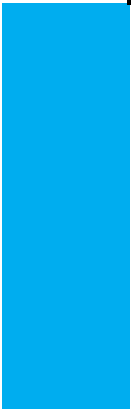


Graduation Plan

Master of Science Architecture, Urbanism & Building Sciences



Graduation Plan: All tracks

The graduation plan consists of at least the following data/segments:

Personal information	
Name	Priscilla Üncü
Student number	1520660 (wordt gebruikt voor koppeling met student file)
Telephone number	0031634365871
E-mail address	priscilla_uncu@hotmail.com
Studio	
Name / Theme	Explore lab
Teachers	Robert Nottrot & Wido Quist
Argumentation of choice of the studio	The topic I want to graduate in is not possible to do in the other studio's. I am driven by the beauty of the Byzantine churches in Istanbul and their bad condition. It is my aim to search for a solution to let them revive again in a respectful way whereby its history will be preserved. Explore lab is a perfect studio for this.
Graduation project	
Title of the graduation project	The revival of the Byzantine church Hagia Irene in Istanbul
Goal	
Location:	Istanbul, Turkey
The posed problem,	Degrade of Byzantine Churches in Istanbul
research questions and	<p>Research question: How can we preserve the specific characteristics of the Byzantine church Hagia Irene in Istanbul when giving it or its surroundings a new function?</p> <p>Sub-questions: 1 What are the specific characteristics of the Byzantine church of Hagia Irene in Istanbul? 2 What are the characteristics of the surroundings of the Byzantine church of Hagia Irene in Istanbul? 3 What are the new possible functions for the Hagia Irene and/or its surroundings? 4 How can we preserve the characteristics of the church and its</p>

	surroundings when repurposing and what should be taken into account?
design assignment in which these result.	<p>To preserve the specific characteristics of the Byzantine church Hagia Irene in Istanbul when giving it or its surroundings a new function it is necessary to change something about current characteristics of the environment and in the church. That's why the design assignment in which the answers of the questions result is to change things in the church, on the location and in the ruins next to the church. The design will be mostly on the ruins, because there added value can be achieved at its most to reach the goal to revive the church the Byzantine church Hagia Irene. To preserve the specific characteristics of the Byzantine church Hagia Irene in Istanbul when giving it or its surroundings a new function it is first of all necessary to expose the characteristics of the Hagia Irene by removing some parts and adding some parts. Second it is necessary to bring back the old connection of the church with its surroundings and taking into account the new connection of the church and third is to do something about the ruins which are important in the history of the church. The ruins can have a new function to add value and to tell the story of the church and its surroundings through history.</p> <p>Telling the story by framing Church (Hagia Irene) - expose the characteristics Location - vertical and horizontal connection Ruins - expose the characteristics - pavilion & theatre</p>

This should be formulated in such a way that the graduation project can answer these questions.

The definition of the problem has to be significant to a clearly defined area of research and design.

Process

Method description

Several methods are used to do research and which I will use for the design in my graduation. Here is a list:

Literature

Interviews

Case studies

Visit of location

Literature and general practical preference

Ahunbay, Z. (2012). Istanbul: A World Heritage site. Ankara: Sistem Ofset Basim Yayin San. ve Ticaret Ltd. S.

AyasofyaKonaklari. (2014). Turing Ayasofya Konaklari. from <http://www.ayasofyakonaklari.com/en/index.jsp>

byzantium1200. (2004). Hospital of Sampson. from <http://www.byzantium1200.com/sampson.html>

Caulfield, A. (2007). Yerebatan Sarayi. from <http://tripideas.org/yerebatan-istanbul/>

Church, H. (2011). The Armenian Patriarchate. from <http://www.vorodman.com/>

Drury, P. M., A. (2008). Conservation principles Policies and guidance For the sustainable management of the historic environment. London.

Freely, J., & Cakmak, A. (2004). Byzantine Monuments of Istanbul. Cambridge: Cambridge University Press.

Gelderloos J., e. a. (2008). Onderzoek herbestemming kerken en kerklocaties een inventarisatie vanaf 1970. Haarlem.

Hackett, C. G., B. J. (2011). Global Christianity A Report on the Size and Distribution of the World's Christian Population.

from <http://www.pewforum.org/files/2011/12/Christianity-fullreport-web.pdf>

IBB. (2010a). Before Conquest of Istanbul. from <http://www.ibb.gov.tr/sites/ks/en-US/0-Exploring-The-City/History/Pages/BeforeConquest.aspx>

IBB. (2010b). Istanbul in Figures. from <http://www.ibb.gov.tr/sites/ks/en-US/0-Exploring-The-City/Location/Pages/IstanbulinNumbers.aspx>

IstanbulMetropolitanMunicipality. (2008). Before Conquest of Istanbul. from

<http://www.ibb.gov.tr/sites/ks/en-US/0-Exploring-The-City/History/Pages/BeforeConquest.aspx>

Jacobs, D. (2014). The 20 Most Popular Cities In The World To Visit In 2014. Forbes.

Kiricioğlu, E. (2012). Henri Prost'un İstanbul'u 1937 - 1951. from <http://kiricioglu.blogspot.nl/2012/02/henri-prostun-istanbulu-1937-1951.html?updated-min=2012-01-01T00:00:00%2B02:00&updated-max=2013-01-01T00:00:00%2B02:00&max-results=16>

Kirimtayif, S. (2001). Converted Byzantine Churches in Istanbul Their Transformation into Mosques and Masjids. Istanbul: Zero Produksiyon Ltd. .

