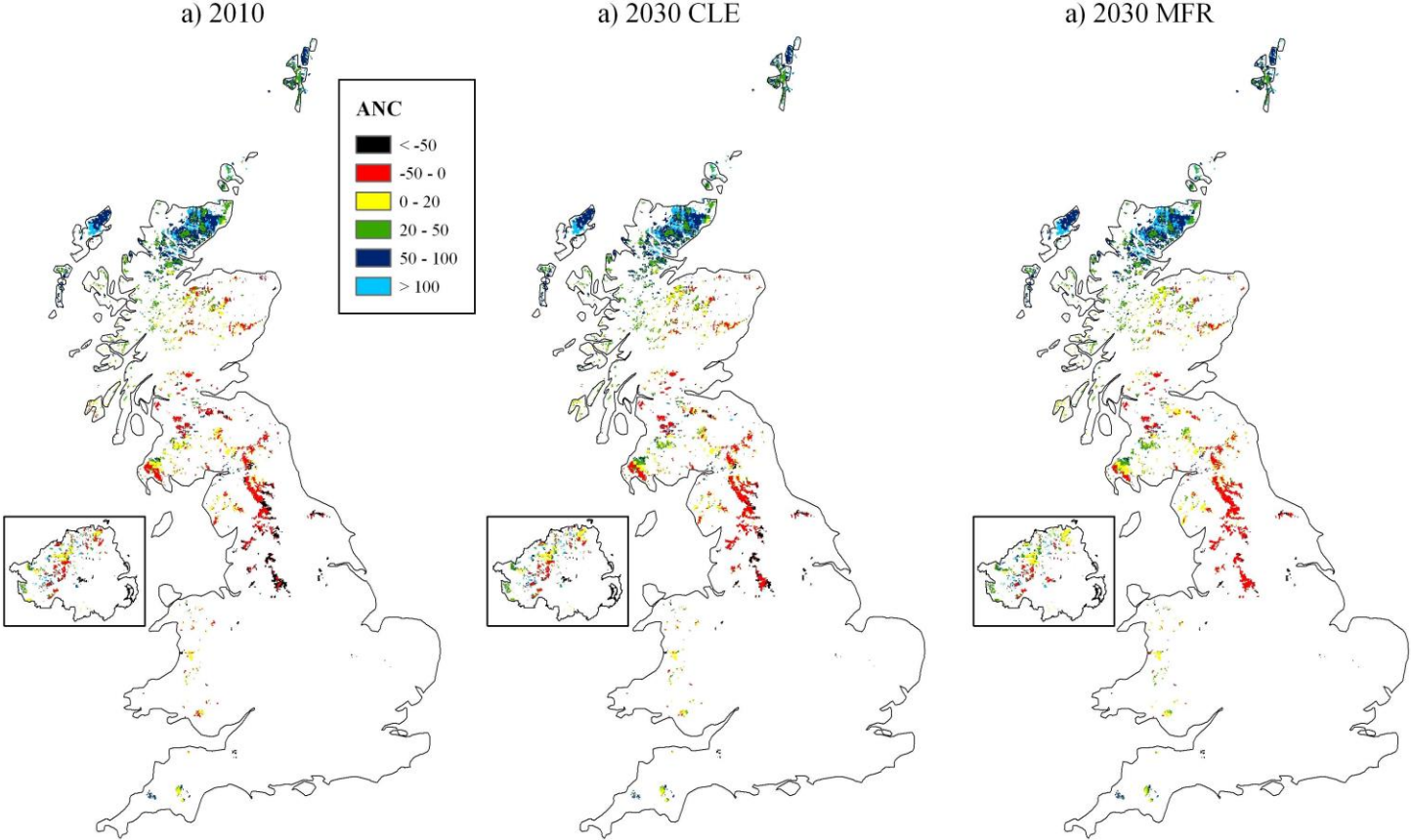


## Appendix 4. Dynamic model scenario assessment maps

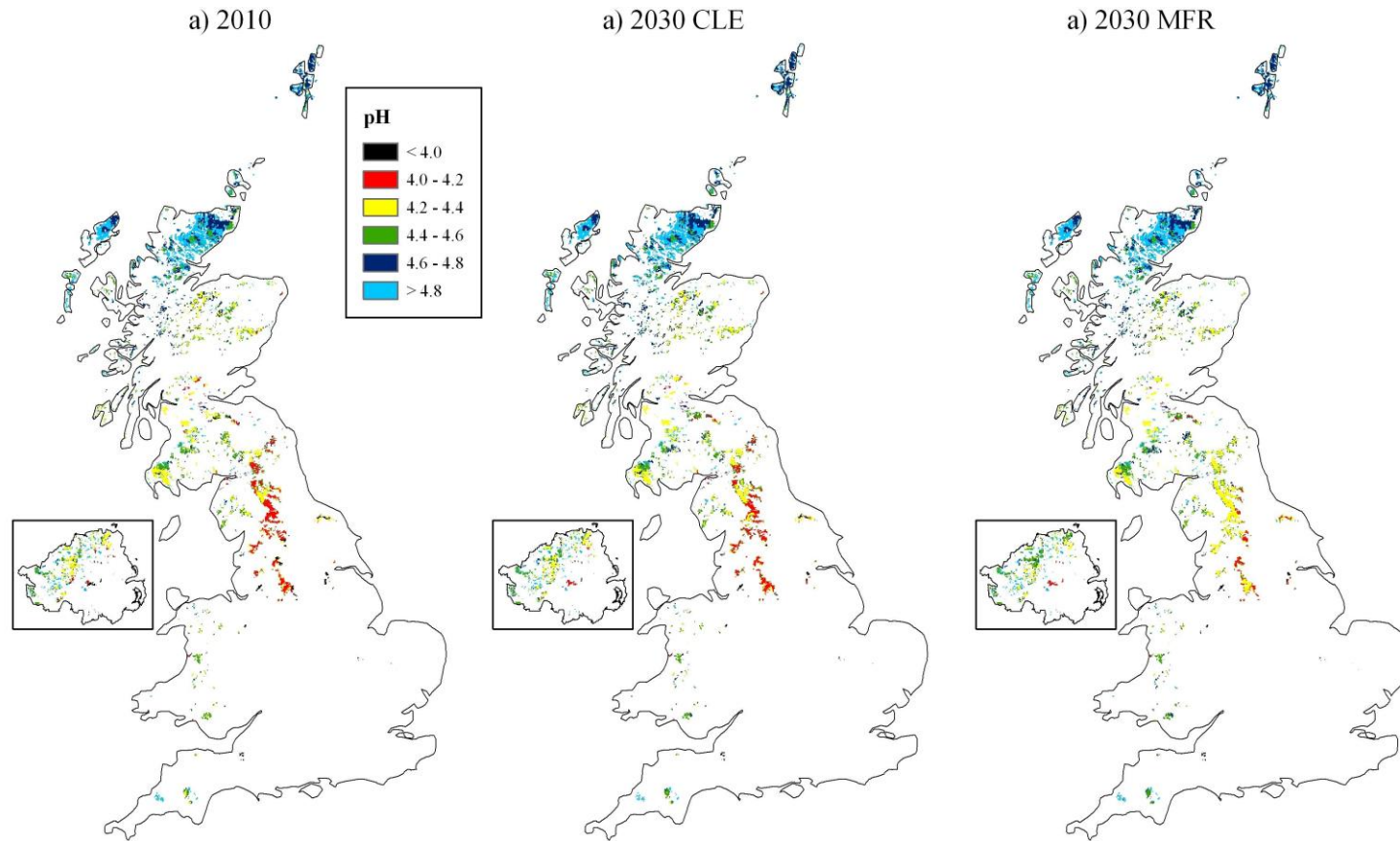
The following maps show VSD model simulations for seven critical load habitat classes (bog, montane, acid grassland, heathland, managed broadleaf woodland, managed coniferous woodland, unmanaged woodland), and MAGIC model simulations for surface waters. These model outputs form part of the UK submission to the CCE in response to the 2006/07 call for data.

All maps show model forecasts for a) 2010 (current legislation), b) 2030 (current legislation), and c) 2030 (maximum feasible reduction). ANC and NO<sub>3</sub> data are in  $\mu\text{eq l}^{-1}$ , pH in pH units.

