of Archaeological Stratigraphy, 1989.  
[http://www.harrismatrix.com/book/Principles\\_of\\_Archaeological\\_Stratigraphy.pdf](http://www.harrismatrix.com/book/Principles_of_Archaeological_Stratigraphy.pdf)

WHITE G., KING T. F., The archaeological Survey Manual, London, 2007

DAVID B., J. THOMAS (eds), Handbook of Landscape Archaeology, 2008.

GRANT J., GORIN S. & FLEMING N., 2008. The Archaeology Coursebook, Routledge, London & New York (3rd ed.).

ROSKAM S. – Excavation. 2001. Cambridge, Cambridge University Press  
TASSIE, G. J. & OWENS, L. S. 2010. Standards of Archaeological Excavation: A Field guide to the Excavation Methodology, Recording Techniques and Conventions. London: ECHO Publications and Golden House Publications

*Additional readings:* Additional readings and material on the sub-subjects of the course will be provided by the tutors.

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## COURSE REQUIREMENTS

The course grade will be based on the following elements:

	Points
Exams	20
Reading Checks	20

Participation	20
Attendance	20
assignments	20
TOTAL	0/100

**EXAMS:** online multiple-choice modules

**READING CHECKS:** reports on reading of teaching material

**PARTICIPATION:** the course will be held in an interactive, collaborative basis.

**ATTENDANCE:** obligatory

**ASSIGNMENTS:** the students will conduct small assignments regarding possible scenarios of archaeological research using Egyptian case studies

The UP1 reserves the right to make any changes to accommodate class progress.

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## **ADDITIONAL REQUIREMENTS**

### **IT HARDWARE AND SOFTWARE**

Every participant should provide a personal computer with a broadband internet connection in order to attend the classes online. Minimum requirements of the computer should meet the needs recommended for Autocad 2018 (free to use in the student's version) and QGIS 3.1 and later.

### **LANGUAGE**

All activities will be held in English. A B2 level is required for a profitable experience.

### **EXAMS AND ASSIGNMENTS**

All evaluation activities are mandatory and necessary to a correct monitoring of the class progress.

### **ACCESS TO THE COURSE**

A complete list of attendants with a brief curriculum and personal interests of particular necessities must be provided at least 4 weeks before the course start date.

## SCHEDULE

WK	TITLE	TOPIC	READING	ASSIGNMENT	CONTENT
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### TUESDAY 08/03

0	Introduction	Introduction to the Course: overview and objectives			
1	The excavation process	1.1. The process of archaeological excavation/research 1.2. Short history of field techniques: a critical assessment	Wheeler 1954, Schnapp 1996	Lecture of general interest in field methods	1.1. excavation process and strategies, project types and contexts 1.2. birth of context and methodic excavations
2	Stratigraphic and horizontal approach	2.1. The stratigraphic and horizontal excavation: theoretical and methodological imperatives 2.2. The stratigraphic excavation: the documentation of structures and layers and chronological synthesis	Roskam 2001, Tassie, G. J. & Owens, L. S. 2010, Browman D. L., Givens D. R., 1996.	Quiz : archaeological stratigraphy in 10 questions  Harris matrix exercise	horizontal versus vertical excavation  Importance of context documentation on an excavation  Context description : US/Fact/Structure system  Harris matrix system & the laws of archaeological stratigraphy

### WEDNESDAY 09/03

3	Study of context and artifacts	3.1. The excavation: type of excavation and flexible strategies in regard of the site/context 3.2. The study and conservation of artefacts/ecofacts	Harris 1989, Roskam 2001	Quiz : preventive conservation of artifacts in 10 questions	c. geoarchaeological context and nature of archaeological sites  d. excavation strategies and goals: underwater, urban, open air, cave sites, mines and quarries  The documentation and archives management of archaeological collections and geosamples
4	Survey and Palaeoenviroennement	4.1. The archaeological survey, extensive and intensive, the archaeological diagnostic, landscape archaeology 4.2. palaeoenviroennement study : sampling and strategies	Clark 1996, Corsi et al. 2013, Scollar et al. 1990	Quiz : archaeological survey	41. How to manage a survey and combine methods adapted to the field  Basic knowledge on Geophysic methods and applications ; Aerial methods : from plane to drone  Archaeological diagnostic : aims and methods  42. initiation to strategies, methods and techniques of palaeoenviroennement documentation and sampling on archaeological sites : main approaches and case studies

