1 Supplement ot Comparison of Europe-wide simulations

The following plots show climate-response biases in low-resolution model output, calculated as the difference between the low- and high-resolution predictions, averaged over the period 2010–2014. The value from every high-resolution gridcell was subtracted from the value in the corresponding 10 × 10 low-resolution block. Only fully overlapping low- and high-resolution gridcells are represented. Red indicates a higher value in the low-resolution run than in the high-resolution run.
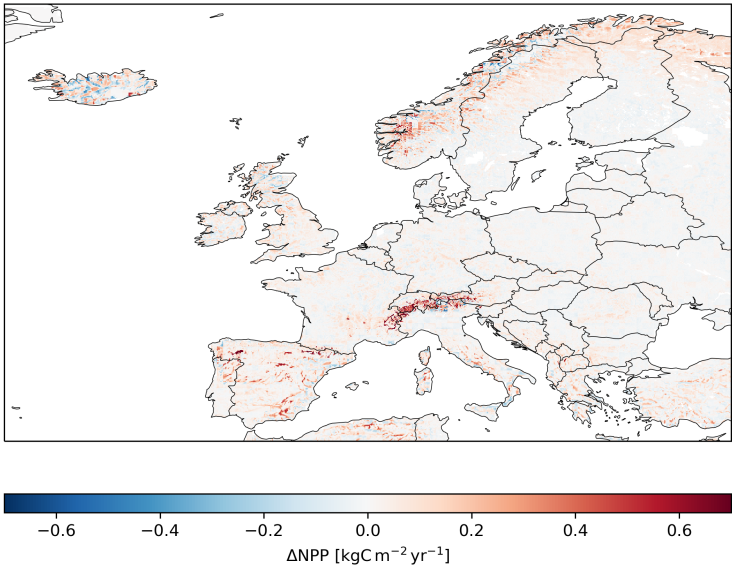
Fig. S1. Net Primary Productivity
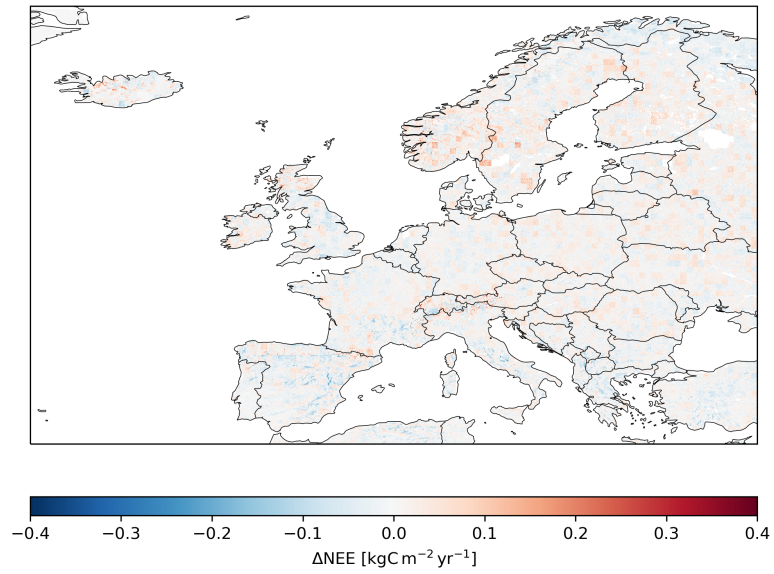
Fig. S2. Net ecosystem productivity
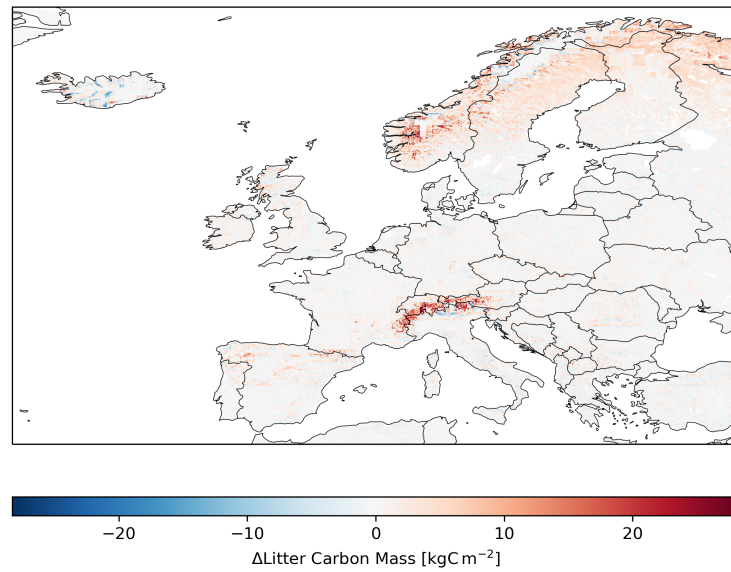
Fig. S3. Amount of carbon stored in litter
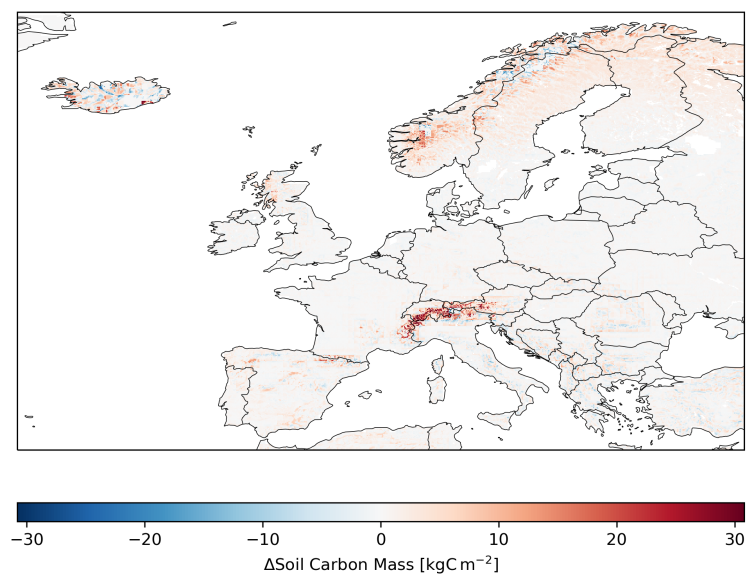
Fig. S4. Amount of carbon stored in the soil