Mathews, T. (2001). The Byzantine Churches of Istanbul. from <http://www.nyu.edu/gsas/dept/fineart/html/Byzantine/index.htm?http&&www.nyu.edu/gsas/dept/fineart/html/Byzantine/home.htm>

Müdürlüğü, İ. K. v. T. İ. (2013). İstanbul İl Kültür ve Turizm İl Müdürlüğü Brifing 2013. İstanbul.

Müller-Wiener, W. (1977). İstanbulun Tarihsel Topoğrafyası. Tübingen: Wasmuth Verlag.

Necipoğlu, G. (2006). 15. ve 16. yüzyılda Topkapı Sarayı Mimari, Tören ve İktidar. İstanbul: Yapı Kredi Yayınları.

Phene Spiers, R. (1905). Architecture east and west A collection of essays. London: 94 High Holborn.

RCE. (2011). Een toekomst voor kerken Handreiking voor het herbestemmen van vrijkomende kerkgebouwen. Eindhoven.

RCE. (2013). Een toekomst voor kloosters Handreiking voor het herbestemmen van koostercomplexen. Werkendam.

Sanidopoulos. (2010). St. Sampson the Hospitable, Founder of the Largest Free Clinic in the Roman Empire. from <http://www.johnsanidopoulos.com/2010/06/st-sampson-hospitable-founder-of.html>

SarnicRestaurant. (2014). Sarnic Restaurant. from <http://www.sarnicrestaurant.com/en/index.jsp>

SATIJNplus (Producer). (2006). Totaal. Retrieved from <http://www.satijnplus.nl/page.aspx?id=124>

SerbianOrthodoxChurch.net. (1999-2000). St Sampson the Hospitable from <http://www.serbianorthodoxchurch.net/cgi-bin/saints.cgi?view=083086275378>

TOPOĞLU, O. (2012). sepetçiler kasrı fotoğrafları eminönü istanbul 24 ocak 2012.

TOPOĞLU, O. (2013). 1980'lerin sonu havadan sepetçiler kasrı ve sirkeci fotoğrafı.

Üncü, P. (2014). De herleving van de rijkdom van de kerk met een nieuwe functie. TU Delft, Delft.

van Millingen, A. (1912). Byzantine churches in Constantinople Their history and architecture. London: Macmillan and co.

Weiner, M. (2011). World's Most Visited Cities. U.S. News.

Yale, P. (2011). 10 of the best boutique hotels in Istanbul. the guardian.
Yale, P. (2011). 10 of the best sights in Istanbul. the guardian.

Reflection

Relevance

The scientific relevance of this report is to develop a new perspective on what to do with Byzantine churches to preserve and enriching them by giving them or its surroundings a new function. This all to preserve the richness of their history and at the same time keeping them alive by giving them or its surroundings a new function without permanently touching them. The social relevance comes from the Christians which aren't that much present in a certain area as before. This will be explained more in the below.

Scientific relevance:

Many literature has been published about the Byzantine period and the Byzantine churches in that period such as Byzantine churches in Istanbul by Millingen, Byzantine art and architecture by Rodley and The early churches of Constantinople: architecture and liturgy by Mathews. Yet nothing has been published about the various types of reuse apart from their conversion into mosques.

The purpose is to find solutions for these churches by giving them or their surroundings a new secular function with minimizing the decrease of their quality, history and richness. Apart from that the reversibility of the new function in or around these churches is also important. This approach is still missing in literature and this report should give a view of how to find a possible suitable fitting for these churches by giving them or their environment a new secular function and to have more insight in this subject. This report is an attempt to fill the gap between possibilities of the reuse of these church and/or its surroundings. Different types of research are combined and integrated with each other. Literature review, interviews and observations of my own are included in my research. To specify the research only one church is chosen to be an example. This is the Hagia Irene, a church which has never been converted into a mosque like many others have been converted in. Nowadays the church is used as a museum and occasionally as a concert hall. The Hagia Irene is located in the first courtyard of the Topkapi Palace and close to the Hagia Sophia. But to understand this case research on the general Byzantine churches is also to be done.

Social relevance:

Byzantine churches are located in a lot of places, but with this research it will be about the Byzantine churches in current Istanbul and specifically the Hagia Irene. The application of parts of this research is possible for other churches of the Byzantine period. It is also relevant for different parties like the government, Christians, architects and urban planners. Not only will there be a search for an

acceptable new function in or around these churches, but also will there be a search for making these churches value adding for the municipality of Istanbul. To gain more insight of how to handle these pieces of architecture and what kind of actions can be taken to make this reuse in an acceptable way possible will help to make it easier to take action without harming the richness of these buildings and the feelings of Christians. Various factors will be taken into account to give more insight in what to take into consideration to maintain the quality of these churches by making plans for reusing them and or its surroundings. As in the case of Hagia Irene we have to take tourists into account and the urban plan in which the Hagia Irene is located.

Time planning

On next page.

Planning graduation																																	
Date													P3								P4												
Weeknumber		2.8	2.9	2.10	Crocus	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6												
Month		January				February				March				April				May															
Days		12 until 16	19 until 23	26 until 30	2 until 6	9 until 13	16 until 20	23 until 27	2 until 6	9 until 13	16 until 20	23 until 27	30 until 3	6 until 10	13 until 17	20 until 24	27 until 1	4 until 8	11 until 15	18 until 22	25 until 29												
Research																																	
Writing last chapters		■				■																											
Preliminary final version						■				■																							
Revise final version										■		■																					
Final version												■																					
Reading literature about the specific ruins						■																											
Choosing most important aspects about the ruins for the design						■																											
Sketch design																																	
Variants of three aspects						■																											
Testing it with drawings and models										■				■																			
Working out one variant														■		■																	
Preliminary design																																	
Variants for the ruins														■		■																	
Testing it with drawings and models														■		■		■															
Working out two variants																■																	
Final design																																	
																■																	