### THURSDAY 08/03

5	Excavation management	5.1. The excavation as a "construction site": project management, budget, logistics, security measures, motivational, scientific & excavation team	Tassie & Owens 2010 ; Perrin et al. 2014	EG case study :	Constitution of the scientific team, definition of excavation/post-excavation tasks and research fields  Project management strategies : budget, logistics and security, human resources  Methods of site georeferencing (total station and GPS)
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6	3D acquisition and process	6.1. 3D History 6.2 needs and aims 6.3 acquisition methods and techniques 6.4 applications 6;5 examples of projects	Cowley & Opitz 2013, Frischer & Dakouri-Hild 2008, Remondino 2011, Remondino & Campana 2014 Mickleburgh et al.	Manipulation of 3D models of portals	Methods of site georeferencing (total station and GPS) How to register 2D/3D excavation layers and structures Principles of photogrammetry and lasergrammetry applied to the field and planimetric shapes
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#### FRIDAY 11/03

7	Digital archives and analysis: databases and GIS	7.1. Information system, digital Relational databases in the field and related software, open access databases 7.2. CAD and GIS: field and post-excavation use of IT software	Daly & Evans 2006 Connolly & Lake 2006, Wheatley & Gillings 2002	Quiz : archaeological information system in 10 questions	What is an archaeological information system How to build and use a Database Initiation to GIS and CAD applied to excavation documentation
8	Reports and publication	8.1. Publication strategies 8.2 Archaeological preliminary reports (classic and online) 8.3. Final publication, monographs and peer review papers	Derudas et al. 2021 ; Hodder 1989 ; Opitz 2018 ;	Lecture of archaeological reports online Analysis of publication means for some countries (Fr, Eg, It, Gr) and main archaeological journals	Publication strategies and choices : what should be published in extenso or as abstract or partially ; Publication process (monography) : from the report to the final publication Contents of preliminary reports

#### SATURDAY 12/03

9	Mediation and valorization 1	9.1. Valorization strategies 9.2 Communication during the excavation: Blogs and social networks, Media connections 9.3. Exhibitions, social events, engaging with the public in situ	Meriman 2004 ; Clack & Brittain 2007 ; Stone & Molyneaux 1994 ; Perry & Beale 2015	Exploration of archaeological blogs/ academic blog Analysis of an exhibition case study with a grid	u. How to valorize the archaeological results : aims, means and media, communication strategies and media Public archaeology : how to involve the public
10	Mediation and valorization 2	10.1 Conservation issues and site future 10.2 Virtual reality/augmented reality	Barcello et al. 2000, Cameron & Kenderdin 2007, Forte 2010, Stanco 2011	Exploration of virtual heritage with virtual tools	v. preventive conservation methods of sites and monuments t. Virtual reconstruction aims and tools

### References

In red: compulsory readings send as PDF files

#### Lecture 1: The excavation process

DEMOULE J.-P., 2011. We still have to excavate – but not at any price, *Archaeological Dialogues* 18 (1), p. 5–10.

DEMOULE J.-P. 2012. Rescue Archaeology: A European View, *Annual Review of Anthropology*, 41, p. 611–26. Doi: 10.1146/annurev-anthro-092611-145854

SCHNAPP A. 1996. *The discover of the past*. London, British Museum Press.

WHEELER M. 2004. *Archaeology from the Earth*. Munshiram Manoharlal Publishers Pvt. Limited, 2004 (original ed. 1954).

