

Duff House, Banff

This building and collection are jointly managed by the National Galleries of Scotland, Historic Scotland and Aberdeenshire Council. The building houses a wonderful collection of historic furniture, paintings and other items.

The building was the subject of a high quality and well considered restoration and conservation programme in the mid 1990's. The sensitivity of the collection inside the building led to the installation of a centrally controlled heating system supplemented by humidifiers in the gallery rooms.

The project in hand is to devise a heating and relative humidity control regime that is sympathetic to both building and collection. This heating regime needs to reduce the regular wintertime occurrence of condensation on the windows of the house and has the aim of reducing the amount of power used to heat and



The magnificent external elevation of the building.



An example of the fine interiors of the building

The project is in its early days although progress has been made in analysing the data from loggers sited in the building. As would be expected in building with a building management system the temperature and relative humidity readings are near perfect for the collection all year. However this cost of high carbon emissions and condensation of the surfaces of the building fabric need to be balanced with the need to conserve the collection.