Figure A4.1 Modelled ANC, Bog



**Figure A4.2 Modelled pH, Bog**



**Figure A4.3 Modelled leachate NO<sub>3</sub> concentrations, Bog**

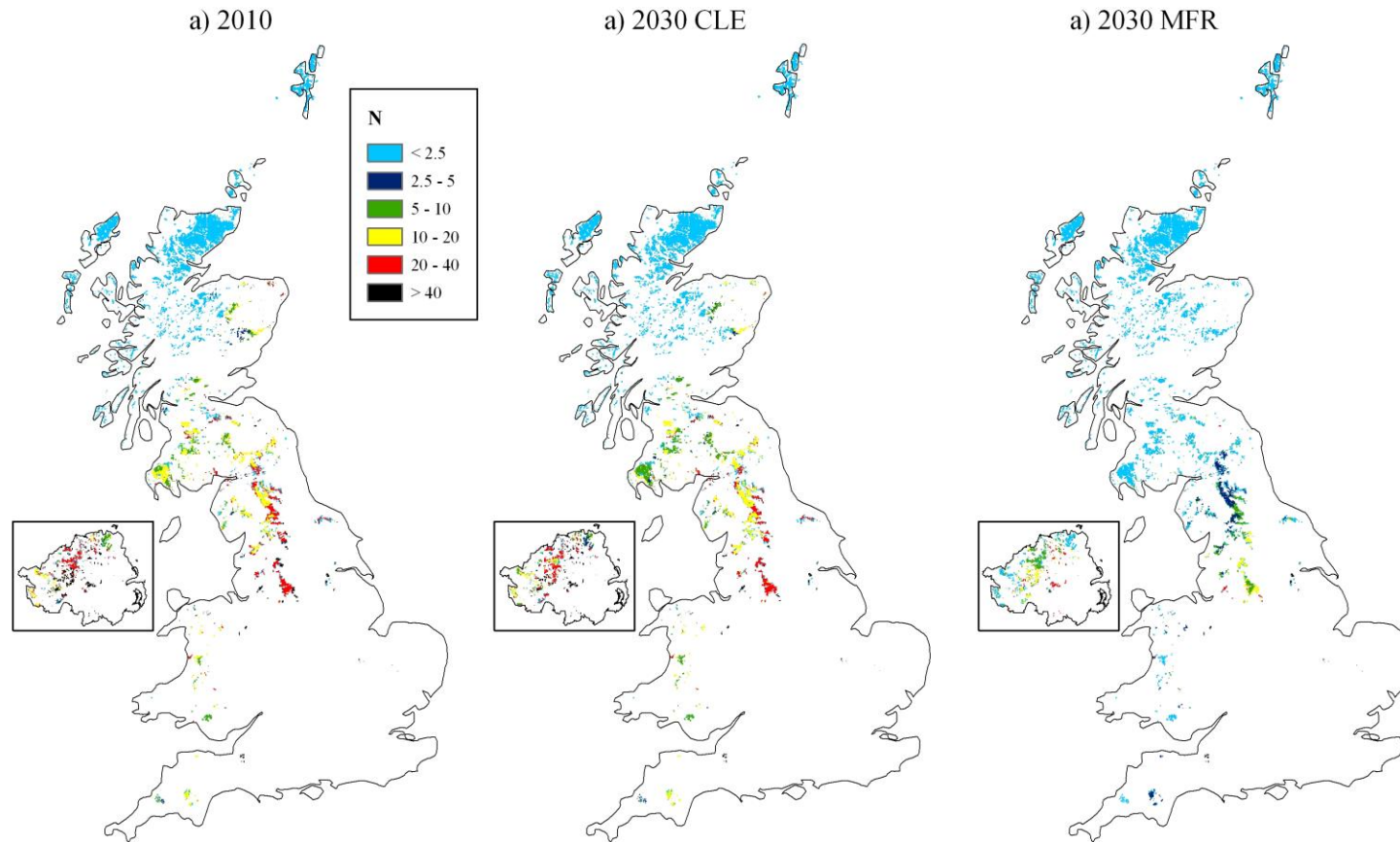
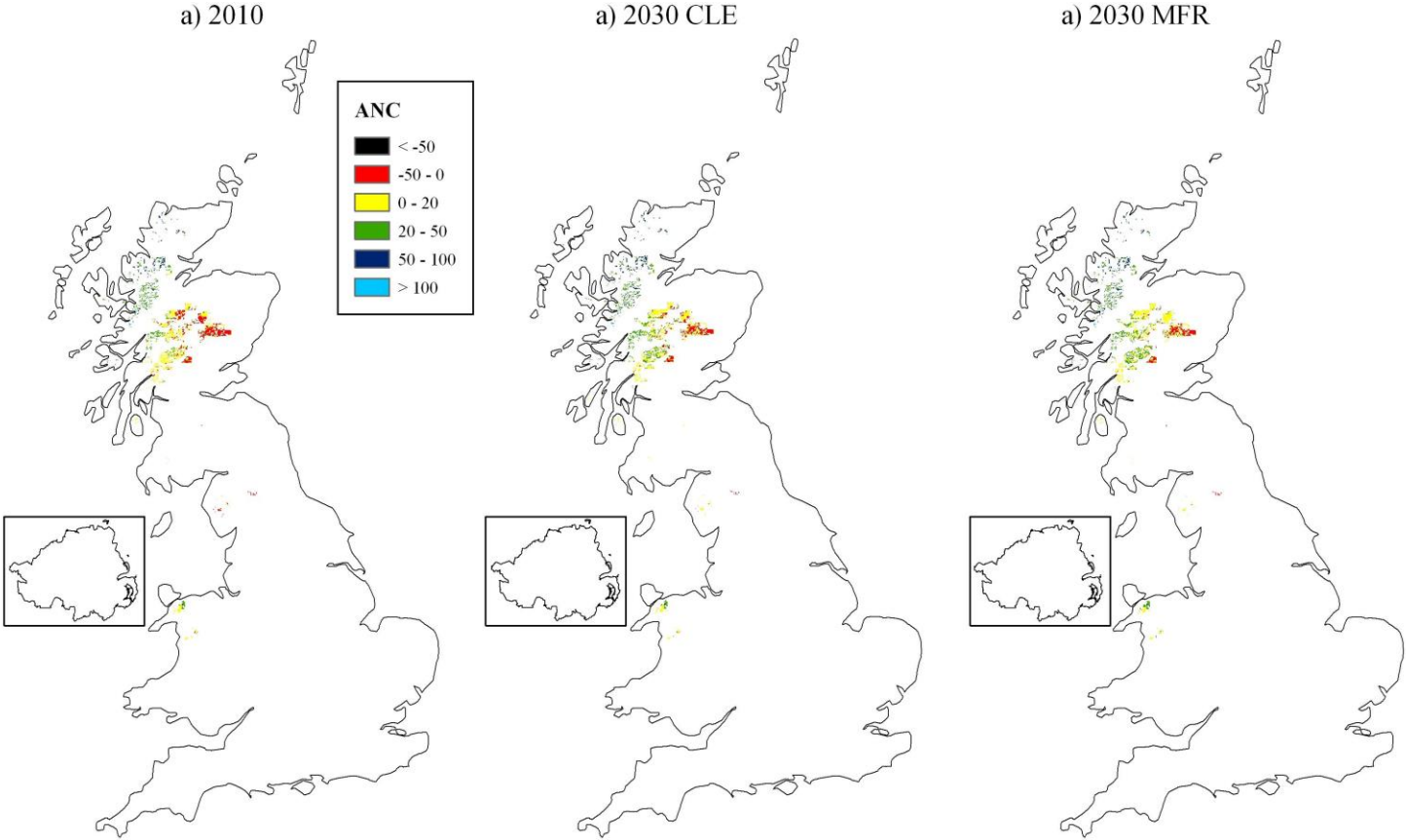
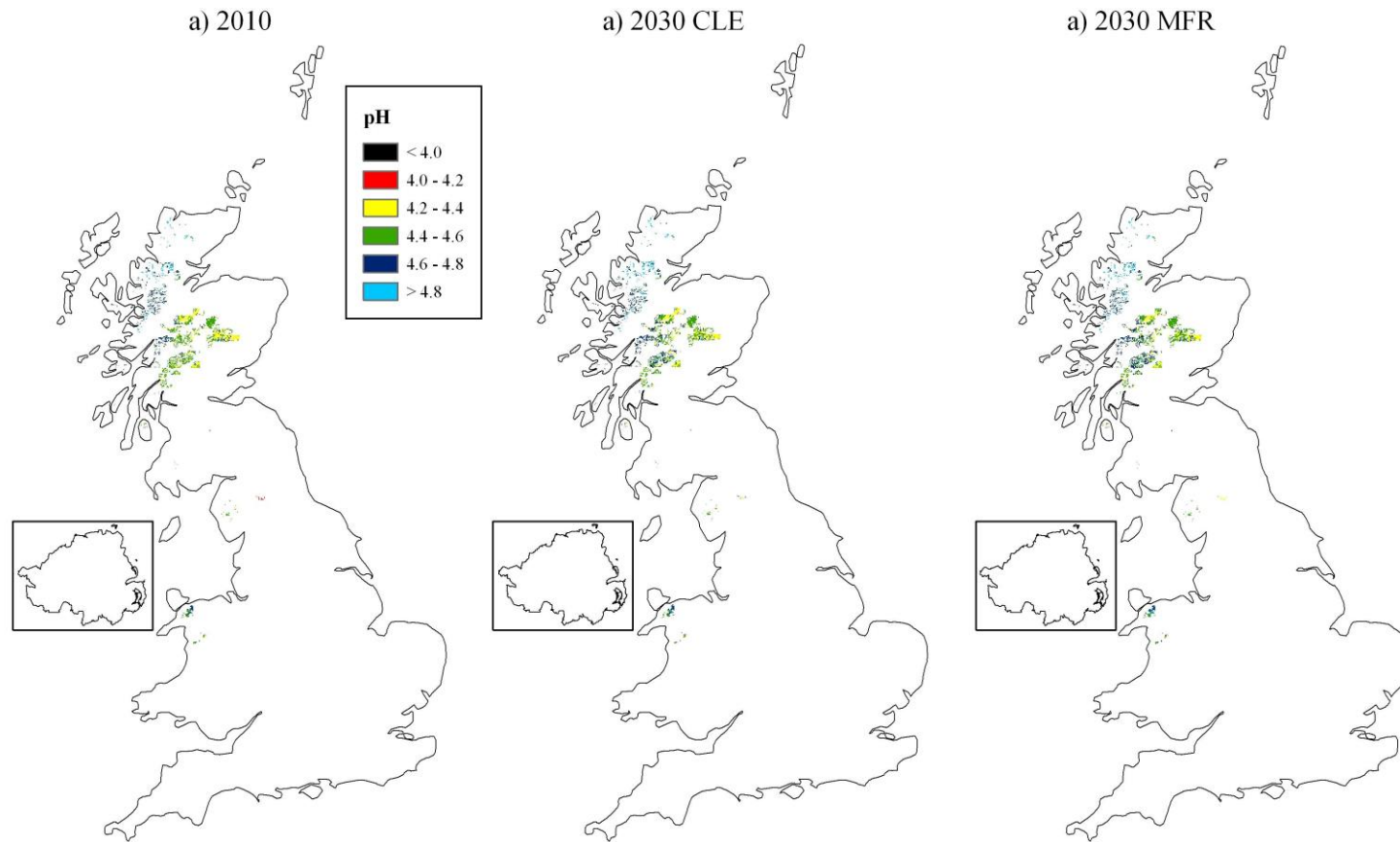