WILLEMS W. 1998. Archaeology and Heritage Management in Europe: Trends and Developments. *European Journal of Archaeology*, 1(3), 293-311. doi:10.1179/eja.1998.1.3.293

Preventive archaeology organization in France: <https://www.inrap.fr/en/rescue-archaeology-preventive-archaeology-12003>

## Lecture 2: Stratigraphic and horizontal approach

BROWMAN D. L., GIVENS D. R., 1996. "Stratigraphic Excavation: The First "New Archaeology"", *American Anthropologist, New Series, Vol. 98, No. 1, p. 80-95* ; <http://www.jstor.org/stable/682955>

HELDAL T., BLOXAM E., 2008. QuarryScapes guide to ancient stone quarry landscapes: from documentation to statement of significance, Deliverable of the project EU FP6, INCO/MED 015416 [on line] [http://www.quarryscapes.no/text/Publications/QS\\_del11\\_wp9.pdf](http://www.quarryscapes.no/text/Publications/QS_del11_wp9.pdf)

MAY K. 2020. The Matrix: Connecting Time and Space in archaeological stratigraphic records and archives, *Internet Archaeology*, 55. <https://doi.org/10.11141/ia.55.8>

ROSKAM S. 2001. *Excavation*. Cambridge University Press (Cambridge manuals in archaeology).

SANDOVAL G. 2021. Single-Context Recording, Field Interpretation and Reflexivity: An Analysis of Primary Data In Context Sheets, *Journal of Field Archaeology*, Volume 46, 2021 - Issue 7, p. 496-512. <https://doi.org/10.1080/00934690.2021.1926700>

TASSIE, G. J. & OWENS, L. S. 2010. *Standards of Archaeological Excavation: A Field guide to the Excavation Methodology, Recording Techniques and Conventions*. London: ECHO Publications and Golden House Publications.

TASSIE G. J., 2015. Single-Context Recording in the Context of Archaeological Fieldwork in Egypt: Part One., In: *The Management of Egypt's Cultural Heritage, Vol. 2., London, ECHO and Golden House, pp.175-184.*

## Lecture 3: Study of context and artifacts

ABD-EL-MAGUID M. M., 2012. Underwater Archaeology in Egypt and the Protection of its Underwater Cultural Heritage, *Journal of Maritime Archaeology*, 7, p. 193–207. <https://doi.org/10.1007/s11457-012-9098-5>

HARRIS E. C. 1989. *Principles of Archaeological Stratigraphy*, Academic Press, London. <http://harrismatrix.com/>

MICHEL J. & CHARLIER P., 2011. France, In: MARQUEZ-GRANT N., & FIBIGER L., 2011. *The Routledge Handbook of Archaeological Human Remains and Legislation*, p. 151-162.

ROSKAM S. (ed.) 2000. *Interpreting Stratigraphy: Site evaluation, recording procedures and stratigraphic analysis*, (BAR S910), Archaeopress, Oxford, 256 p.

RUBINA R., SINDBÆK S. M., 2020. Urban Archaeology: A New Agenda – Editorial, *Journal of urban archaeology*, pp. 9-13 <https://doi.org/10.1484/J.JUA.5.120906>

SOULIER P., 2019. « Dessins, photos, fichiers, cartes ou graphiques », *Techniques & Culture [En ligne]*, Suppléments au n°71, mis en ligne le 13 septembre 2019 <http://journals.openedition.org/tc/11137>

Coll. 2012. *Guidelines on the care of archaeological finds for archaeologists*, National Museum of Iceland.

DAIRE M.Y., DUPONT C., BAUDRY A., BILLARD C., LARGE J.M., LESPEZ L., NORMAND E., SCARRE C. (eds.), 2013 - HOMER2011. " Ancient maritime communities and the relationship between people and environment along the European Atlantic coasts " *British Archaeological Reports, BAR S2570*, 672 p.

## Lecture 4: Survey and Palaeoenvironnement

CLARK, A. J., 1996. *Seeing Beneath the Soil: Prospecting Methods in Archaeology* (New Edition). Revised Edition. B. T. Batsford Ltd., London. 192 p.

CORSI C., SLAPSAK B., VERMEULEN F. (eds), 2013. Good Practice in Archaeological Diagnostics, Non-invasive Survey of Complex Archaeological Sites, Springer, New York (ISBN 978-3-319-01783).

