FROM THE FIRE TEMPLE TO THE MOSQUE: THE RELIGIOUS URBAN LANDSCAPE IN LATE ANTIQUE ĖRĀNŠAHR

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Article DOI: https://doi.org/10.18573/jlarc.128

Date Accepted: 27 April 2023

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Abstract:
This paper is an analysis of the change in urban spaces in the former Sasanian empire after the Arab-Muslim conquest. How events shaped the population’s life is reflected by how urban society shaped the spaces within the city. Paradigmatic of this is the case of religious spaces. In a syncretic empire such as the Sasanian Ērānšahr (224–650 CE), places of worship were not limited to fire altars and temples, there were also churches and synagogues as vital parts of the religious environment. According to the archaeological and historiographic attestations, religious spaces in Sasanian times were prevalent in a rural dimension. In 650 CE, the empire was turned upside down by the Arab-Muslim conquest and the transition period to a unified Islamic society is known as Islamisation. This event is often described as a rupture; however, it can be better represented as acculturation because of the cultural exchange taking place during the conversion and the elaboration of Islamic social institutions. One of the primary marks of this process includes constructing new religious urban spaces, the mosques both inside and outside city walls. Religious spaces marked both the territory and the identity of the people inhabiting it. However, crucial to the construction of mosques is a parallel shift of the religious space from a rural to an urban environment.

Keywords

Shape the space – Urban patterns

Space is fundamental in any form of communal life; space is fundamental in any exercise of power.

One of the most significant events that transformed the world during Late Antiquity was the Arab-Muslim conquest (c.638–650 CE). Key Byzantine territories in Western Asia and North Africa, and all of the Sasanian territories, went through a process of changing their ruling élites and their religion. Over the years, the substrate of the former Byzantine and Sasanian population converted to Islam, completing that process nowadays known as ‘Islamisation’. From a historical point of view, this event marked one of the key milestones in the passage from Late Antiquity to Medieval times. To better understand this process, this article will consider the religious urban spaces in the Sasanian empire and their transformation after the conquest. This is because a change of religion was likely to have been mirrored in the urban spaces shaped by their inhabitants’ needs.


Domiziana Rossi, “From the Fire Temple to the Mosque: The Religious Urban Landscape in Late-Antique Ērānšahr,” Journal for Late Antique Religion and Culture 17 (2023) 17-39; DOI: https://doi.org/10.18753/jlarc.128
Before starting this journey, however, some premises are due. The first methodological issue faced by scholars studying the former Sasanian territories (c.224–650 CE), or Ērānšahr, is the terminology, especially that inherent to toponyms. Present day Iran and Iraq constitute the ‘core’ of the Sasanian empire, a multi-cultural entity that stretched up to modern Turkmenistan [Figure 1].

This means that, when studying the Ērānšahr, many different regionalities must be taken into account, and terms such as ‘Iran’ comprehend a much broader reality. After the Arab-Muslim conquest and the consequent fall of the empire, this reality was even broader as, at the dawn of the ‘Ummayyad dynasty (c.661–750 CE), the new Caliphate occupied almost twice the area of the former Sasanian territories [Figure 2].
The existence of even more regionalities involved in this new political and religious entity, stressed out their differences in backgrounds, influences, and cultures. As Islam became the main religion of the newly converted populations unified under the same belief and central authority, the different and various regions started to identify themselves with this unifying religion.

The matters of ‘identity’ and ‘regionality’ are vital in unravelling cultural and religious entities during Late Antiquity and how they evolved to what is nowadays called ‘Medieval’. To achieve a piece of understanding on this topic, this paper will mainly focus on the cities of modern Iran and Iraq; however, some comparisons with Turkmenistan (i.e., Merv) and the Arabian Peninsula (Medina and Mecca) will be considered [Figure 3].

Since the archaeological data on urban spaces in Iraq and Iran is not sufficient, Merv has been included to supplement the information on Sasanian Ērānšahr. Mecca and Medina have been included as they constitute the core of the Islamic urban tradition and are vital in the understanding of the transition. Regional differences are obviously a matter of fact – for instance, Medina and Mecca’s urban environment was influenced by their dimension as ‘oases’. Another example is that the multi-culturalism of Merv was increased by its position at the fringes of the Sasanian empire. On one hand, the multi-millennial urbanistic history of Iraq substantiated a fertile soil for the development of the metropolis. On the other hand, the fact that Iran was the native region of the Sasanian dynasty played a vital role in the symbolic meaning behind some city foundations (e.g., Ardashir-Xwarrah and Bishapur).