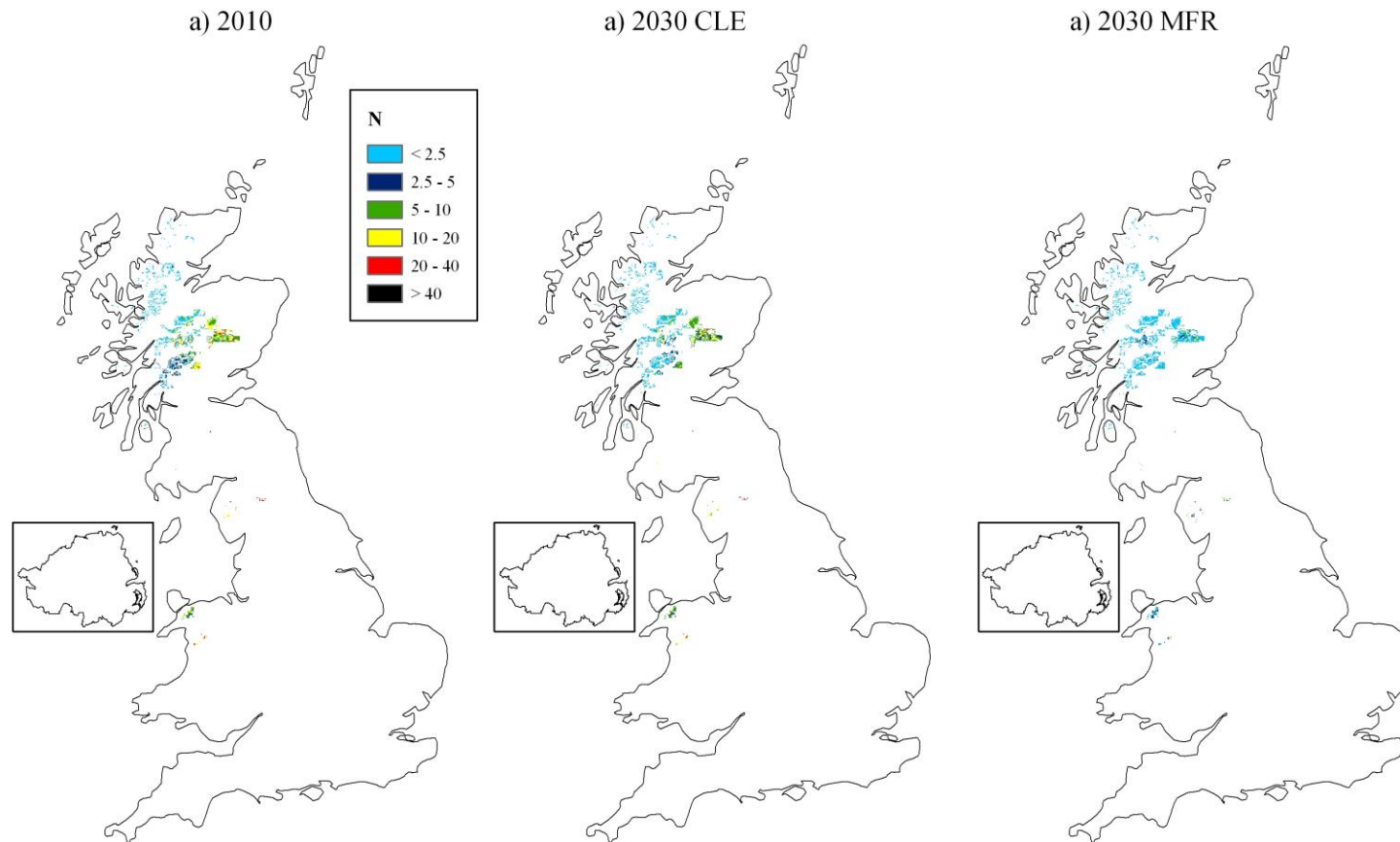
Figure A4.4 Modelled ANC, Montane



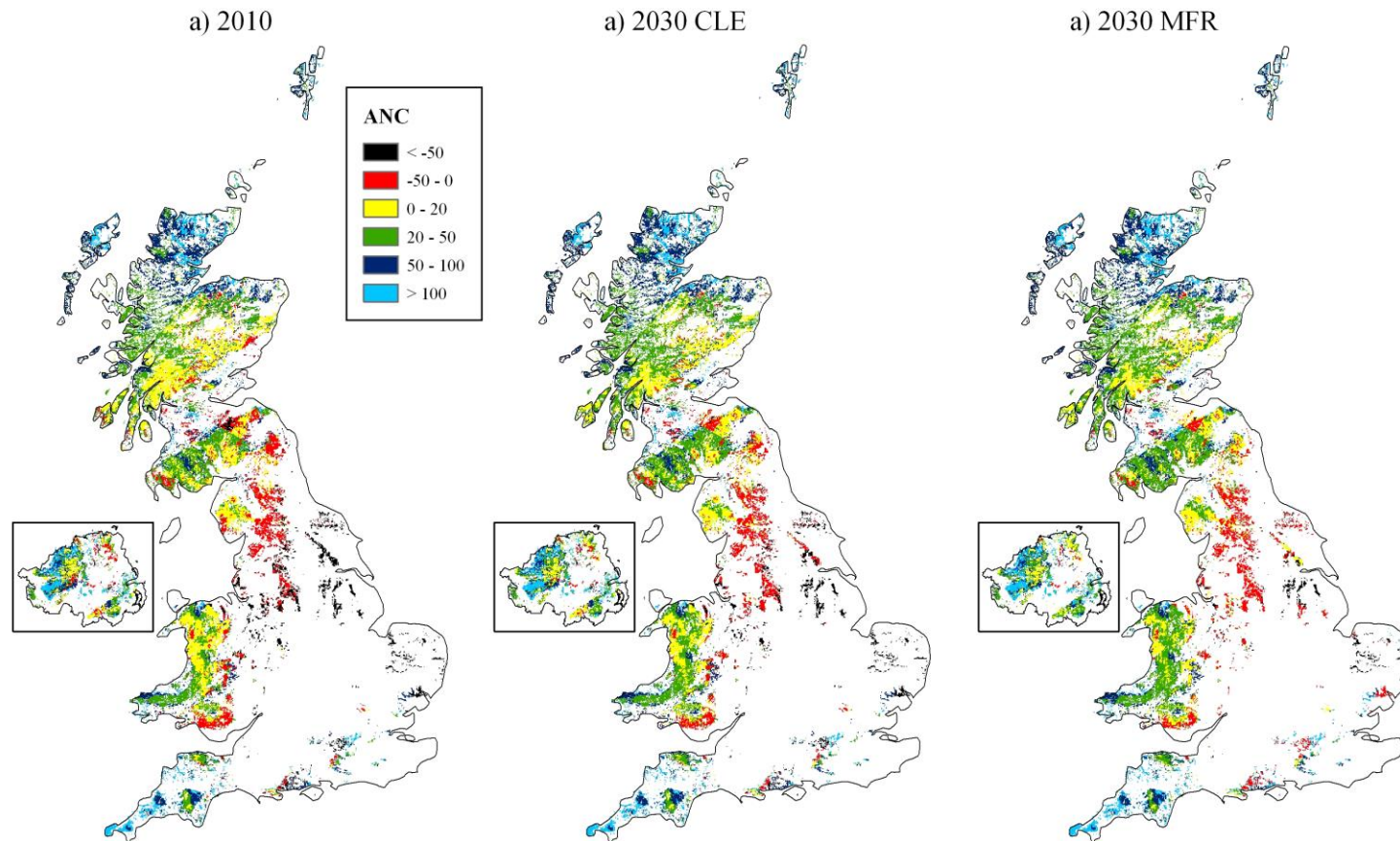
**Figure A4.5 Modelled pH, Montane**



**Figure A4.6 Modelled leachate NO<sub>3</sub> concentrations, Montane**

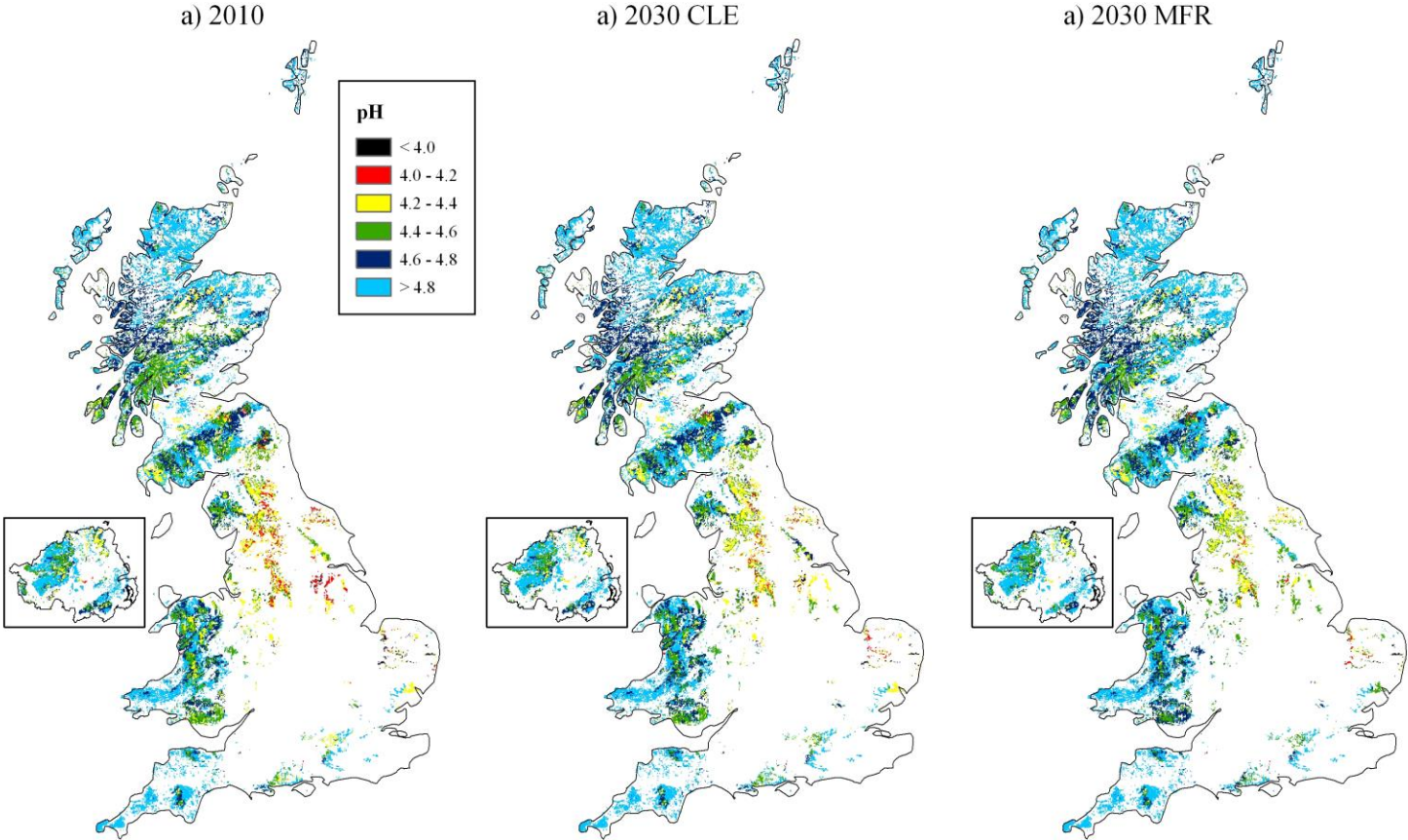