JONES M. 2003. The Concept of Cultural Landscape: Discourse and Narratives. In *Landscape Interfaces: Cultural Heritage in Changing Landscapes* H. Palang and G. Fry (eds) Netherlands: Kluwer Academic Publishers, pp. 21-51.

SCOLLAR I., TABBAGH A., HESSE A., HERZOG I., 1990. Archaeological Prospecting and Remote Sensing. Cambridge University Press, Cambridge, 674 p. (ISBN 0 521 32050 X.)

WHITE G. G., KING T. F., 2016. *The archaeological survey manual*, Taylor & Francis, New York.

DAVID A., LINFORD N. & LINFORD P., 2008. *Geophysical Survey in Archaeological Field Evaluation*, English Heritage.

CAMPBELL G., MOFFETT L., STRAKER V. et coll. 2011. *Environmental Archaeology. A Guide to the Theory and Practice of Methods, from Sampling and Recovery to Post-excavation*, English Heritage, London.

## Lecture 5 : Excavation management

TASSIE, G. J. & OWENS, L. S. 2010. Standards of Archaeological Excavation: A Field guide to the Excavation Methodology, Recording Techniques and Conventions. London: ECHO Publications and Golden House Publications.

Coll. 2019. *Standards and Guidelines for Archaeological Projects in Worcestershire*

PERRIN K. et al., 2014. *A Standard and Guide to Best Practice for Archaeological Archiving in Europe*, Eac Guidelines 1, Europae Archaeologia Consilium, Namur.

RICHARDS, J.D., JAKOBSSON, U., NOVÁK, D., ŠTULAR, B. & WRIGHT, H. 2021 Digital Archiving in Archaeology: The State of the Art. Introduction, *Internet Archaeology* 58. <https://doi.org/10.11141/ia.58.23>

WRIGHT H. & RICHARDS J. D. 2018. Reflections on Collaborative Archaeology and Large-Scale Online Research Infrastructures, *Journal of Field Archaeology*, 43:sup1, S60-S67, DOI: [10.1080/00934690.2018.1511960](https://doi.org/10.1080/00934690.2018.1511960)

## Lecture 6: 3D acquisition and process

DALY P., EVANS T. L. (ed.) — Digital Archaeology: Bridging Method and Theory. London, Routledge, 2006.

COWLEY, D. et S. OPITZ, R., 2013. Interpreting Archaeological Topography: lasers, 3D data, observation, visualisation and applications. Oxbow Books, 288 p. 978-1842175163.

DER MANUELIAN, PETER. 2013. "GIZA 3D: Digital Archaeology And Scholarly Access To The Giza Pyramids: The Giza Project At Harvard University." In *Proceedings Of Digital Heritage 2013 (Digital Heritage ,International Congress)*, Marseille, France, October 28 – November, 1, 2013, Vol. 2: p. 727-734. Institute Of Electrical And Electronics, Engineers.

FORTE, M., DELL'UNTO N., ISSAVI J., ONSUREZ L., LERCA N., 2012, 3D Archaeology at Çatalhöyük, *International Journal of Heritage in the Digital Era*, 1 number 3 2012. p. 351-377.

FRISCHER, B. et DAKOURI-HILD A., (ed.), 2008. Beyond illustration: 2D and 3D digital technologies as tools for discovery in archaeology. British archaeological reports international series 1805. Oxford, Archaeopress, 192 p. 978-1407307213.

KVĚTINA P., UNGER J., VAVREČKA P., 2015. Presenting the invisible and unfathomable: Virtual museum and augmented reality of the Neolithic site in Bylany, Czech Republic, *Archeologické rozhledy LXVII–2015*, p. 3-22.

MICKLEBURGH HAYLEY L., NILSSON STUTZ L. & FOKKENS H., 2020. Digital Archaeology of Death and Burial. Using 3D Reconstruction, Visualization and Simulation to Frame Past Experience, in J. Hansson and J. Svensson (eds.), *Doing Digital Humanities. Concepts, Approaches, Cases*, Linnaeus University Press, Växjö. p. 121-145.