Although the localised perspective usually prevails in comparative diachronic studies, it is the author’s opinion that social changes found in urban spaces are very difficult to understand without considering the broader picture. In the following study, urbanism had
been used to analyse social changes. This is because the urban landscape is the outcome of both social and institutional forces within an urban environment. The relationship between society and the urban environment is directly proportionate and mutually dependent: as societies shape their own urban spaces so the spaces themselves reflect the social organisation. This definition of ‘urban space’ reflects a manifestation of cultural identity that follows Bourdieu’s theory based on habitus, ‘a generative and structuring principle of both collective strategies and social practices; people use habitus to reproduce existing structures without being fully aware of how structures are in turn affected.’

Exploring the way in which people relate to the surrounding architecture is an approach used in different chronological and geographical contexts by archaeologists. Among others it is noteworthy to mention the ground-breaking *Architecture and Order* edited by Parker Pearson and Richards. This methodology will be applied here as urban spaces are dynamic aspects of urbanism. Therefore, a transition period such as the Arab-Muslim conquest (c.638–650 CE) should evidence a noticeable change in society. The conquest itself was a long process lasting for at least half a century and little by little the lifestyles and culture changed. Sasanian multiculturalism was maintained post-conquest with cultural exchanges still recognisable today, so transitions should be seen rather as metamorphoses and not as breakups. As we will see, transition based on a religious change is clearly visible through urban space.

To illustrate this change, it is useful to pragmatically classify urban spaces according to their main function – in this case, religious urban spaces. This classification must be flexible, as often in Antiquity many places had multiple functions. Among other instances, Fentress points out the sacral and practical functions of Roman porticos. Likewise, we will see how religious spaces in Sasanian times and after the Arab-Muslim conquest times are not limited to a sacred dimension.

Religious buildings and the concept of what is a sacred place constitute one of the most challenging categorisations of urban spaces. This is because the dimension of the sacred is ephemeral par excellence. The first step in tackling this challenge is to seek the criteria that characterised and shaped a particular place, space, landscape, or building to achieve the feature of being sacred. As we analyse a period characterised by a change of religion, distinguishing typologies of religious places and features of the religions is a must. For this reason, we will first examine religions and religious places during Sasanian times and then the evolution of Islamic religious loci.

**Sasanian religious spaces: from fire temples to synagogues**

The Ērānšahr stretched from the Fertile Crescent at the west to the fringes of Central Asia in the east. Within the Ērānšahr, minorities existed in ethnic, linguistic, and religious spheres. Even though Zoroastrianism predominated especially among the élites, there were also communities of Christians, both Nestorians and Monophysites, Manichaeans,
Buddhists, and significant Jewish populations. The Christians in Persia can be divided in those who emphasized two natures of Christ (divine and human), known as Nestorians, or the ‘East Syriac Church’, and those who denied the human nature of Christ, known as Monophysites, or ‘West Syriac Church’. Although our perception of religion in Sasanian times is often dominated by the persecutions mentioned in the Syriac, Armenian, and Jewish sources, and also in the mowbed Kerdīr’s bombastic words, recent scholarship has shown that relations between religions involved more subtle and complex interactions. For instance, east Syrian martyrologic literature emphasises the mowbeds rather than the nobility or the Šāhānšāh, i.e., the king of kings, as instigators of persecutions. It is possible to hypothesise that the religious conflicts were not a systematic intolerance intrinsic to the state of Ērānšahr but quite the opposite.

Another example of Ērānšahr as a multi-religious entity is that religious canons covered details of practices, rituals, and prohibitions in daily life. Also, funerary practices changed according to religion – at least that of the deceased’s family. Legal competence of criminal justice and property laws were instead reserved to the Sasanian monarchy. Moreover, for any further information on Zoroastrianism, see, among the others: Jacques Duchesne-Guillemin, La Religion de l’Iran Ancien (Paris: Presses Universitaires de France, 1962) and Mary Boyce, Textual sources for the study of Zoroastrianism (Manchester: Manchester University Press, 1984). On Ērānšahr as a multi-cultural state, see Richard Payne, A State of Mixture. Christians, Zoroastrians, and Iranian Political Culture in Late Antiquity (Oakland, California: University of California Press, 2016).