**Figure A4.7 Modelled ANC, Acid grassland**

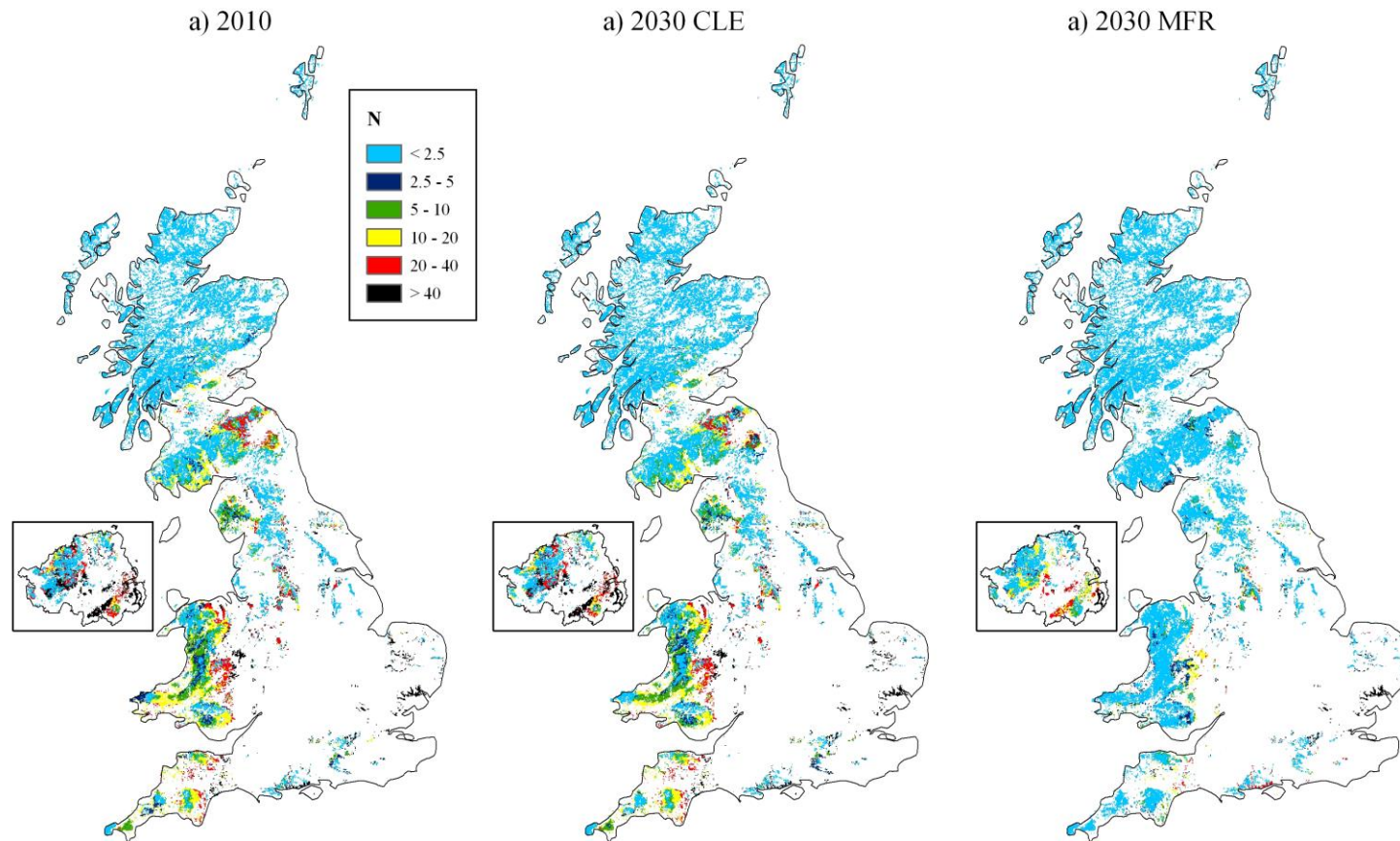




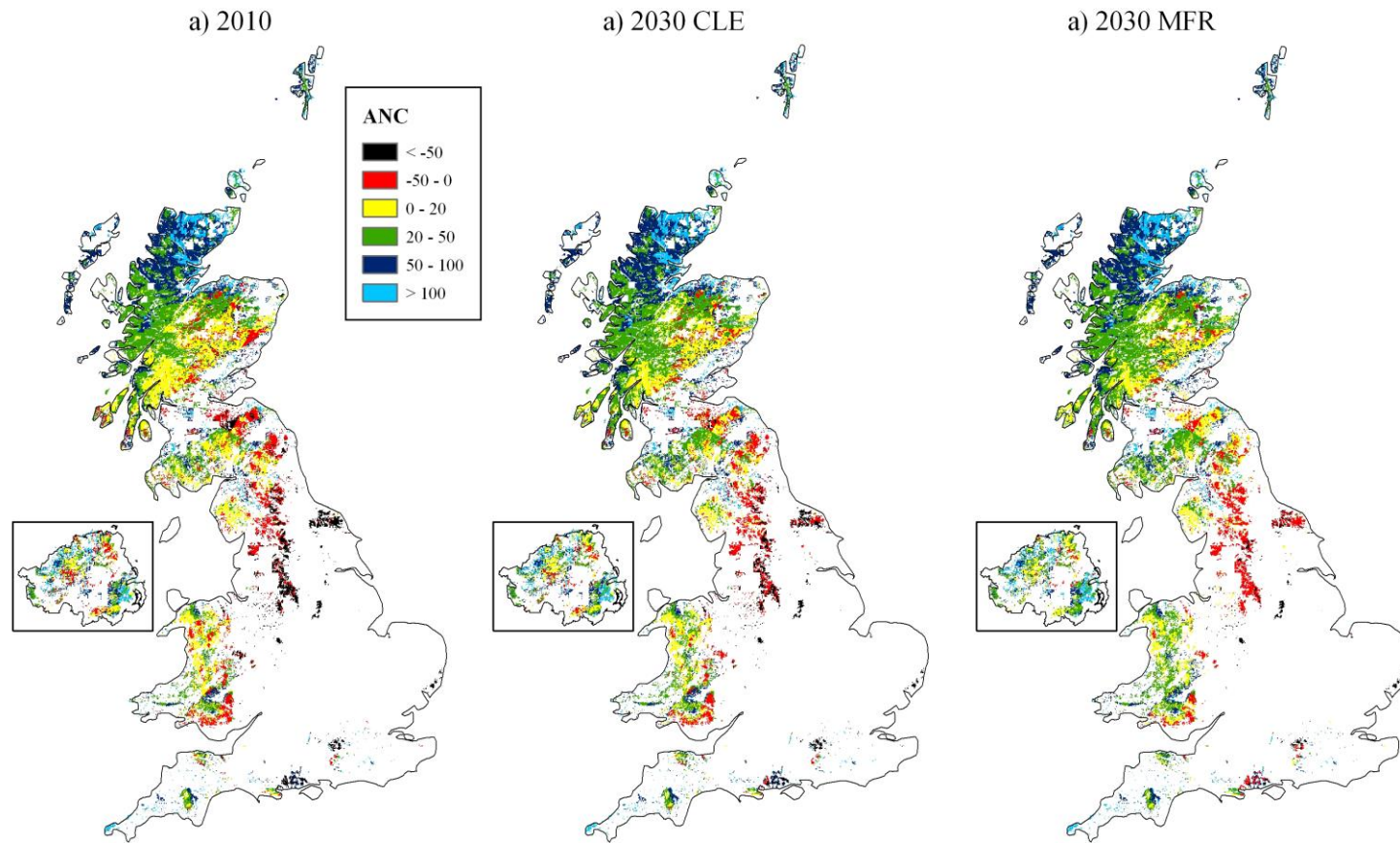
**Figure A4.8 Modelled pH, Acid grassland**



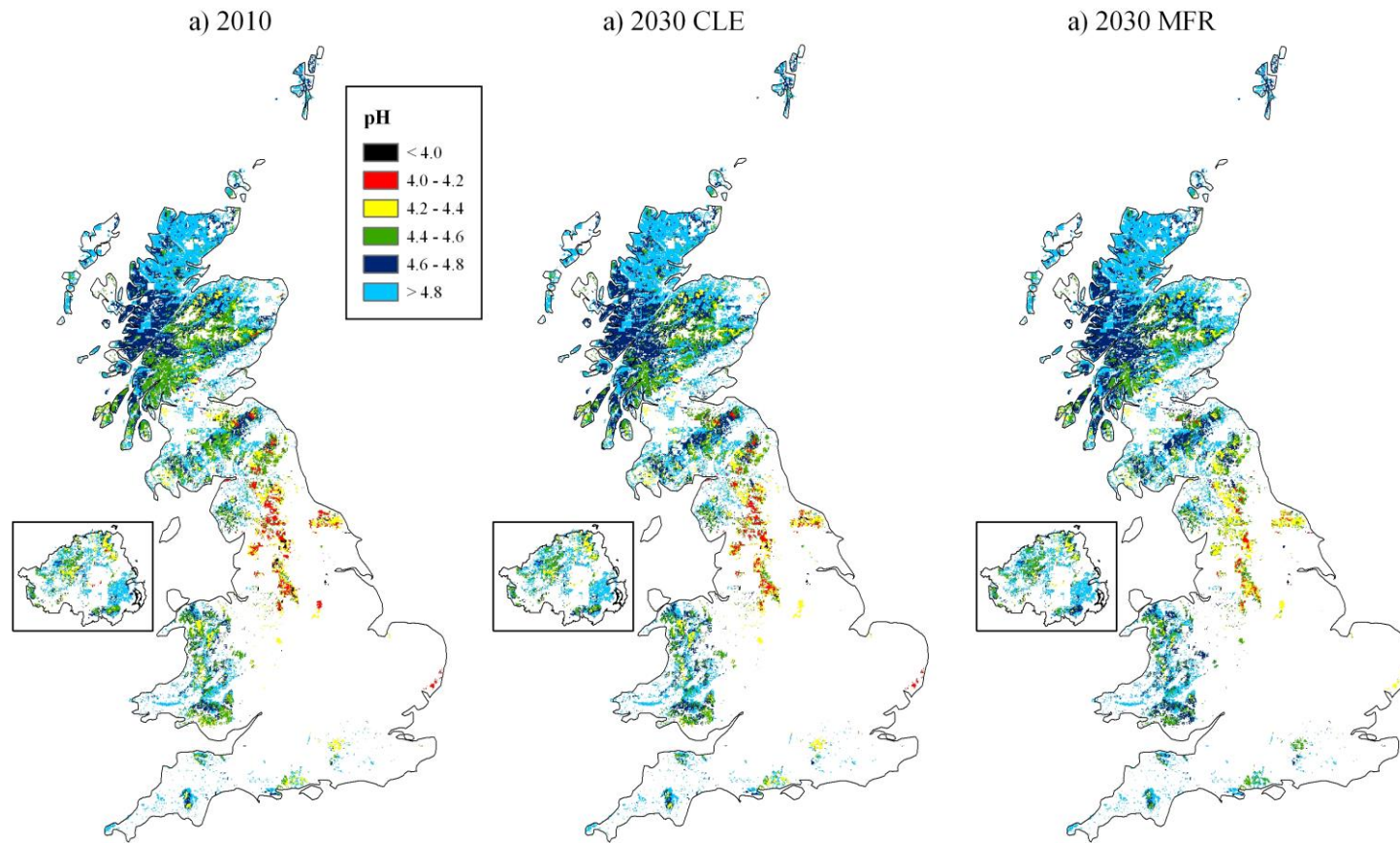
**Figure A4.9 Modelled leachate NO<sub>3</sub> concentration, Acid grassland**



