

CURRICULUM VITAE

1. PERSONNEL INFORMATION

Name : ES-SADRA
First name : LAYLA
Current rank and function : - Full Professor
- Teaching - Researcher at the University Institute of African studies Euro-Mediterranean and Ibero-American, Mohamed V University in Rabat
Professional address : l'Institut Universitaire des Etudes Africaines Euro-Méditerranéennes et Ibéro-Américaines (ex : Institut Universitaire de la recherche Scientifique) ; avenue Allal El Fassi, Madinat al 'Irfane, Rabat.
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2. EDUCATION AND DIPLOMAS

Specialty : archaeology

- Full Professor since 2016.
- Qualified Professor since 2010.
- Assistant Professor since 2005.
- PhD in Archaeology and History in 2005. Mention: Excellent.
- PhD (Third cycle Doctorat) in archaeology in 1997. Mention: Excellent.
- B.A. degree major in archeology and minor in political sciences in 1994. Mention: Excellent.

3. RESEARCH TOPICS

Academic research on Volubilis peristyle houses and, in a later phase, research on the overall domestic architecture of this site, have guided our research on habitat and urban development in Morocco in ancient period. This research on domestic architecture in Volubilis, which covered in addition to Morocco, parallel examples in North Africa and the Mediterranean area, prompted us to initiate in 2008 a program on habitat and urbanism in Mauretania tingitana (Banasa, Lixus, Zilil and Thamusida). This programme has primarily affected the sites of Banasa and Lixus, and our research on habitat and urban planning now covers both the Mauretan period and the Roman period.

Our participation in 2005 in the excavations of Dhar d'Aseqfane (Qsar es-Sghir), one of the most important rural sites in Morocco excavated to date, and other rural sites between 2019 and 2023 ; in addition our contribution since 2008 to the elaboration of archaeological map of the Martil Valley, the Loukkos Basin, the Tahaddart and oued el Kebir basins, as well as the surveys of Tata-Akka- Guelmin-Assa region, have strengthened our speciality in land occupation and rural archaeology.

Our disciplinary field has been expanded by excavations and researchs on religious architecture and both funerary and military archaeology and architecture ; notably the new study of Sala Capitol, the excavation of the northwestern necropolis of the same site, the excavations of Azzouna es-Sghira (Qsar el-Kebir) and Ksirissi (Larache) *Tumuli*, the study of the megalithic tombe of Lixus, as well as excavations of both southwestern islamic and northwestern roman necropolis of Volubilis, in addition the excavations performed since 2021 on the military system of the Roman frontier in the south of Mauretania Tingitana province.

A monograph dedicated to the heritage of the Meknes-Tafilalt region and the works devoted to the architectural heritage and urban development of the cities of Rabat and Salé, reflect our interest in architectural heritage and urban development in ancient, Islamic and colonial eras.

4. PROFESSIONAL ASSOCIATIONS

- Founding member of the Association Friends of Volubilis.
- Member of the office of ICOM - Morocco (International Council of Museums).
- Member of the Moroccan Association for Historical Research.
- Member of *la Société d'Etudes du Maghreb Préhistorique, Antique et Médiéval (SEMPAM)*.
- Member of *la Société Marocaine d'Archéologie et du Patrimoine (SMAP)*.

5. ACTIVITIES

5.1. Publications

- « Sur le vocabulaire de l'architecture domestique : l'exemple de Volubilis », in *Actes du XVIIIe colloque international sur l'Africa romana, (Séville, décembre 2006)*, Sassari, 2008, p. 535-547.
- « Nouvelles données chronologiques sur l'urbanisme de Volubilis », in *Actes du XVIIIe colloque international sur l'Africa romana, (Séville, 15-17 décembre 2006)*, Sassari, 2008, p. 461-474.
- «El Valle del rio Martil en epoca preislamica e islamica. Primeros resultados de la carta archeologica (campana 2008)», *coleccion de monographias del Museo arqueologico de Tetuan (II)*, Cadiz, 2008, p. 313-349.