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the winter capital, Ctesiphon, was also the seat of an archbishop, and the territory counted numerous bishoprics, e.g., in Gondishapur and Karka de Ladan. Thus, in a syncretic empire such as the Ērānšahr, worship places were not limited to fire altars and temples. Churches and synagogues were also a vital part of the religious environment. The city of Merv (in today’s Turkmenistan) well depicted the syncretism of the Ērānšahr, as a ‘frontier city’ at the fringes of the empire. The proximity with the Indian subcontinent’s influence is evidenced by the presence of a Buddhist monastery in Merv’s southeast corner, which attracted the most attention in scholarship.

Literary and archaeological sources hint at the presence of Christianity here. For instance, bishops are attested from the third century onwards. Among the archaeological evidence, there is the known Kharoba-Koshk, i.e., a structure placed 15 km north of the medieval Sultan Kala, allegedly identified as a Christian church. Moreover, a Christian mould was discovered within a domestic context in the citadel. There is no archaeological evidence that can confirm the presence of a Manichaean Church or of the Jewish community, even though both are mentioned in literary sources.

Moving from the eastern borders, the Christian communities flourished within the whole Sasanian empire. Syrian sources, especially martyrlogies, provide ample evidence for Christian monasteries, churches, and shrines. Mar Mari was a Christian apostle, and possibly the first missionary in Persia. According to the tradition, Mar Mari alone would have built 365 churches and monasteries in ‘all the chief’s towns located above Seleucia and Ctesiphon’. East Syriac Churches’ dioceses in Nishapur and Coche are mentioned in sources as being active in 430 CE, although this is not archaeologically confirmed. However important the role of monasteries and churches was from a socio-economic point of view, there is no clear attestation of any Christian religious space inside the walls. Besides some folkloristic traditions such as Mar Mari’s, all recognisable places mentioned in sources are outside urban centres.


15 On the attestations, see Kaim and Kornacka, ‘Religious Landscape of the Ancient Merv Oasis,’ 59–63; Simpson, ‘Merv, an archaeological case-study from the northeastern frontier of the Sasanian Empire,’ 20.


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Another essential community in Sasanian Asorestan was the Jewish one, which was a vital witness of life in Sasanian cities thanks to the Talmud’s narrative. However, the diaspora brought Jews also at the east of Babylon, as far as Khuzistan and Fars. It is attested that many Jews used to live in Susa, and a Jewish village, called al-Yahudiyah, was located close by the city of Gayy. Archaeologically speaking, it is still an open question whether they had their own dwelling quarters. It is indeed true that archaeology of minorities is ephemeral, as the state does not invest money and workforce in the construction of big, lasting monuments.

Besides these two literary attestations on the Jewish community, some scholars conveyed that the main reason to believe in religious segregation is related to the different purity laws and the consequent logistics. Yet other scholars point out the similarities of purity laws of Rabbis and Zoroastrian priests, therefore denying any reason for ghettoization. Synagogues appeared to be owned by the community and surely there was such a building in Mahoza, a quarter of Veh-Ardashir. The synagogue was attended by the synagogue attendant, whose dwelling place was contained in the synagogue itself.

One among the other religions of the empire was Manicheism. This religion was founded by Mani, who started to preach during Ardashir’s reign (c.224–242) and died by order of the fourth Sasanian king, Bahram (c.274–6/7). Seeking proselytes on his travels and spreading his good teaching, he allegedly arrived in India. Characteristics of Mani’s religion were its syncretism and absolute dualism. Little is known of architectural features and even less on funerary tradition. One apparatus typical of Manichean rituals was the bema, a platform with five steps on which a Mani’s effigy was placed. Mani’s life seems to be focused on some cities of Asorestan and Khuzistan, so it seems plausible that Manichean communities grew in an urban environment. However, we still have little information on this religion and its spaces.

The ‘official religion’ practised in the Erānšahr was Zoroastrianism. An essential feature of many Zoroastrian holy places in the Iranian plateau was the closeness with mountains and water. About this particularity, in the Frawardīn and Zamyād Yašts the legendary Kavi Vishtaspa ‘sought space for order in tree and rock, who located space for order and rock’.

As far as we know, there were at least three hierarchical categories of

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22 Daryaee, The Rise and Fall of an Empire, 66.
23 See, for example, Rabbi Elman’s ground-breaking work, continued by his pupils – among others, Shai Secunda.
25 Talmud, Mas. Yoma 11a.
26 For further information see Iain Gardner and Samuel N. Lieu, Manichean Texts from the Roman Empire (Cambridge: Cambridge University Press, 2004).
27 Gardner and Lieu, Manichean Texts from the Roman Empire, 5-6.
28 Gardner and Lieu, Manichean Texts from the Roman Empire, 11.
29 Gardner and Lieu, Manichean Texts from the Roman Empire, 93.
fires, although not all the Zoroastrian rituals focused on the fire cult. Moreover, the priests carried out many different activities as confirmed by the clergy seals used in administrative sealings.