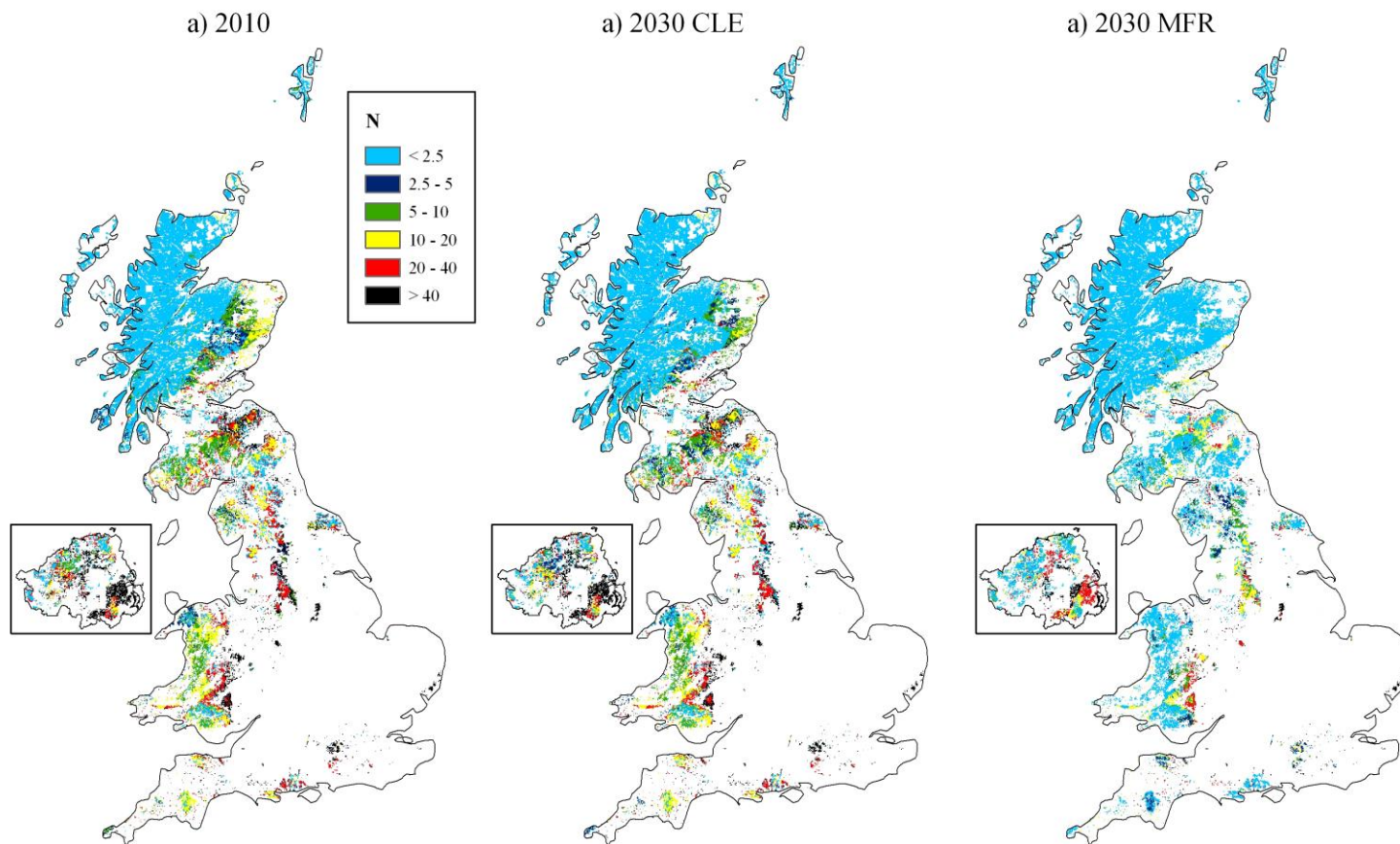
**Figure A4.10 Modelled ANC, Heathland**



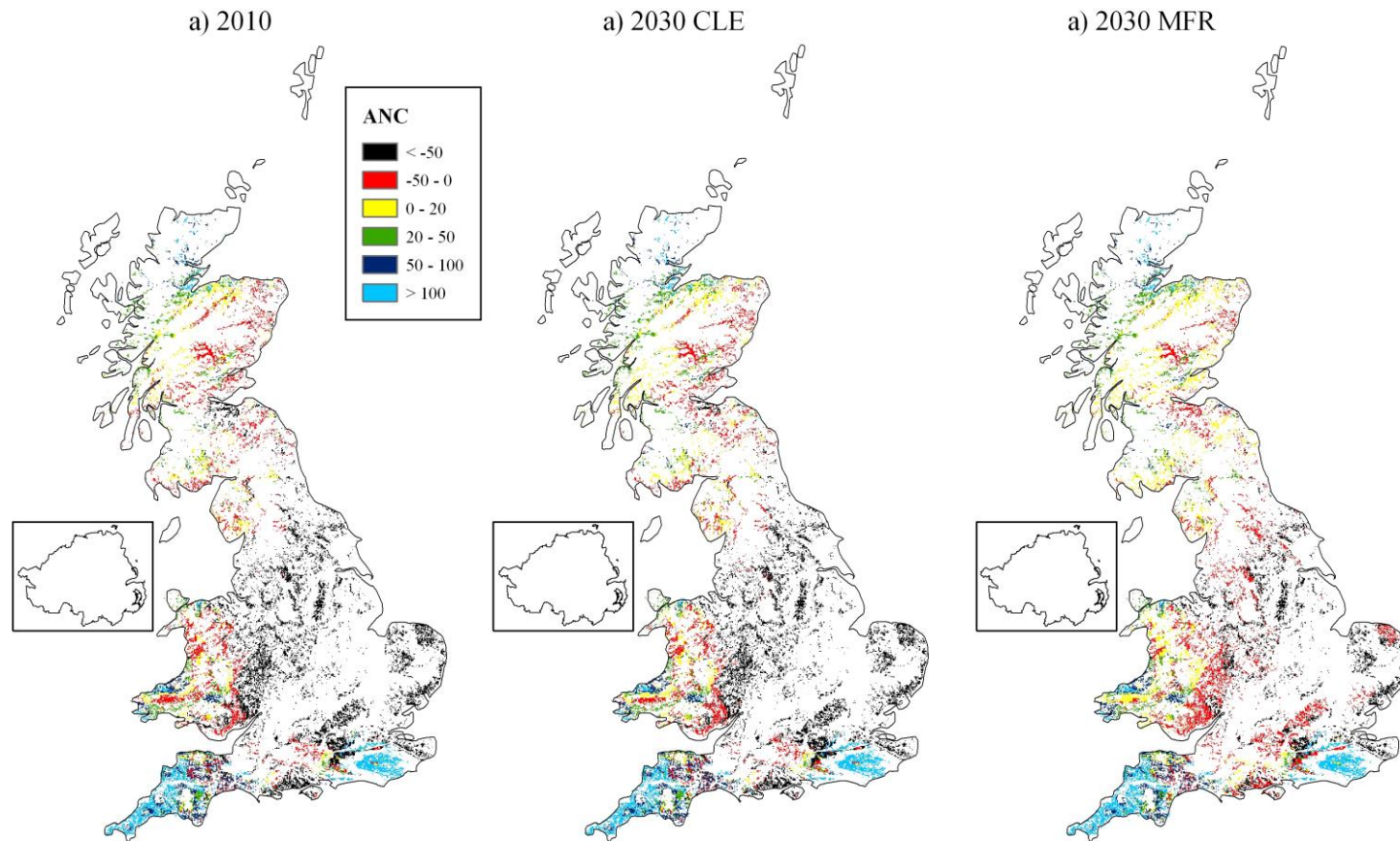
**Figure A4.11 Modelled pH, Heathland**



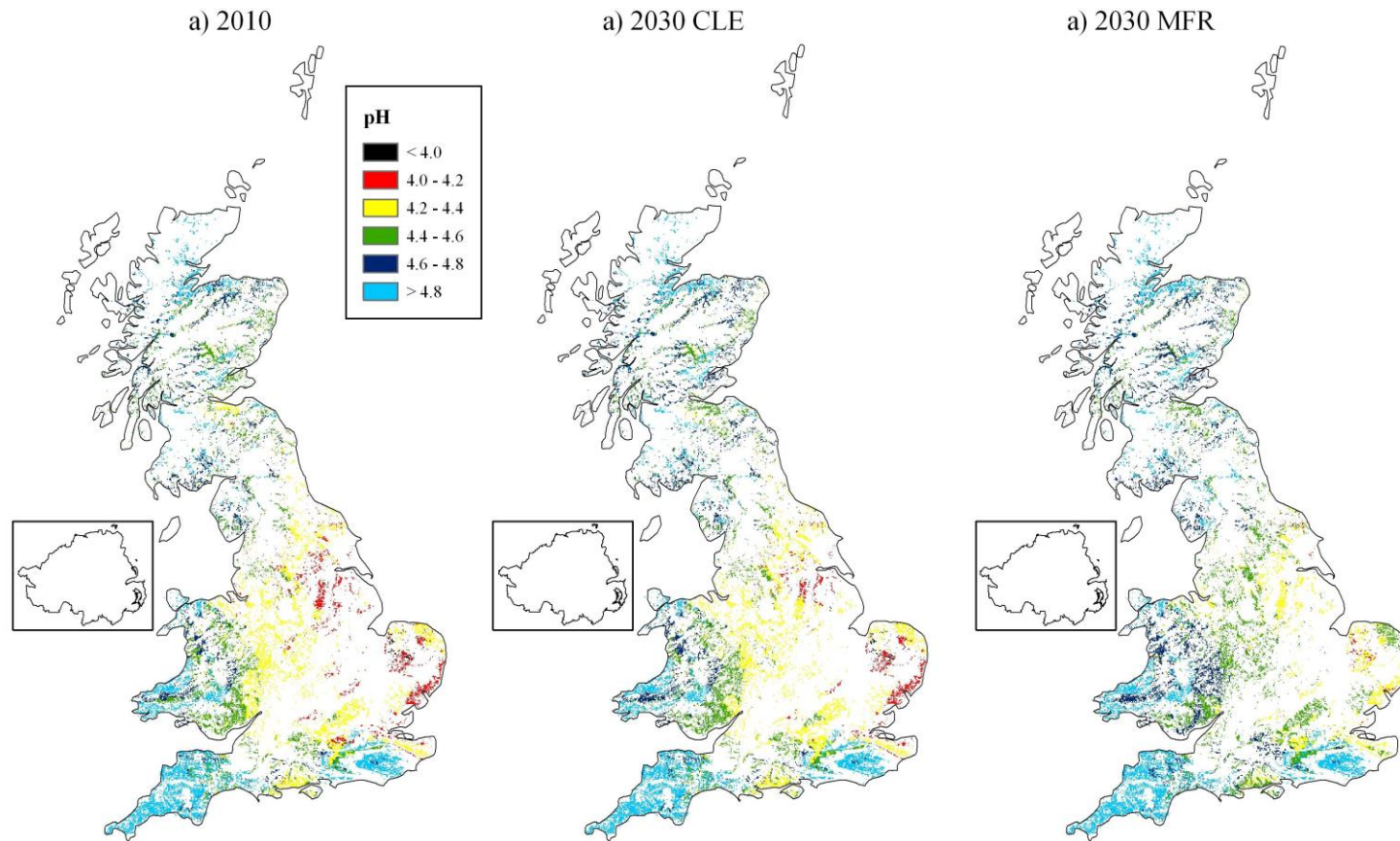
**Figure A4.12 Modelled leachate NO<sub>3</sub> concentration, Heathland**