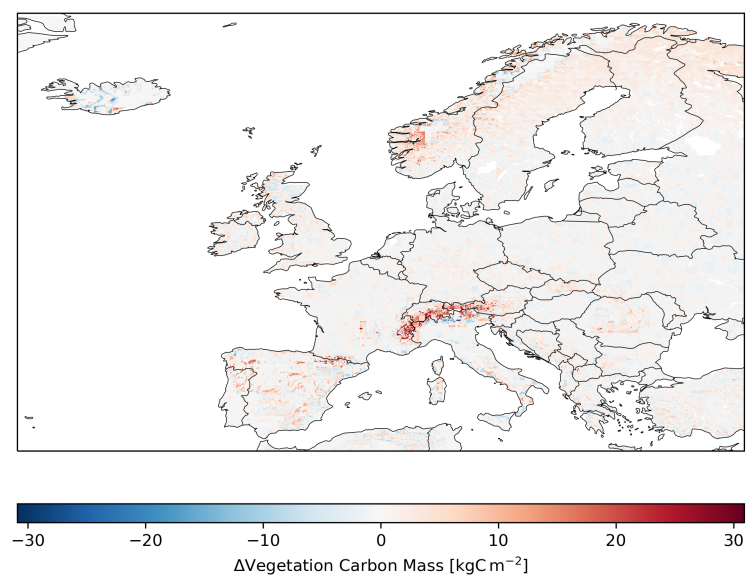
Fig. S5. Amount of carbon stored in above-ground vegetation
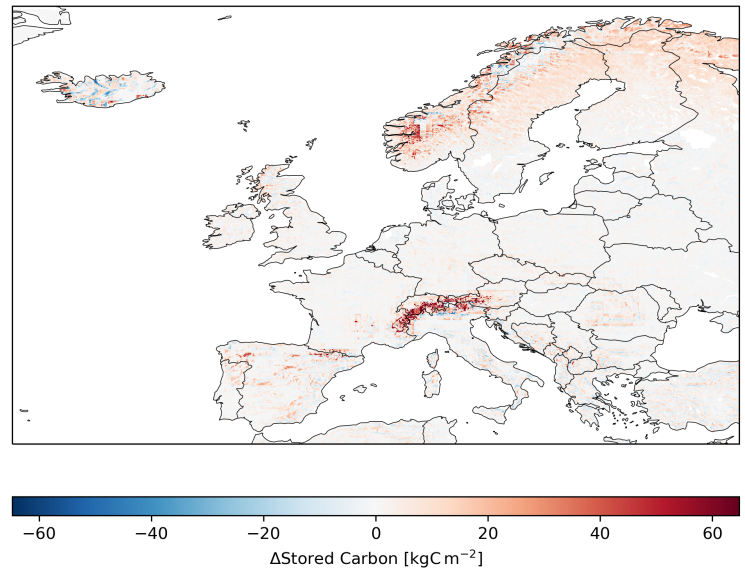
Fig. S6. Total amount of stored carbon
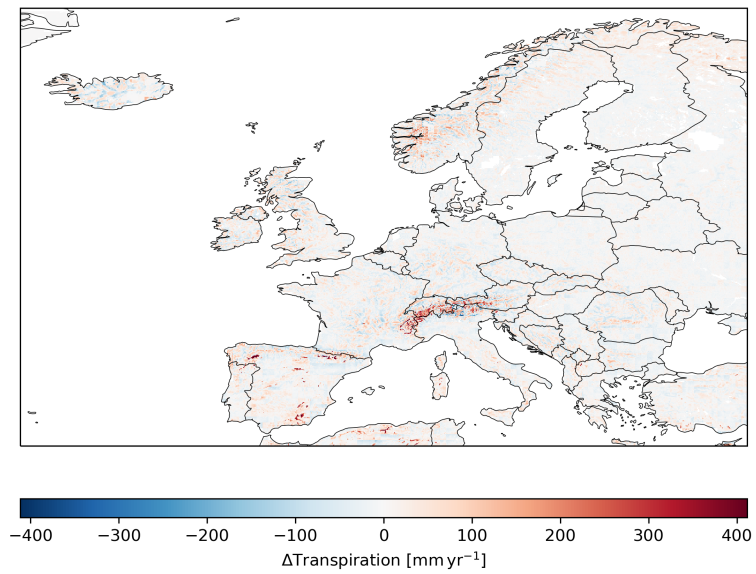
Fig. S7. Aggregated ecosystem transpiration
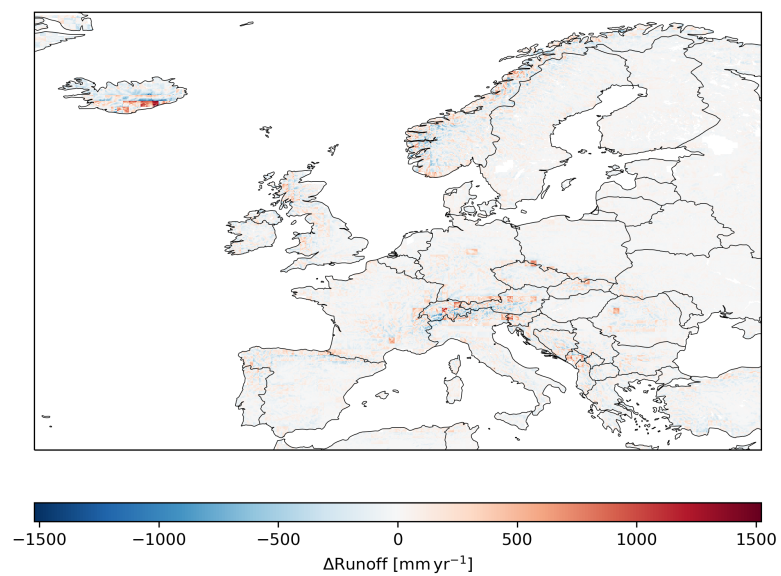
Fig. S8. Runoff
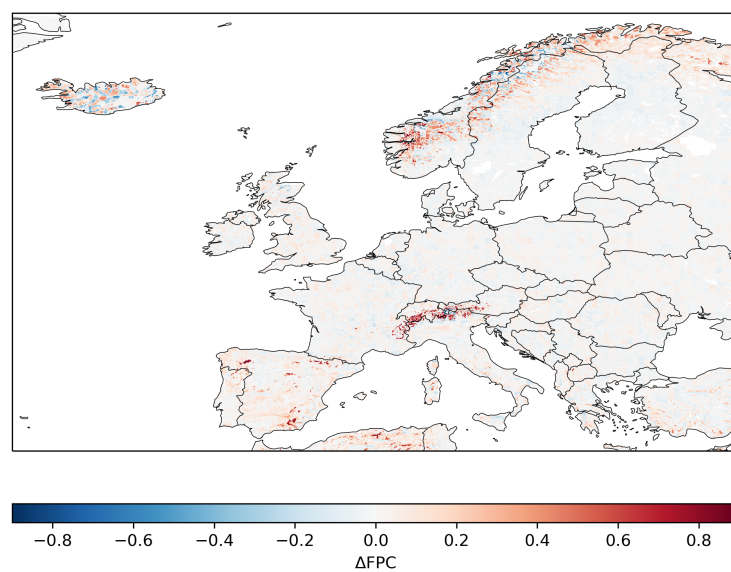
Fig. S9. Foliar Projective Cover

Fig. S10. Leaf Area Index