- «Actuacion arqueologica preventiva en el asentamiento punico, mauritano y medieval de Quitzan (Tetuan). Resultados preliminares», *coleccion de monografias del Museo arqueologico de Tetuan (II)*, Cadiz, 2008, p. 351-379.
- *Meknès –Tafilalt, collection histoire et patrimoine des régions du Maroc*, Rabat, 2009.
- «Lixus colonia a Claudio Cesare facta. Rapporto preliminare sulla missione archeologica morocco-italiana (2003-2004) », in *Tharros Felix 3*, Rome, 2009, p. 291-307.
- « Les espaces économiques dans les maisons de Volubilis », in *Actes du XVIII^e colloque international sur l'Africa romana, (Olbia, 11-14 décembre 2008)*, Sassari, 2010, p.593-604.
- « L'eau dans les maisons de Volubilis », in *Actes de la table ronde internationale sur les ressources en eau des cités et leurs territoires en Maurétanie tingitane (Banasa, Kouass, Lixus, Rhira, Sala, Tanger, Thamusida, Volubilis, Zilil), (Rabat, 27-28 février 2009)*, in press.
- « Les maisons à couloir médian de la Maurétanie tingitane », in *Actes du colloque international DE ROME A LA MAURETANIE TINGITANE, Hommage à la mémoire de Maurice LENOIR (Rabat, 25- 26 novembre 2010)*, in press.
- « Transformation du paysage urbain Volubilitain à l'époque antique », in *Actes du XIX^e colloque international sur l'Africa romana (Sassari, 16-19 décembre 2010)*, Sassari, 2012, p. 637- 354.
- « Pour un glossaire d'architecture et d'archéologie », *BAM*, XXII, 2012, p.3-19.
- « Y-a-il un habitat maurétanien à Volubilis » in *Actes du Premier Colloque sur le Patrimoine maure du Maroc Antique, sous thème « Pour une meilleure connaissance de l'histoire antique du Maroc », (Fès, 29- 31mars 2013)*, Fès, 2014, p.123- 136.
- « L'architecture en terre au Maroc antique : techniques et chronologie », in *Hommage à Joudia HASSAR-BENSLIMANE*, tome 1, Rabat, 2015, p.213- 229.
- « Les baies dans l'architecture antique de la Maurétanie tingitane : l'exemple de Volubilis », in *Actes du XX^e colloque international sur l'Africa romana (Alghero, 26-29 Septembre 2013)*, Sassari, 2015, p. 759- 771.
- « Nouvelle lecture du capitole de sala », *BAM*, XXIII, 2016, p.119-137.

- "التراث العمراني والتطور الحضري لمدينتي الرباط وسلا"، مدينة الرباط تاريخ، ذاكرة وتراث، الرباط ، 2016، ص.31-58.

- "سياسة الحماية الفرنسية و البحث الأثري بالمغرب"، الحماية : المفاهيم و الإشكاليات القانونية، الرباط، 2016، ص.137-142.

- "البحث العلمي في المغرب: علم الآثار نموذجاً"، البحث العلمي في المغرب نماذج و مقاربات، الرباط، 2016، ص. 51-57.

- « Occupation du bassin du Loukkos à l'époque maurétanienne », in *Actes du Colloque international la Maurétanie et le monde méditerranéen, (Tétouan, 24 au 26 novembre 2016)*, Tétouan, 2018, p. 220- 240.

