

The Future of St. Nicholas Cathedral, Famagusta

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This collaborative effort, between the disciplines of earthquake engineering and art history, is concentrated on one of the principal landmarks of Famagusta, St. Nicholas Cathedral, which dates to the 13th century. In this paper, the past, present and future of St. Nicholas Cathedral is investigated with particular reference to seismic activity. Signs of earthquake damage can be seen throughout the structure, though this is by no means the only threat to it. The stones from which it is constructed, like other calcarenite monuments of Famagusta, are suffering from decay. By drawing together these two strands of research, the future structural reliability of the structure has been analytically assessed, and will be presented in this paper.