Currently, the debate concerning the fire temples is ongoing. Scholars disagree on the functional interpretation, architectural details, and the plan of some of the complexes found. This last debate is exemplified by the case of the so-called Palace of Shapur at Bishapur. However, surely fire-temples were not exclusively centred on fire-worshipping – even though foreign sources do underline the importance of fire, Zoroastrianism was not limited to this element. Zoroastrians also worshipped water as the source of life and recipient of offerings and libations.

A feature that seems to be common with all the known Zoroastrian fire-temples is their location outside the urban walls. Some examples are Palang Gerd (Kermanshah), and Mele Hairam (Turkemenistan). In the poem Vis and Ramin, it is mentioned an ātash kada located in the vicinity of one of the gates leading to Merv, and all the other known fire-temples are placed outside urban centres. Another instance are the three fire temples close by Gayy – i.e., Shahr Ardashir, Zarwād Ardashir, and Mihr Ardashir. Literary evidence seems to be confirming a Parthian origin of this rural dimension of fire-temples. In the Acts of Mār Māri, the pagan temple he destroyed is ‘located outside the city’.

We know only three instances of Zoroastrian temples located inside the walls [Figure 4]. Surely enough, the Takht-e Nishin within the walls of Ardashir-Xwarrah is among

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34 As it is attested by the Veshnavēh sanctuary, see Callieri, Architecture et Représentations dans l’Iran Sassanide, 199.
37 Callieri, Architecture et Représentations dans l’Iran Sassanide, 73. On the palace of Shapur, see Callieri, Architecture et Représentations dans l’Iran Sassanide, 50–1.
38 Some of the most intriguing mentions of fire temples can be found in John of Ephesus’ Life Ecclesiastic, see Ernest W. Brooks, trans., ‘Lives of the Eastern Saints,’ in Patrologia Orientalis 17, eds. René Graffin and François Nau (Paris: Firmin-Didot & Co., 1923), 39, reporting of ‘transportable’ fire temples left in the Sasanian camp when Romans won Narseh; forced building of fire temples into the churches of Christian Armenia as told by Lazar P‘arpec‘i, see Thomson, History of Lazar P‘arpec‘i, 96; and Armenians destroying fire temples during Kavadh’s reign according to Joshua the Stylite, see William Wright, The Chronicle of Joshua the Stylite composed in Syriac A.D. 507 (Cambridge: Cambridge University Press, 1882), 14; and so on.
39 Mary Boyce, ‘Āb i. The concept of water in ancient Iranian culture,’ in Encyclopædia Iranica, 1/1, (1982), 27.
those. The corners, built with huge blocks of dressed limestone in regular courses, are still remarkably well-preserved.  

Behind it, a depression is very well marked and presents three solid walls built with rubble masonry, which showed traces of a covering with saruj. Stein mentioned the two tanks reported by ibn al-Balkhī, Būm Pīr and Būm Jawān, respectively the old and young owl. [Figure 5]. This would also confirm different rituals, not only based on fire-worshipping.

Among other examples, the Bishapur building seems to be another attestation of Zoroastrianism within a Sasanian city’s walls. Istakhr seems to have had a temple dedicated to the goddess Anahid inside the walls. If the assumption of the dedication to Anahid of the Bishapur’s temple is correct, and we presume that the presence of water at the Takht-e Nishin would prove a closeness to this goodness as well, we have just three attestations of Zoroastrian intramural temples. However, all three temples are dedicated to Anahid rather than to the fire.

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45 Stein, ‘An Archaeological Tour in the Ancient Persis’, 120. The saruj had been identified during the survey the author carried out in 2015 at Firuzabad. See Domiziana Rossi, ‘La città storica di Ardashir-Xwarrah presso Firuzabad (Fars, Iran). Fonti e territorio’ (MA diss., University La Sapienza, 2016), table 18.