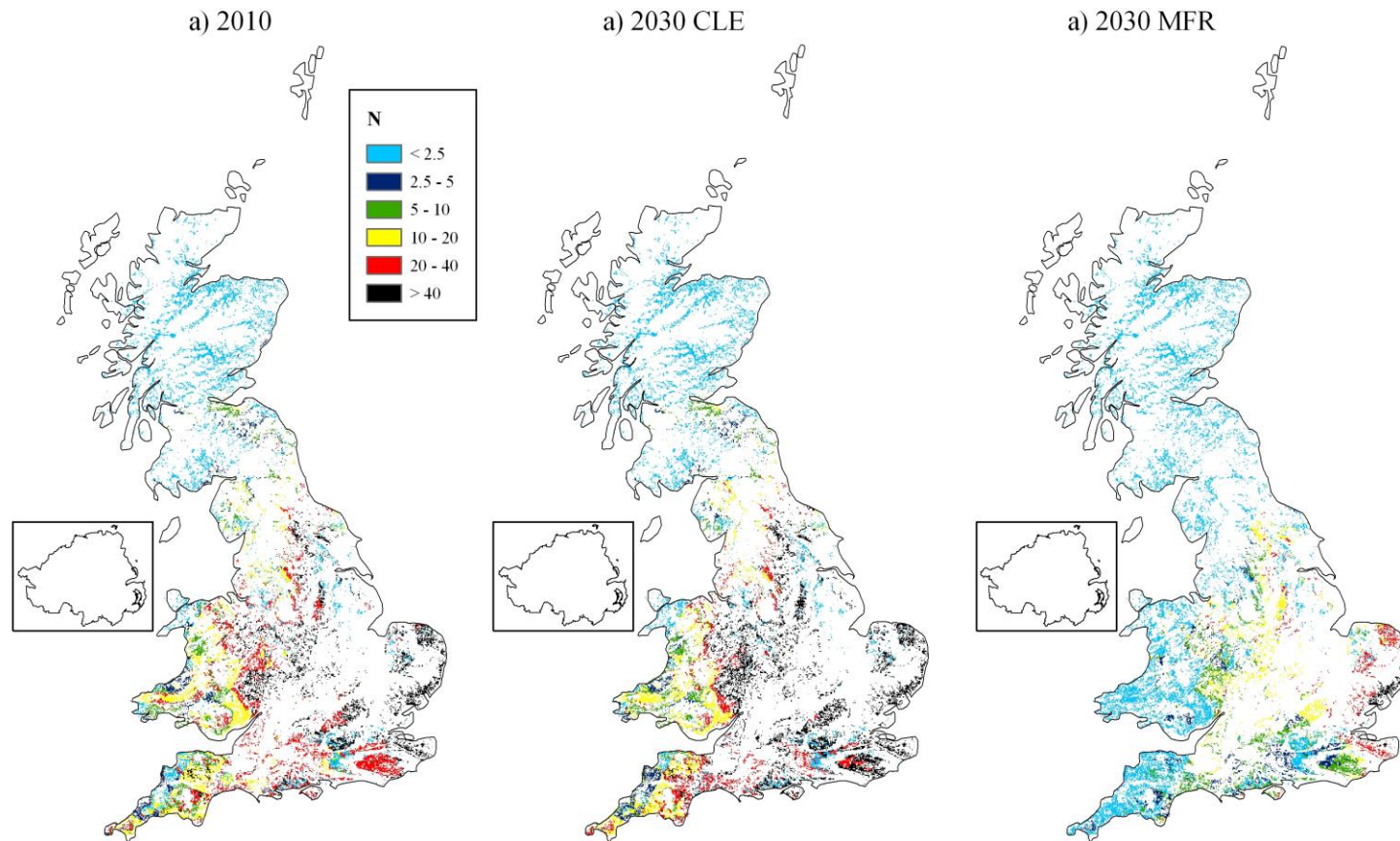
**Figure A4.13 Modelled ANC, Managed broadleaf woodland**