- « La peinture murale en Maurétanie tingitane », in *Actes du 13^e Colloque de l'Association Internationale pour la Peinture murale antique (AIPMA), (université de Lausanne, 12 au 17 septembre 2016)*, Basel, 2018, p. 291-311.
- «The transformation of the Moroccan landscape in the early Islamic period » (poster), in *Qatar Foundation Annual Research Conference Proceeding*, Volume 2018.
- «The transformation of the Moroccan landscape in the early islamic period», The 5th annual Islamic Day” (*UCL Institute of archeology, 2 février 2019*), in *Qatar Foundation Annual Research Conference Proceeding*, volume 2019.
- «The transformation of the Moroccan landscape in the early islamic period», in *Qatar Foundation Annual Research Conference Proceeding*, volume 2018.
- « Transformation du paysage marocain au début de la période islamique. Campagnes de prospections: 2017-2018. Rapport préliminaire », *BAM*, XXIV, 2019, p.241-249.
- « Complément à la carte archéologique du Maroc antique Note sur un site antique à Moulay Bousselham », *BAM*, XXIV, 2019, p.257.
- « L’habitat au Maroc à l’époque antique », in *le Jardin des Hespérides. L’habitat du Maroc à travers les âges*, 10, 2019, p. 38-44.
- « Le quartier nord-est de Lixus : Résultats préliminaires », in *Colloque international sur le Patrimoine maure du Maroc antique « Le patrimoine antique du Maghreb : Des origines à la fin des Royaumes africains »*, (Fès, 7 au 9 mai 2015), Rabat, 2019, p. 405-416.
- « La Domus Augusta de Volubilis et le temple du culte impérial », *XXI^e colloque international sur l’Africa romana « L’epigrafia del Nord Africa : novità, riletture, nuove sintesi »*, (Tunis, 6-9, decembre 2018), *Epigrafia e antichità* , 45, Bologna, 2020, p. 275- 384.
- برنامج حفريات لكسوس: من المسح الجيوفيزيائي إلى التنقيب الأثري لمائدة المستديرة « الأبحاث الأثرية في تميمين موقع لكسوس » ، (لكسوس 2019).
- *Contribution à la carte archéologique du Maroc. Cartes : Asilah- Al-Mansla- Arba Ayacha-Khemis Beni Arous*, Rabat, 2020.
- « L’architecture en terre au Maroc à l’époque antique », in *Actes du II^e colloque international « Les savoir -faire autochtones dans le Maghreb et en Méditerranée occidentale de l’Antiquité aux époques modernes : originalité, mutations »*, (Tunis, 25-28, novembre 2021), Tunis, 2023, p. 597-616.
- « L’occupation antique des bassins de l’oued Tahaddart et l’oued El kébir », in *Actes du colloque international l’archéologie et patrimoines du Maroc rural*, (Rabat, 25-26 novembre 2019), in press.
- « L’occupation du bassin du Loukkos », in *Actes du colloque international l’archéologie et patrimoines du Maroc rural*, (Rabat, 25-26 novembre 2019), in press.
- « L’habitat rural au Maroc antique », in *Actes du colloque international l’archéologie et patrimoines du Maroc rural*, (Rabat, 25-26 novembre 2019), in press.
- « Programme prospection et fouilles archéologiques à Lixus : résultats préliminaires », in *Actes du colloque international « Spiritualité et religion en Afrique du Nord antique : des origines à l’occupation romaine »*, (Oujda, 10-12, mars 2022), in press.

- « Le quartier nord-est de Lixus », in *Actes du colloque international DE Volubilis à Mogador. Nouvelle données archéologiques et patrimoniales au Maroc*, (Essaouira, 17- 18 mars 2022), in press.
- « *Colonia Iulia Valentina Banasa* : Nouvelles données chronologiques et urbanistiques », *Actes du XXII^e colloque international sur l'Africa romana*, (Sufetula, 15- 19 décembre 2022), in press.
- « The conservation and management of *in situ* mosaics of Volubilis- Morocco » (Poster), in *XIV ICCM Conference « Conserving mosaic in a changing environment : challenges and opportunities*, (Plovdiv, 24-29 october 2022).
- « Habitat et urbanisme au Maroc à l'époque maurétanienne », in *Actes du Colloque International « L'habitat et l'urbanisation en Afrique du Nord avant l'occupation romaine »*, (Rabat, 27-29 avril, 2023), in press.