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The archaeological evidence hitherto found hints at the rurality of Zoroastrian centres, not connected to an urban environment [Figure 6]. A major question is why there was no central Zoroastrian temple in the capital or major urban centres. One of the reasons argued by Elman was that while temples in Ancient Mesopotamia were an urban phenomenon, Zoroastrianism descends from nomadic Indo-European religions.\textsuperscript{49} Ahura Mazda did not need a house like the Mesopotamian gods as according to the \textit{Gathas} he already had a house – in the House of Song.\textsuperscript{50} This particular feature could have been related both to the rural nature of elite society and also to the concept of purity in Zoroastrianism.\textsuperscript{51} Although the reasons behind this rural dimension of fire-temples are still unclear, they were probably connected with aristocracy (see, for instance, the site of Hajjiabad and Callieri’s hypothesised function),\textsuperscript{52} forming the basis for the social and economic power of the aristocratic houses.

\textsuperscript{50} Elman, ‘Why is there no Central Zoroastrian Temple? A thought experiment,’ 156–7.
\textsuperscript{51} Kennedy, ‘From Shahristan to Medina,’ 18.
\textsuperscript{52} Payne, \textit{A State of Mixture}, 48. For Callieri’s hypothesis, see Callieri, \textit{Architecture et Représentations dans l’Iran Sassanide}, 66, 118, 124.

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Islamic religious spaces

The first thing to be marked out in al-Kufah and that was subsequently erected, when they had finally decided to make a beginning with building, was the mosque. It was situated in what is now the market area of the soap manufacturers and date sellers. Its ground plan was traced out. Then a man stationed himself in the center of this ground plan. […] He shot (one arrow) to his right and ordered that anyone who wanted could start building for his own beyond where the arrow had landed. […] Thus they left a square for the mosque that the people could enter from all sides.

al-Ṭabarî

The proto-Islamic urbanism in the former Sasanian territories will be analysed following Donner’s assumption that the movement born by the prophet Muhammad’s predcations was initially an ecumenic openness embracing all the monotheisms. This is also confirmed by the inclusion of the Jewish community to the ‘Medina Constitutions’ where

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54 Fred Donner, Muhammad and the believers. At the origins of Islam (Cambridge, Massachusetts: Harvard University Press, 2010).

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various clans joined Mohammad’s monotheistic vision in his war effort against Mecca.\(^{55}\)

In fact, Simpson proposes a postponed chronology of many churches located nearby the Persian Gulf and west of Kerbela [Figure 7]. Previously thought to be from Sasanian times, Simpson dates them to the first centuries after the Arab-Muslim conquest.\(^{56}\)

"Figure 7"

However, all the archaeological evidence of churches found so far are not within urban walls. We can only hypothesise that synagogues were not destroyed, but we have no archaeological evidence of Jewish life after the conquest of the former Sasanian territory. It is indeed possible that the scale of public buildings may not be central enough, more suburban rather than urban, to have easily survived. What is certain is that the urban religious spaces were mainly dominated by the mosque. This is particularly true in the regions known as al-Jibal, al-Iraq, ‘Aqur, and Khorasan, which with the advent first of the ‘Umayyad and then the Abbasid dynasties were characterised by many cities and even metropolises [Figure 8].\(^{57}\)

However tolerant Islam was at the origins, when we think of ‘Islamic religious spaces’, we cannot but identify them with the mosque, or masjid. But what was the symbolic value associated with the masjid? Monneret de Villard referred to the mosque’s function as a ‘hybrid’. In his posthumous book, he argued that the political component of the mosque was key, as confirmed by its connection with the caliphal residence.\(^{58}\) In the proto-Islamic urbanism the mosque was often matching the dār al-imāra, i.e., the residence of either the central power’s representative, or the sovereign himself, and thus the seat of the statal


\(^{58}\) Ugo Monneret de Villard, Introduzione all’archeologia islamica (Venice: Istituto per la collaborazione culturale, 1966).

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The connection between the masjid/dār al-imāra has been analysed by Santi in her Ph.D. dissertation in three case studies, Medina, Anjar, and Kufa.\(^61\) The last two better fit a methodological approach joining literary sources to archaeological evidence. In the case of Medina, the amount of information by European traveller’s cartography and Islamic literary sources is such that it is possible to reconstruct the urbanistic evolution, from the origins to the ‘Umayyad period.\(^62\) Literary sources are our main source of data, as the archaeological evidence is even scarcer than for study of the Sasanian cases.