**Figure A4.14 Modelled pH, Managed broadleaf woodland**

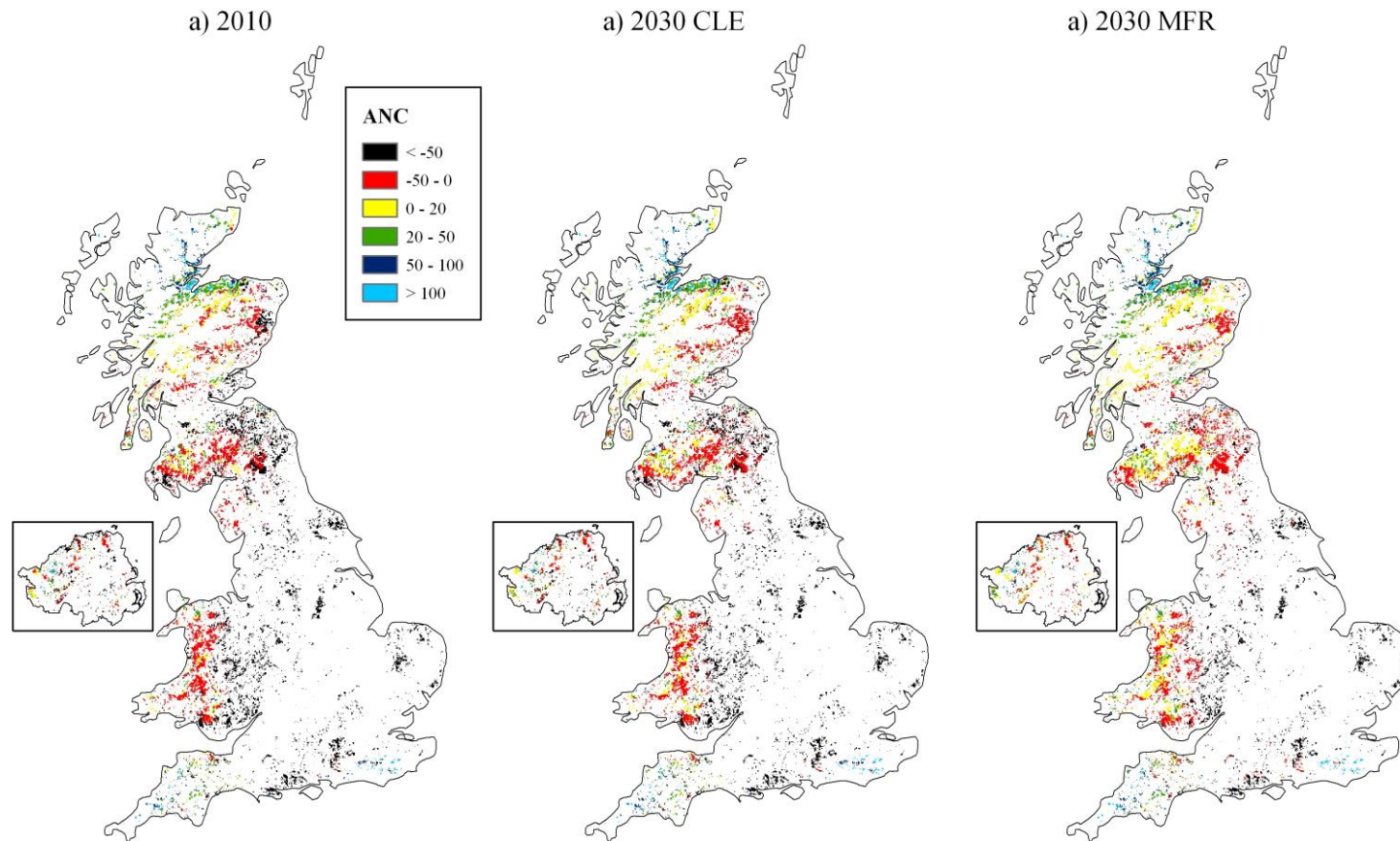


**Figure A4.15 Modelled leachate NO<sub>3</sub> concentration, Managed broadleaf woodland**

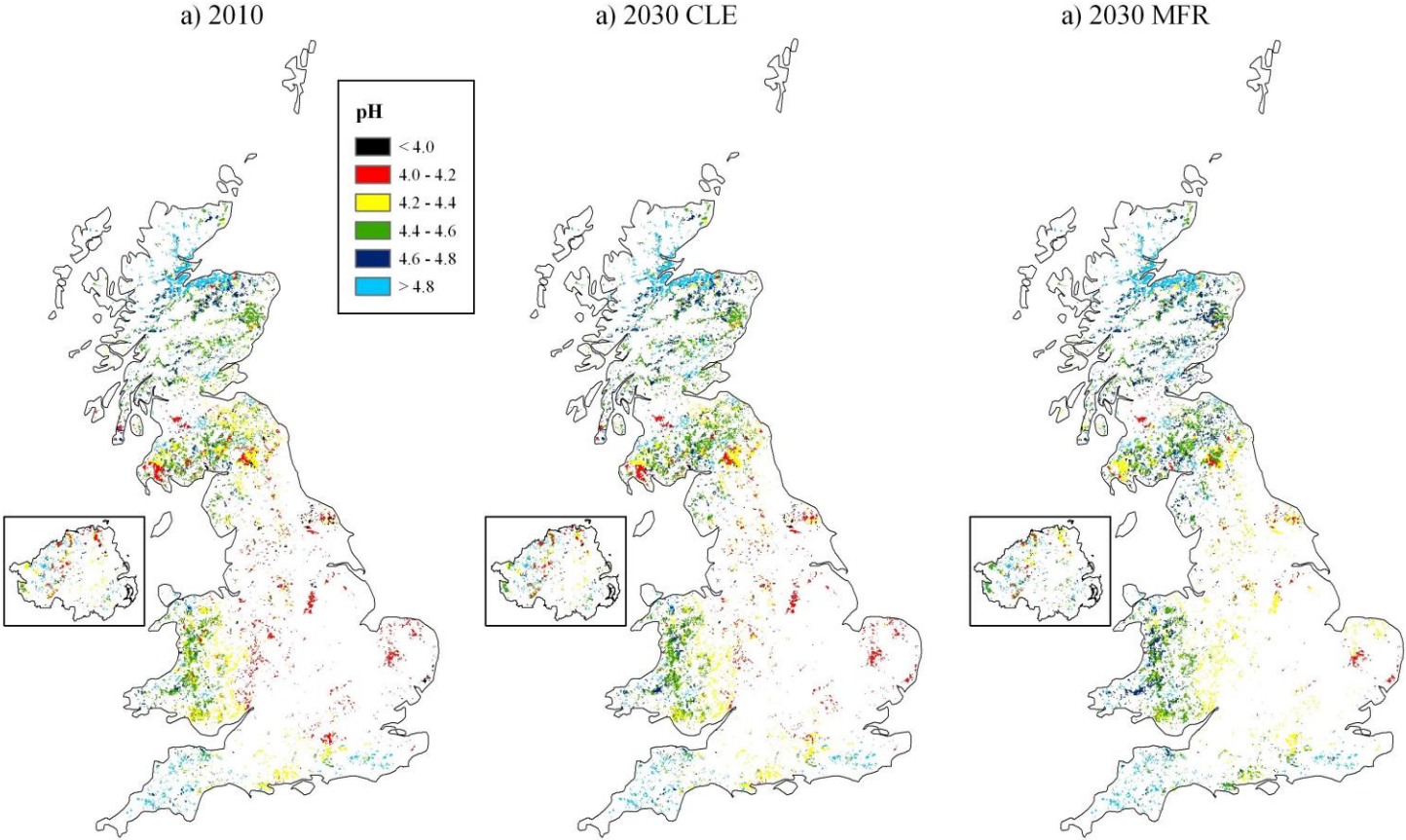




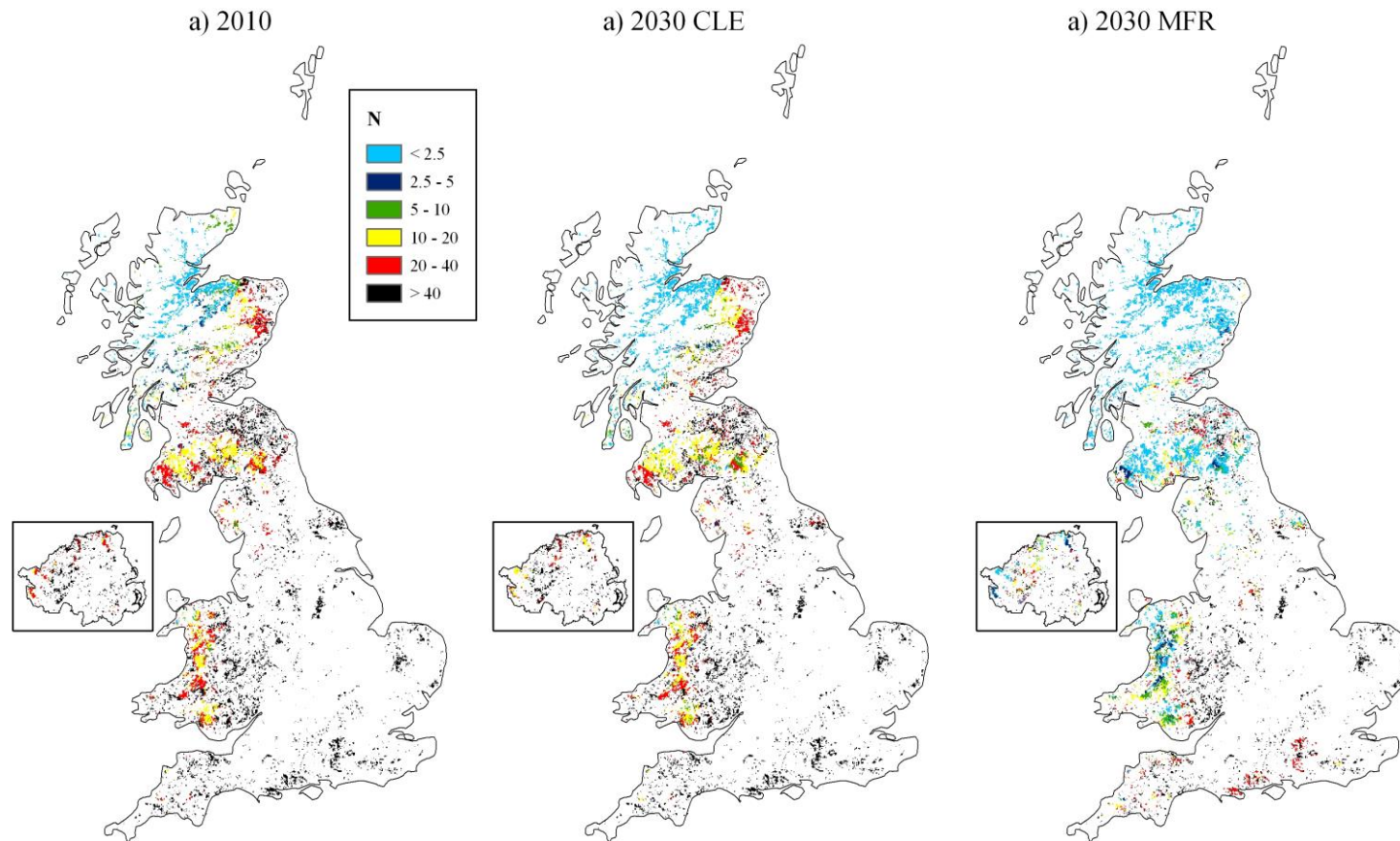
**Figure A4.16 Modelled ANC, Managed coniferous woodland**



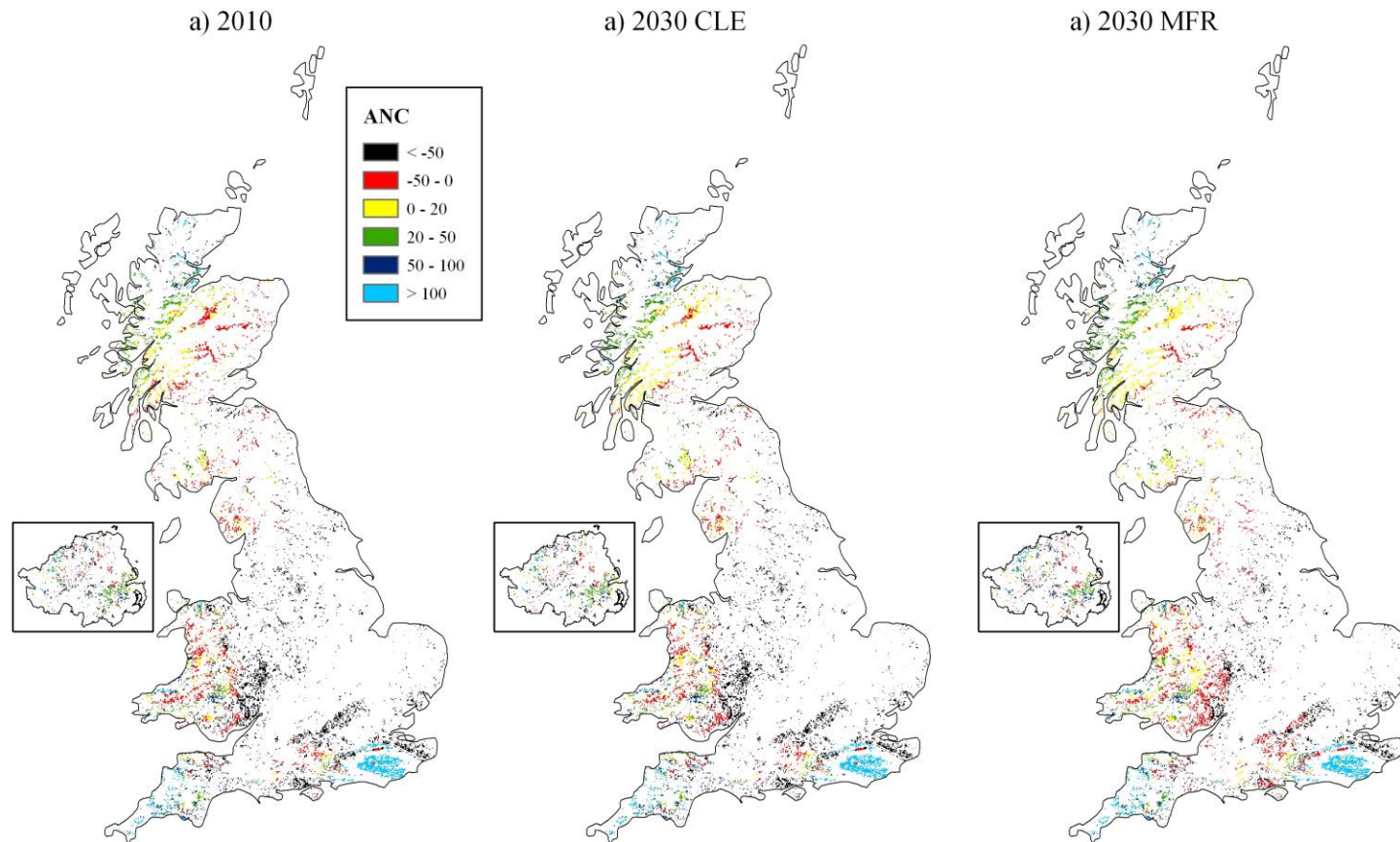
**Figure A4.17 Modelled pH, Managed coniferous woodland**