REMONDINO F. 2011. Heritage recording and 3D modeling with photogrammetry and 3D sensing. Remote sensing, [en ligne] <http://www.mdpi.com/2072-4292/3/6/1104>



REMONDINO F., CAMPANA S., 2014. 3D Modeling in Archaeology and Cultural Heritage –Theory and Best Practices, Oxford, Achaeopress (BAR International Series 2598).

## Lecture 7: Digital archives and analysis- databases & GIS

ANICHINI F., FABIANI F., GATTIGLIA G., GUALANDI M.L., 2012. A database for archaeological data recording and analysis, *MapPapers* 1en-II, p.21-38. doi:10.4456/MAPPA.2012.02.

CONOLLY J., LAKE M. 2006. Geographical Information Systems in Archaeology. Cambridge, Cambridge University Press, .

DALY P., EVANS T. L. (ed.) 2006. Digital Archaeology: Bridging Method and Theory. London, Routledge, 2006.

FORSTER M., WOODING J. P., CASSWELL C., 2019. *Dig Digital. Work Digital. Think Archive. Create Access. A guide to managing digital data generated from archaeological investigations*, Historic England, Chartered Institute for Archaeologists and Dig Ventures.

FORTE M., DANELON N., JOHNSTON D., MCCUSKER K., NEWTON E., MORELLI G., & CATANZARITI G. 2020. Vulci 3000 A Digital Challenge for the Interpretation of Etruscan and Roman Cities, in: *Digital Cities*. Edited by: Maurizio Forte and Helena Murteira, Oxford University Press, p. 13-41.

GATTIGLIA G., 2018. Databases in Archaeology, The Encyclopedia of Archaeological Sciences, <https://doi.org/10.1002/9781119188230.saseas0147>

WHEATLEY D., GILLINGS M. 2002. Spatial technology and archaeology. The archaeological applications of GIS, London, Taylor & Francis, 269 p.

TASSIE G. & HASSAN F., 2009. Sites and Monuments Records (SMRs) and Cultural Heritage Management, in F. A. Hassan, G. J. Tassie, A De Trafford, L. S. Owens & J. van Wetering (eds.) *Managing Egypt's Cultural Heritage*., Proceedings of the First Egyptian Cultural Heritage Organisation Conference on: Egyptian Cultural Heritage Management. London: Golde, p. 191-205.

PERRIN K. et al. 2014. *A standard and guide to best practice for archaeological archiving in Europe*, EAC Guidelines 1, Europae Archaeologia Consilium, Namur. [https://archaeologydataservice.ac.uk/arches/attach/The%20Standard%20and%20Guide%20to%20Best%20Practice%20in%20Archaeological%20Archiving%20in%20Europe/ARCHES\\_V1\\_GB.pdf](https://archaeologydataservice.ac.uk/arches/attach/The%20Standard%20and%20Guide%20to%20Best%20Practice%20in%20Archaeological%20Archiving%20in%20Europe/ARCHES_V1_GB.pdf)

ONISZCZUK A., TSANG C., BROWN D. H., NOVÁK D., de LANGHE K., 2021. *Guidance on selection in archaeological archiving*, EAC Guidelines 3, Europae Archaeologia Consilium, Namur. <https://www.europae-archaeologiae-consilium.org/eac-guidlines>

CHAMPION E., RAHAMAN H., 2020. SURVEY OF 3D DIGITAL HERITAGE REPOSITORIES AND PLATFORMS, *Virtual Archaeology Review*, 11(23), p. 1-15. <https://doi.org/10.4995/var.2020.13226>

## Lecture 8: Reports and publication

DERUDAS P., DELL'UNTO N., CALLIERI M. & APEL J. 2021. Sharing Archaeological Knowledge: The Interactive Reporting System, *Journal of Field Archaeology*, 46:5, 303-315, DOI: 10.1080/00934690.2021.1911132

GALLAY A., 1989. Logicism: a French view of archaeological theory founded in computational perspective, *Antiquity*, 63, n° 238, p. 27-39. doi: 10.1017/S0003598X00075554