When analysing the buildings built in Medina during the early Islamic phase, it is immediately clear that the predominant character of this religion is urban. According to Santi’s reconstruction, the masjid had been strategically located.\(^63\) The city of Medina, characterised by disconnected agglomerations, was transformed into a more coherent urban reality. This was possible thanks to the Prophet’s redefinition of this oasis through new space policies connected to his religious and political authority. Moreover, the religious urban spaces hold new and powerful ritual and congregational meanings.\(^64\) The urbanistic programme meant a strong symbolism and its propaganda was a characteristic of Islam, even though this process was especially clear since ‘Umayyad times.\(^65\)

This redefinition of urban spaces as connected to religious places is exemplified by the polyfunctional masjid, the religious and administrative centre of the settlement.\(^66\)

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\(^59\) On the dār al-imāra and mosque I principally referred to Aila Santi’s doctoral thesis.

\(^60\) Santi, ‘Il rapporto fra moschea e Dār al-imāra nel periodo protoslamico.’

\(^61\) Santi, ‘Il rapporto fra moschea e Dār al-imāra nel periodo protoslamico.’

\(^62\) Santi, ‘Il rapporto fra moschea e Dār al-imāra nel periodo protoslamico,’ 44.

\(^63\) Santi, ‘Il rapporto fra moschea e Dār al-imāra nel periodo protoslamico,’ 105.

\(^64\) Santi, ‘Il rapporto fra moschea e Dār al-imāra nel periodo protoslamico,’ 117.


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before the construction of the first dār al-imāra in Kufa (c.17 H/638 CE), the mosque partly performed the relevant administrative and representative functions. The conceptual separation of secular and religious powers in two distinct buildings was not a characteristic of early Islam. The masjid was both a religious and administrative urban space as the whole community of believers (umma) was called to participate in political matters.

This merging of administrative and religious power in the urban life of the first Islamic cities is exemplified by the role of governors of the main two garrison cities in Iraq, Kufa and Basra. However the governor was called either 'Amir al Basrah or Amir al-Kufah, his responsibilities included maintaining law through the implementation of shari'ah, administering taxes and managing the treasure, carrying the role of imam by leading public prayers, delivering the khutbah, i.e., sermon, and organising the hajj, the holy pilgrimage. They also held the judicial government, until Caliph ‘Umar introduced the position of qadi, the judge.

On at least one occasion, Kufa’s governor al-Hajjāj distributed stipends in the masjids at Kufa in 694 CE. It is not to be overlooked the role of masjids as assembly places where tribal councils (majlis) survived with a religious component. This not-religious

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71 al-Sayyad, Cities and Caliphs, 68.
72 Morony, Iraq after the Muslim conquest, 60–1.
73 Morony, Iraq after the Muslim conquest, 83.
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feature is indeed vital, as it confirms that the function of masjids was not relegated to a religious one. This, together with the new urban dimension of mosques, contributed to creating a new meaning of urban spaces, changing after the Arab-Muslim conquest.

Following al-Sayyad, the first clear interpretation is that in nearly three centuries a considerable increase of urbanization characterised the territories of the dār al-Islam. By looking at our main literary source on the conquest, al-Ṭabarī, we found the first attestation of masjid building. At the time of the conquest, existing cult places were not used for Islamic worship. The first existing mosque in Iraq was established in 16H/637CE, after the conquest of the capital Ctesiphon when Sa’d ibn Abī Waqqās set up a minbar (i.e., pulpit) in the Iwan-e Kisra, symbolising the change of power. The earliest masjid at Basra was nothing but an open space in the centre of the city, enclosed by a fence of reeds and replaced three years later by mudbrick (c.17H/638 CE). The first building erected in Kufa was the masjid, which consisted in a reed roof structure with no walls, as ‘the whole square was meant for the people to congregate in, but in a way that they not stand packed.’ Over the passing of the seventh century, congregational mosques became monumental structures and acquired what will be traditional features like the maqsūrah, minaret, and miḥrāb.

During Uthman’s rule, the Fars governor left at Istakhr his deputy, i.e., Sharīk ibn al-A’war, who built the masjid in Istakhr. After re-examining literary sources, European travellers’ descriptions, and recent scholarship, the Iranian-Italian mission in 2012 excavated the ruins considered to be this mosque. Di Cesare and Ebanista’s paper concludes that ‘a definitive interpretation of the excavated structures and the identification of their use is still a long way off.’ It is certain that there was a mosque within the walls, but it is not clear if the building was built ex-novo, as suggested by al-Ṭabarī, or a fire temple was converted, as Herzfeld argued.