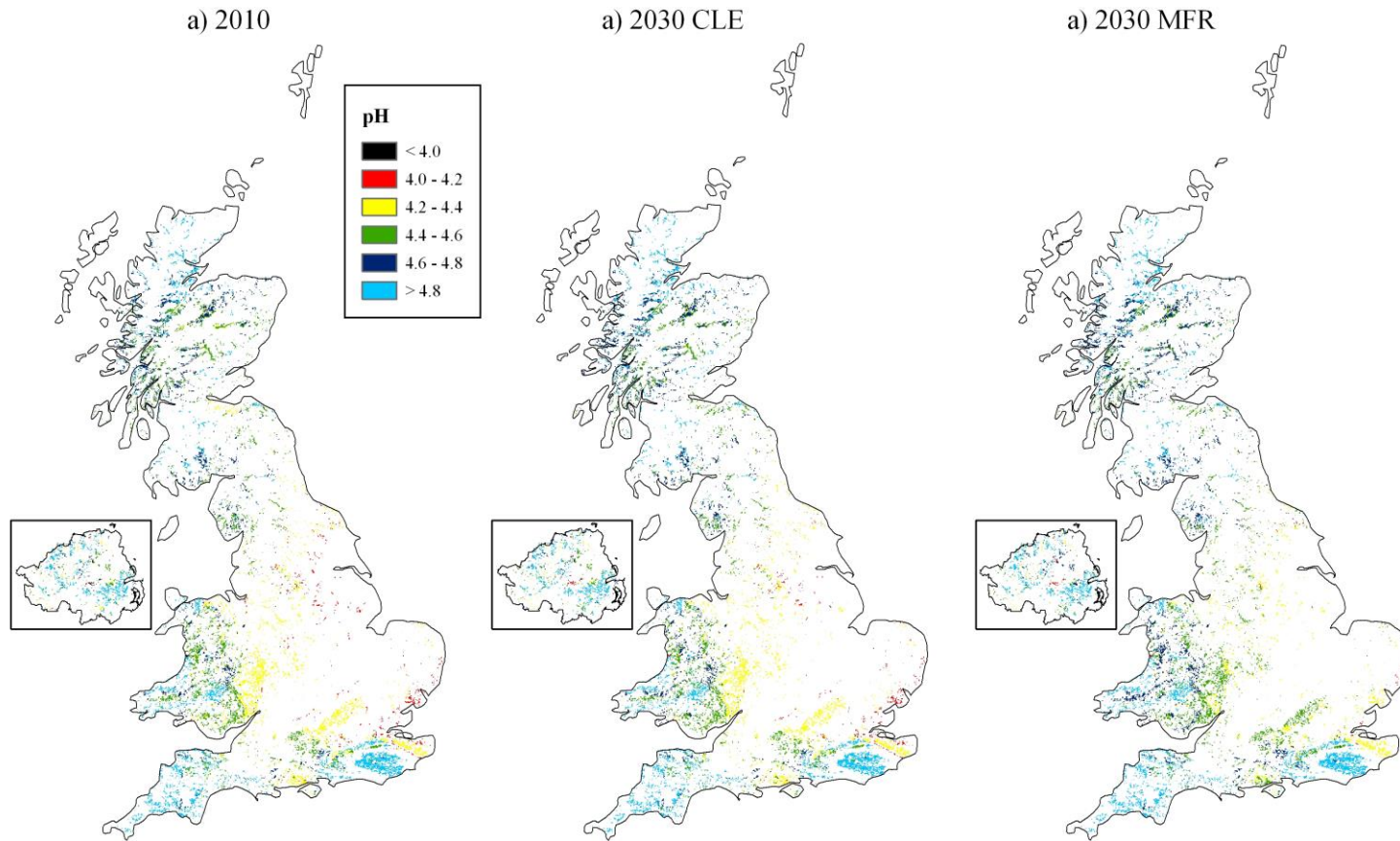
**Figure A4.18 Modelled leachate NO<sub>3</sub> concentration, Managed coniferous woodland**



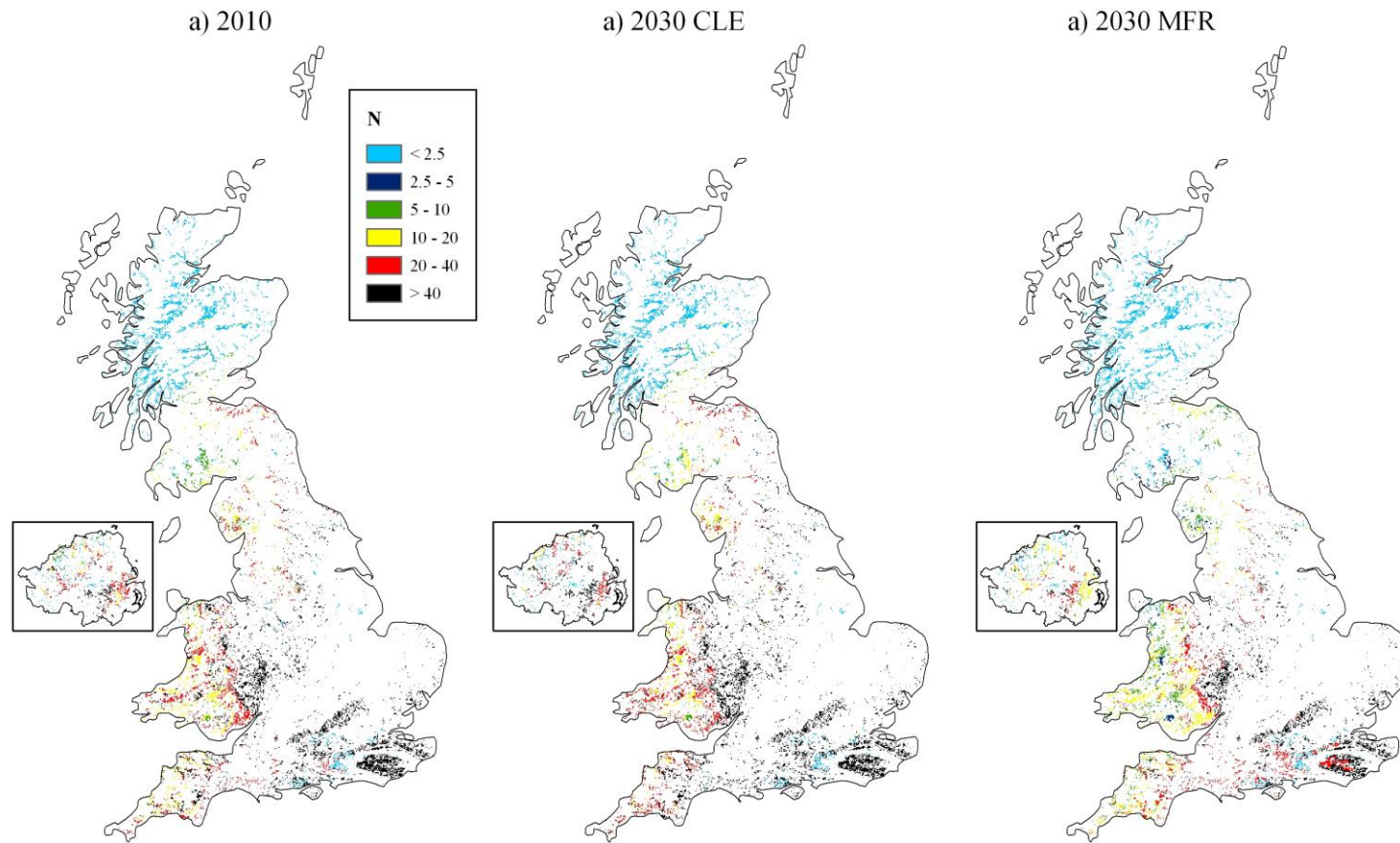
**Figure A4.19 Modelled ANC, Unmanaged woodland**



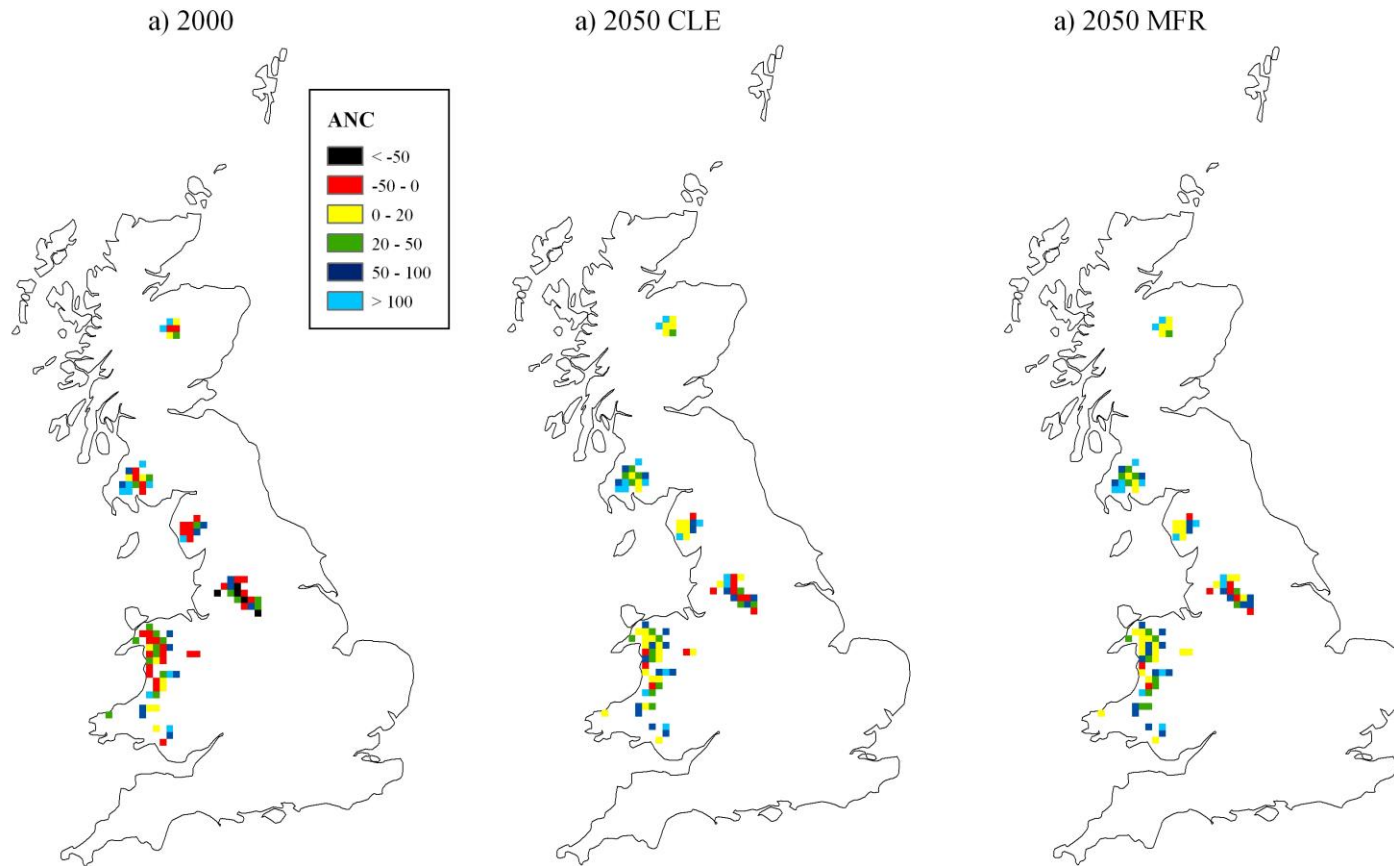
**Figure A4.20 Modelled pH, Unmanaged woodland**



**Figure A4.21 Modelled leachate NO<sub>3</sub> concentration, Unmanaged woodland**



**Figure A4.22 Modelled ANC, Surface Waters**



**Figure A4.23 Modelled NO<sub>3</sub> concentration, Surface Waters**

