



*Dín I-Art Helwa*

# **CLIMATE CHANGE AND HERITAGE CONSERVATION:**

## **MALTA, A CASE STUDY**



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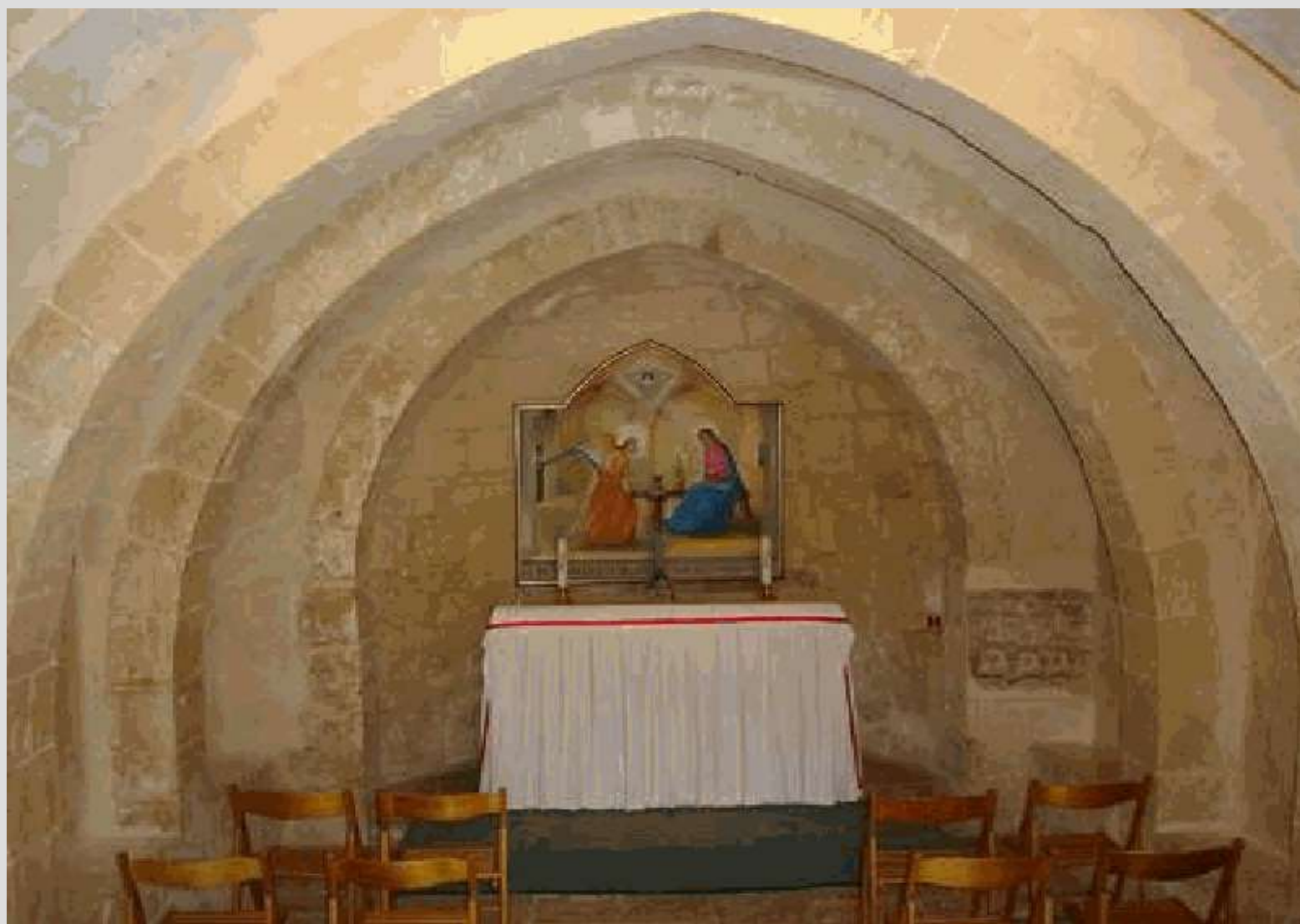
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- What may happen to Malta as a result of climate change?
- What is likely to be the impact of climate change on Malta's cultural heritage?
- How do we adapt to the challenges of climate change to mitigate its effects on our cultural heritage?

## MORE EXTREME AND HAPHAZARD WEATHER PATTERNS.

- Prolonged Saharan-style heat-waves.
- Shorter, more intense rainy periods and longer, dryer spells.
- Severe water shortages as rainfall is reduced by as much as 30%.
- Process of desertification will become unstoppable.

## ATMOSPHERIC MOISTURE CHANGES.

- Increased salinity.
- Rising damp.
- Salt crystallisation.
- Cracking, flaking and dusting of stone materials.





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Climate change risk  
assessments and appropriate  
management plans are  
needed.