This appropriation achieved by converting pre-existing, either religious or secular, buildings in mosques is a well-attested process. Several cāhartāq were among them, especially in case of the little town as in large cities the mosque had to be bigger. After a few years, appropriating the religious building of earlier religions became common practice all around the dār al-Islam. In the Kākūyid Yazd (i.e., sixth/twelfth century), the congregational mosque was built after tearing down the main Zoroastrian ātash kada.

We can thus divide the building of mosques into two different typologies:

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74 Morony, Iraq after the Muslim conquest, 432, 503.
75 al-Sayyad, Cities and Caliphs, 3–4.
76 Morony, Iraq after the Muslim conquest, 432.
77 al-Ṭabarī, The History of al-Tabari, vol.13, 21, 23. See also Morony, Iraq after the Muslim conquest, 432.
78 Morony, Iraq after the Muslim conquest, 74.
80 Morony, Iraq after the Muslim conquest, 433.
85 al-Sayyad, Cities and Caliphs, 156.
1. Ex-novo building began with the conquest itself as an attempt to answer to the social need of having a place where to congregate and pray. As shown in the cases of Basra and Kufa, simple and temporary building material was used at first (e. g. reeds). Little by little, as the conquest proceeded towards the east, we can observe in the first settlement the shift to more permanent material. All these constructions were carried out in an urban environment.

2. Appropriation of pre-existing structures occurred through the conversion of structures. Although this might sound as if this process was aimed at erasing the former religions, the use of secular buildings had a more pragmatic reason. The first converted building, the Iwan-e Kisra, was likely chosen for two such reasons. First, its position was within the headquarters’ encampment, i.e., the White Palace. The occupation of the former Sasanian dynasty residence was the main symbolic act. The second pragmatic reason was the size of the Great Hall (43.50m deep by 25.50m wide). It was possibly the only place that could accommodate the host of the Arab-Muslim army. It probably also had very good acoustics due to the imponent parabolic vault, an important consideration for the call to prayer. The converted structures of the former Sasanian empire were mainly rural.

This division points to a well-recognisable pattern. Most of the converted structures were rural as most of the monumental Sasanian buildings, either residential or religious, were outside the city walls. The main change brought by the Arab-Muslim conquest was a progressive urbanization, with consequent abandonment of rural settlements. This is clearly visible by the expansion of some centres in al-Jibal, al-Iraq, ‘Aqur, and Khorasan. Unfortunately, the modern cities incorporated both the Sasanian and medieval cities, so that it is impossible to calculate the degree of expansion. However, a visual example is constituted by Merv – the Sasanian citadel, Gyaur Kala, was later used after the conquest. The increase of population was such that a new citadel, Sultan Kala, was then built to the west of the first one [Figure 10].

To conclude, a change of society might explain this process, because with all conquerors new social classes establish themselves. This new society, consisting partly of conquerors, settlers, and former inhabitant of the Sasanian empire, needed a new pole, an urban one. How did this social change take place? An important feature was related to the loss of power of the former aristocratic families, who lived in a rural environment and controlled both armies and agricultural production. The rural dimension of monumental religious buildings in the Sasanian period was possibly related to the links of the religious hierarchy and the aristocratic families. Another reason for the social change was partly connected to the new soldiers, and their entourages, arriving from Arabia during the conquest and settling themselves in newly founded garrison cities. These new customers needed supplies and luxury items for their new houses. This contributed to the development of trade, which was also due to an enlarged territory ruled by the Caliphs, this in turn incremented the flow of goods and money to the urban markets.

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Those two main socio-cultural reasons might be confirmed by the fact that the increased urbanisation occurred in other regions outside Fars, i.e., the cradle of the Sasanian dynasty. The main Sasanian cities, Ardashir-Xwarrah, Bishapur, and Istakhr lost their importance, and the new centres of economic and trade shifted to Siraf and Shiraz.\textsuperscript{89} On the other side, the establishment of the dār al-Islam’s core first in Damascus and then in Baghdad, changed the economic and commercial routes to al-Jibal, al-Iraq, and ‘Aqur, and Khorasan.

The re-use of religious spaces was thus mainly focalised into intramural buildings, not only because of the rural dimension of fire temples, but also because of this new urbanization process. Masjids were built \textit{ex novo} in newly founded settlements and former Sasanian towns because their raison d’être was in the urban environment, a new environment born after the Arab-Muslim conquest. New research and archaeological data on Sasanian urban spaces are much needed, so to increase our understanding of the transition process.