HODDER, I. 1989. Writing archaeology: Site reports in context. *Antiquity*, 63(239), 268-274. <https://doi.org/10.1017/S0003598X00075980>

MARLET O, ZADORA-RIO E, BUARD P-Y, MARKHOFF B, RODIER X. 2019. The Archaeological Excavation Report of Rigny: An Example of an Interoperable Logicist Publication. *Heritage*, 2(1), p.761-773. <https://doi.org/10.3390/heritage2010049>

OPITZ R. 2018. Publishing Archaeological Excavations at the Digital Turn, *Journal of Field Archaeology*, 43 (sup1), S68-S82, <https://doi.org/10.1080/00934690.2018.1505409>



## Lecture 9: Mediation and valorization 1

coll. 1997. *Museum International* 4, No 196 (Vol XLIX, n° 4, 1997) Architecture et musée, UNESCO  
<https://unesdoc.unesco.org/ark:/48223/pf0000110863>

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<https://unesdoc.unesco.org/ark:/48223/pf0000112398>

CLACK T., BRITAIN M., 2007. *Archaeology and the Media*, LeafCoast Press, Walnut.

EGLOFF B. J., 2019. *Archaeological Heritage Conservation and Management*, Archaeopress Publishing, Oxford, 344 p.

GOB A., DROUGUET N., 2014. « Chapitre 8 - L'architecture des musées », dans : , *La muséologie. Histoire, développements, enjeux actuels*, sous la direction de Gob André, Drouguet Noémie. Paris, Armand Colin, p. 272-292. DOI : 10.3917/arco.droug.2014.01.0272. URL : <https://www.cairn.info/--page-272.htm>

HASSAN F.A., TASSIE G. J., DE TRAFFORD A., OWENS L. S., and VAN WETERING J., 2009. "Managing Egypt's Cultural Heritage: Proceedings of the First Egyptian Cultural Heritage Organisation Conference on: Egyptian Cultural Heritage Management, available at <http://www.e-c-h-o.org/pubchm.php>

KAJDA, K., MARX, A., WRIGHT, H., RICHARDS, J., MARCINIAK, A., ROSSENBACH, K., FRASE, I. 2018. Archaeology, Heritage, and Social Value: Public Perspectives on European Archaeology. *European Journal of Archaeology*, 21(1), 96-117. doi:10.1017/ea.2017.19 <https://www.cambridge.org/core/services/aop-cambridge-core/content/view/2BCF320928BF478120CDA6A9B58249B0/S1461957117000195a.pdf/archaeology-heritage-and-social-value-public-perspectives-on-european-archaeology.pdf>

MERRIMAN, N. (dir.). 2004. *Public Archaeology*. Londres, Routledge.

STONE, P. G. & MOLYNEAUX B. L. 1994. *The Presented Past. Heritage, Museums, Education*. London, Routledge.

MOSHENSKA G., 2017. *Key Concepts in Public Archaeology*, UCL Press, London.  
DOI:10.14324/111.9781911576419

NIXON T. 2021. *Preserving Archaeological Remains In Situ*, Museum Of London Archaeology Svc, London.

PERRY, S. & BEALE, N. 2015. "The Social Web and Archaeology's Restructuring: Impact, Exploitation, Disciplinary Change" *Open Archaeology*, vol. 1, no. 1, 2015. <https://doi.org/10.1515/opar-2015-0009>

Archaeology journals and ranking : <https://www.scimagojr.com/journalrank.php?category=3302>

WILLEMS W. 1998. Archaeology and Heritage Management in Europe: Trends and Developments. *European Journal of Archaeology*, 1(3), 293-311. doi:10.1179/eja.1998.1.3.293

Papers to read :

LORENZON M. & ZERMANI I., 2016. Common Ground: Community Archaeology in Egypt, Interaction Between Population and Cultural Heritage, *Journal of Community Archaeology & Heritage*, Vol. 3, Issue 3, p. 183-199. online: 15 Jul 2016 ; <https://doi.org/10.1080/20518196.2016.1207833>

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