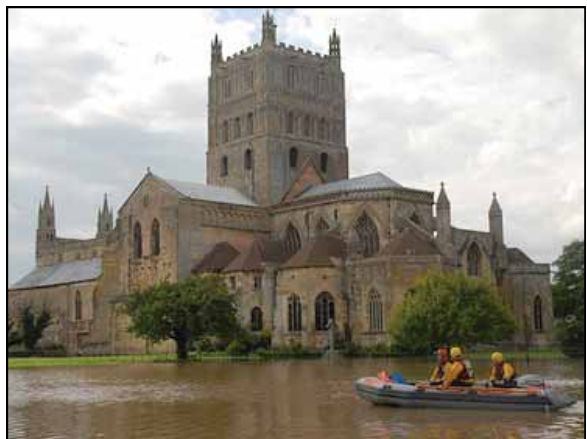
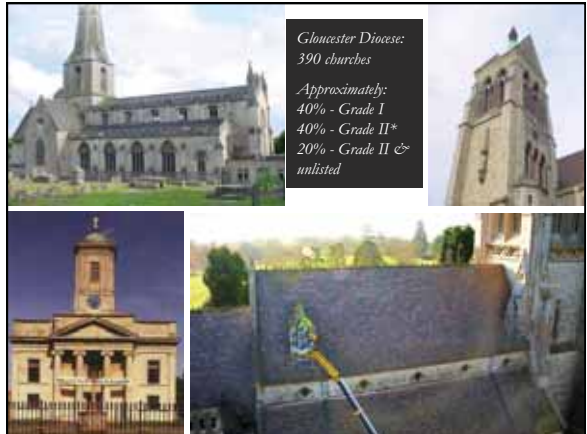


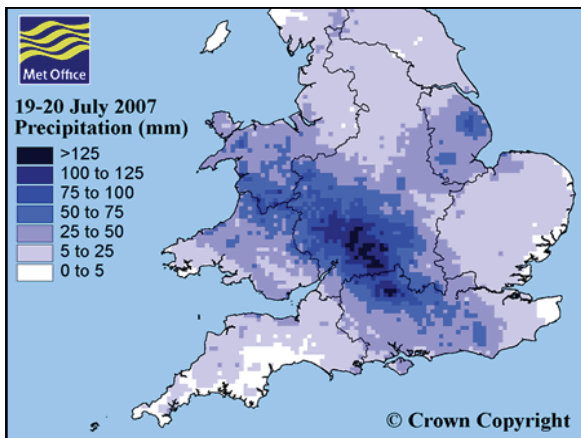
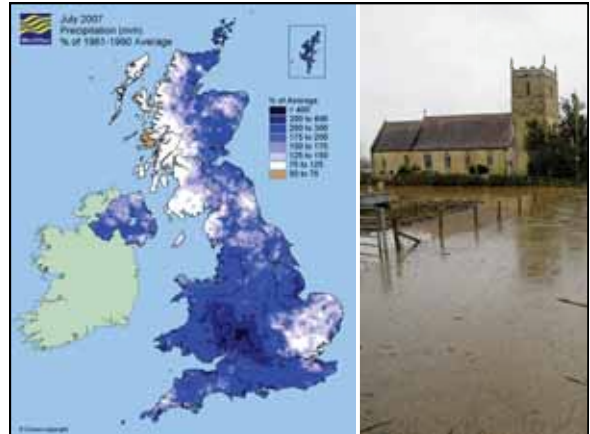
Flooding and resilience

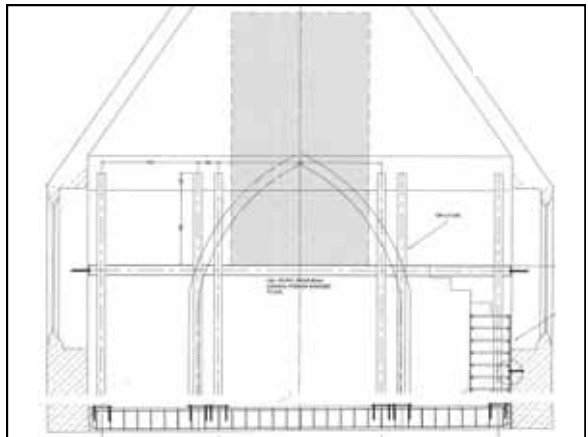
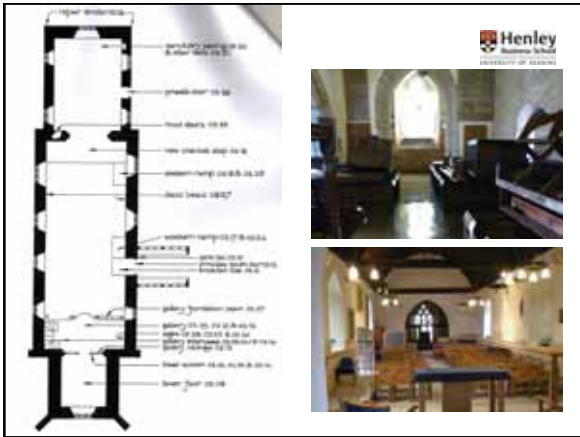
St Michael's, Tirley, Gloucestershire

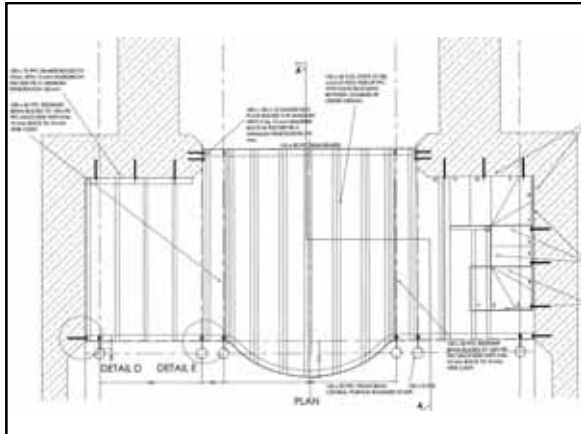
Henry Russell OBE

Chair: Gloucester Diocesan Advisory Committee for the Care of Churches









“The important thing here is that there should be as little fixed furniture as possible within the building so that, when the floods come again, such furniture as there is can be moved to safety.”

Neil Birdsall, Birdsall Swash and Blackman April 2008



**Neil Birdsall SPAB Cornerstone
Summer 2014**



"Since this major repair and reordering, the church has been flooded - twice , in both January 2013 and 2014. But the fabric did not suffer to anything like the same degree as in the past. The new stone floor throughout is now relatively easy to clean, the columns of the west gallery can be washed without too much difficulty, and as long as the floods do not rise above the new dado all around the interior the extensive renewal of render is avoided and any lime washing can be contained to that height."



Summary



- **Look at options to increase flood resilience**
- **Assess significance of individual elements and balance potential harm against possible closure of the church**

In St Michael's, Tirley case:

- **Floor and pews were of moderate significance**
- **Electrical services were run above flood level**
- **DAC accepted that overhead heaters were the only answer**
- **Organ was raised on new west gallery, with new footing and attachment to walls**