In this case, religious spaces have been used as a tool of analysis because the change of religion was the most apparent transformation after the conquest. For this reason, when the past scholarship tried to explain which were the features of an ‘Islamic city’, it pointed out the presence of mosques. However, a utilitarian approach will help us to better understand the urban spaces of the ‘Islamic cities’. The key for it is clued by Wheatley’s observation that ‘this is not to imply that the Middle Eastern city was everywhere the vehicle of a uniform lifestyle, but rather than it provided the framework within which diverse cultures to varying degrees absorbed and internalised the various duties of the

\textsuperscript{89} Donald S. Whitcomb, ‘Trade and Tradition in Medieval Southern Iran’ (Ph.D. diss., University of Chicago, 1979).

Domiziana Rossi, “From the Fire Temple to the Mosque: The Religious Urban Landscape in Late-Antique Ērānšahr,” \textit{Journal for Late Antique Religion and Culture} 17 (2023) 17-39; DOI: https://doi.org/10.18753/jlarc.128
Faith as expressed in the five pillars of Islam. All urban spaces are organised in function of the needs of an urban population, and the regional variabilities intertwine with the different backgrounds of the cities, their story, and the ethnicity of their population. There is no such a thing as ‘a recipe’, or a communal feature, except for the need for water infrastructure – water is important in Islamic rituals – and a big open space, large enough to allow men to pray together.

Acknowledgements
The author wishes to thank Dr Aila Santi. Without our conversations, and her invaluable PhD dissertation, this paper would not have existed. Another special thank is for Dr Eve MacDonald, who is patiently supporting me along my research, and the helpful suggestions of Prof Tim Insoll. Dr Filippo Comisi, and Dr Federica Duva helped during the editing process with their painstaking attention for details. I would like also to thank Habibeh Abbasi for her precious help, her photographic skills, and her company during the fieldwork I carried out at Firuzabad. Any shortcomings are my own.

Bibliography
A. List of illustrations

Figure 1: The Ērānšahr under the reign of Khosrow Parvez (c.590–680). During his reign, the empire reached the maximum extent. To the author’s knowledge, there is no Middle Persian list of regions coeval to Khosrow’s reign. For this reason, the names of the indicated regions are from both Shapur’s and Kertir’s inscriptions along the Ka’ba-ye Zardosht at Naqsh-e Rostam (both dated to the third century).

Courtesy of the author, Google Map image, modified

90 Wheatley, The Places where men pray together, 39.


Figure 2: ‘Umayyad Caliphate under the reign of al-Walid (c.674–715). During his reign, the empire reached the maximum extent. To the author’s knowledge, there is no such a list name of the regions written during the conquest. This map follows the toponyms given by al-Maqdisi’s Ahsan al-taqāsīm fi ma’refat al-aqālīm (c.946–1000) as he was one of the most prominent geographers of the dār al-Islam. The author just added the region called Andalusia, which was not under the Abbasid Caliphate during the 10th century. For this reason, Maqdisi labelled it together with North Africa under the name of al-Maghrib.

Courtesy of the author, Google Map image, modified

Figure 3: Location of the cities mentioned in the paper.

Courtesy of the author, Google Map image, modified

Figure 4: Location of the Takht-e Nishin within the city of Ardashir-Xwarrah.

Courtesy of the author, Google Map image, modified.

Figure 5: A depression at the east of the Takht-e Nishin, possibly where the two tanks described by ibn al-Balkhī were placed. In the background, the author, and the Takht-e Nishin.

Courtesy of Habibe Abbasi. Reproduced with permission of the photographer
Figure 6: Location of the most famous fire temples. Those indicated with a triangle are within the urban walls. The author is just pointing out the rural dimension of most of the fire-temples, as is shown by the little archaeological data we have. The real question behind is ‘what is a fire-temple’? However, this paper has not the presumption to answer this question. For this reason, just the certain fire-temples and not all the known cāhartāq in the map are labelled.

Courtesy of the author, Google Map image, modified

Figure 7: Location of most of the Christian sites mentioned by Simpson. It was not possible to find Qasr Serij, Tell Musafinah, Kharoba-Koshuk, and Ak-Beshim.

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Courtesy of the author, Google Map image, modified

Figure 9: Location of the cities of Kufa and Basra.

Courtesy of the author, Google Map image, modified

Figure 10: Location of Merv as inhabited during Hellenistic times, named Erk Kala (1), the enlarged settlement during Arsacid and Sasanian times, presently known as Gya’ur Kala (2), and the new citadel, Sultan Kala (3).

Courtesy of the author, Google Map image, modified

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