5.2. Publications Responsibilities

- Scientific committee member of the International Congress and Acts of Africa Romana.
- Scientific committee member of the International Congress Lived Ancient Religion in North Africa, (Carlos III University of Madrid, 19-21, February 2020).

5.3. Archeological field courses and supervision

2007-2008 : supervision of students of the Post University degree promozione e divulgazione della cultura classica-University of Catania (Italy): University Consortium of The Archmede of Syracuse in Chellah: **Archaeological excavations of Abu Al Hassan mausoleum.**

2012 : field internship supervision in Volubilis for students in the 2nd year of the bachelor's degree: pre-Islamic archaeology option of the National Institute of Archaeology and Heritage Sciences (INSAP).

2012- 2013 and 2017 : mentoring Moroccan trainees as part of the programme : **Archaeological excavations and surveys in Lixus.**

2013 : field internship supervision in Volubilis for the benefit of S.2 students of the fundamental cycle of the National Institute of Archaeology and Heritage Sciences (INSAP).

2015 : field internship in Volubilis for the benefit of S.4 students in the basic cycle and the first year of the Master of **History and Archaeology of the West Mediterranean** of the National Institute of Archaeology and Heritage Sciences (INSAP).

2015- 2019/2022-2023 : mentoring Moroccan and American trainees as part of the programme : **Archaeological surveys in the Loukkos Basin.**

2016 : field internship in Volubilis for the benefit of S.4 students in the basic cycle and the first year of Master **History and archaeology of the West Mediterranean** of the National Institute of Archaeology and Heritage Sciences (INSAP).

2017- 2019 : mentoring Moroccan and foreign trainees as part of the project: **Transformation of the Moroccan landscape in the Islamic era.**

6. EXCAVATIONS AND ARCHEOLOGICALS RESEARCHS

1991 : Participation in the archaeological excavations carried out by Jordan University at *RAJM El KOURSI* near Amman.

1995 : Participation in the archaeological excavations conducted by Jordan University and an American team at *TEL NEMRINE* in the Jourdan River Valley.

1998 : Participation in archaeological excavations conducted by the National Institute of Archaeology and Heritage Sciences, at the west of Tangier Gate in Volubilis.

2002-2003, 2005 and 2008 : Participation in archaeological excavations carried out under the CNRT-funded **Thematic Programme for Scientific Research Support (PROTARS)** at the east of the monumental district of Volubilis.

2003 : Participation in the archaeological excavations of verification at Volubilis west of the Tangier Gate, conducted by the National Institute of Archaeology and Heritage Sciences in collaboration with the University of Cagliari (Sardinia-Italy).

2004 : Participation in the archaeological excavations in Lixus of the International Moroccan-Italian Programme, in cooperation between the National Institute of Archaeology and Heritage Sciences, the Faculty of Arts and Human sciences - Hassan II University of Mohammedia and the University of Sassari (Sardinia).

2005 : Participation in Archaeological excavations at the site of Lattes near Montpellier-France.

2005 : Member of the **Emergency excavations of the Dhar d'Asefane site (Qsar es-Sghir)**, led by the National Institute of Archaeology and Heritage Sciences (INSAP) and funded by the National Society of Highways of Morocco.

2006-2007 : Member of the **Multidisciplinary prospecting and research program on the cultural heritage of the Moroccan pre-sahara (Tata-Akka- Goulmime) and (Sidi Ifni-Assa- Goulmime)**, led and funded by Mohamed V-Souissi University.

2006 -2007, 2015-2016 and 2020 : coordinator of **Excavations program in Volubilis : *Insulae* of Annus Maturus and North of the house of the fawns**, led and funded by Mohamed V-Souissi University.

2007- 2008 : Co-director of the International Maroco-Italian Program **Development of the archaeological site of Chellah: exploration, excavation and restoration.**

2008 : Member of the international Moroccan-Spanish program **Archaeological excavations and explorations in the Martil basin**, in cooperation between the National Institute of Archaeology and Heritage Sciences (INSAP), the University of Abdelmalek Assaâdi in Tetouan and the University of Cadiz.

