

# Sustainability & Resilience



International Conference 2019

Edited by Ruben Paul Borg & Cyril Spiteri Staines



**SBE 19 Malta**

**Sustainability & Resilience**

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21<sup>st</sup> and 22<sup>nd</sup> November 2019

SBE Malta  
Sustainable Built Environment



SBE19 Malta

**Sustainability & Resilience**

Editors

Ruben Paul Borg  
Cyril Spiteri Staines

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21<sup>st</sup> - 22<sup>nd</sup> November 2019



Sustainable Built Environment Malta

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# New Sustainable Acupunctural Strategies to Preserve, Refurbish and Promote the Cultural Heritage: Challenges and Solutions. The Case Study of Bisotun site in Kermanshah (Iran)

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Cultural heritage interpretation as the continuous, integrated, living phenomenon is the core concept of a new paradigm in cultural heritage preservation strategies. This paper aims to provide the proper refurbishment principles in effective intervention in two highlighted monuments in Bisotun Cultural Heritage (BCH), which its central zone inscribed on the world heritage list in 2006. Bisotun have been immortalized thanks to Darius I (521 BCE) inscription and evidencing 30 incredible historical remnants of Iranian civilization. This research was carried out with descriptive-analytic method applied to investigate challenges ahead in sustainable refurbishment of Khosrow bridge and Khosrow palace (600 A.D.). Different innovative solutions employed for each monument to ensure historical values and tackle the issues threaten their integrity. Three multi critical hypotheses are: Regeneration the smart green connection between the bridge and BCH, Designing a linear multi-functional bridge market to link Cham Botton Village to the Khosrow palace, Refurbishment the historical palace as a public art center for showcasing traditional performances and local productive and agricultural traditions. Due to filling research gaps in this field, survey the data and detailed description of observation and 3D models will be applied. In conclusion action plans have been defined due to preserve long-term benefits.



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