2008-2011 : Coordinator of the project **Habitat and Urbanism in Mauretania tingitana (Lixus, Zilil, Thamusida, Banasa and volubilis)**, funded and led by Mohamed V Souissi University :

- 2009-2011 : director of the program **Habitat and Urbanism in Banasa.**

2008 and 2015 : Member of the **Survey program of Loukkos bassin**, as part of the the Thematic Programme for Support for Scientific Research (PROTARS) funded by the CNRT, and then by the National Institute of Archaeology and Heritage Sciences (INSAP).

2010- 2015 : Co-director of the international Moroccan-Italian program **Archaeological excavations and surveys in Lixus.**

2012-2013 and 2015 : Member of the **Excavations in the southern district of Volubilis**, led by the National Institute of Archaeology and Heritage Sciences (INSAP).

Since 2015 : Coordinator of the project **Land occupation and Urban Development in ancient Morocco** funded by the CNRST :

- **2017** : Co-director of the **Azzouna Es-Sghira Tumulus Excavations (Qsar el Kebir)**.
- **2016-2019, 2022-2023** : Co-director of **Survey program of Loukkos bassin**.
- **2016-2018 / 2022-2023** : Co-director of the program **Archaeological excavations and surveys in Lixus**.
- **2017/ 2020** : director of the program **Habitat and Urbanism in Banasa**.

2016 : Member of the **Excavation in the area of the ancient necropolis of Volubilis**, conducted by the National Institute of Archaeology and Heritage Sciences (INSAP).

Since 2016 : Member of the International Moroccan-American Program **To the Gardens of the Hesperides: Rural Archaeology of the Loukkos Valley (2016-2023)**, in cooperation between the National Institute of Archaeology and Heritage Sciences (INSAP) and the University of Tennessee.

2017-2019 : Member of the international program **Transformation of the Moroccan landscape in the Islamic period**, in cooperation between the National Institute of Archaeology and Heritage Sciences (INSAP) and University College London - Qatar (UCL- Qatar).

2018 : Member of the **Emergency excavations of the northwestern necropolis of Sala**, conducted by the National Institute of Archaeology and Heritage Sciences (INSAP).

2021-2023 : Member of the International Moroccan-polish Program **Tingitana Frontier Project** : le rôle des tours de guet romaines dans le système de défense de la ville antique de Volubilis entre le 1er et le 3ème siècle ap. J.-C. (Recherches sur le fonctionnement de la zone frontalière de la province romaine en Afrique).

2023 : Member of the **Emergency excavations of ksirissi Tumulus (Larache)**, conducted by the National Institute of Archaeology and Heritage Sciences (INSAP).

7. EXPERIENCE IN DEVELOPING PARTNERSHIPS

2006 : Contribution to the establishment of an agreement between IURS, INSAP, the Directorate of Cultural Heritage and the Archimedes University Consortium of Syracuse, for the development of the Chellah archaeological site.

2006 : Contribution to the establishment of a scientific and pedagogical convention between IURS and INSAP.

2010 : Contribution to the establishment of a framework agreement between UM5S and INSAP.

2010 : Contribution to the establishment of an agreement between UM5S, INSAP and the USS (Siena, Italy), for the realization of a project of archaeological excavations and surveys in Lixus.

2010 : Contribution to the establishment of a special agreement between UM5S and INSAP, aimed at the study of habitat and urban development at the Banasa, Lixus and Zilil sites.

2015 : Establishment of a project funding contract for Research and technological development in priority field between CNRST, the Ministry of Higher Education and IURS -UM5R in partnership with INSAP ; entitled : "**Land occupation and urban development in ancient Morocco**".

8. OTHER EXPERIENCES AND SKILLS

- Expert evaluator and scientific committee member of the National Center for Scientific and Technical Research (CNRST).