

Appendix

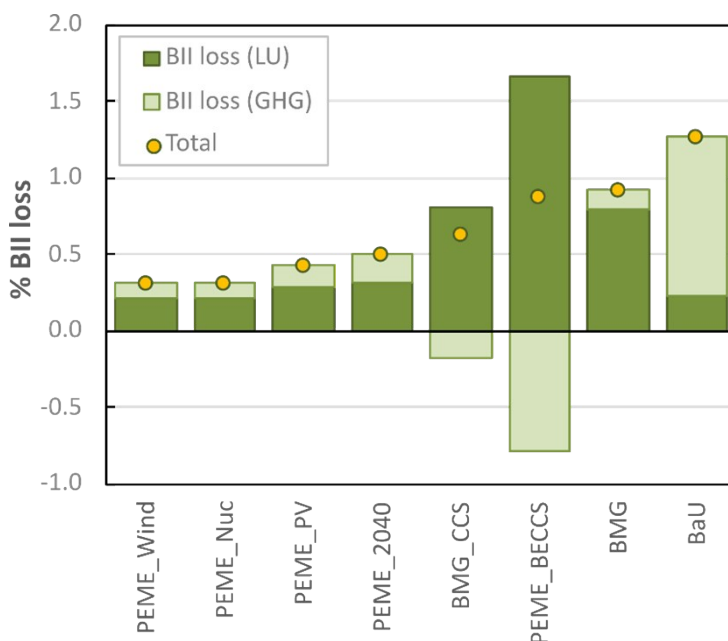


Figure A1 Contribution of the environmental stressors to the PB of biosphere integrity. The bars are arranged in ascending order of total impact. (BII: biodiversity intactness index; LU: land use stressor; GHG: greenhouse gas emissions stressor).

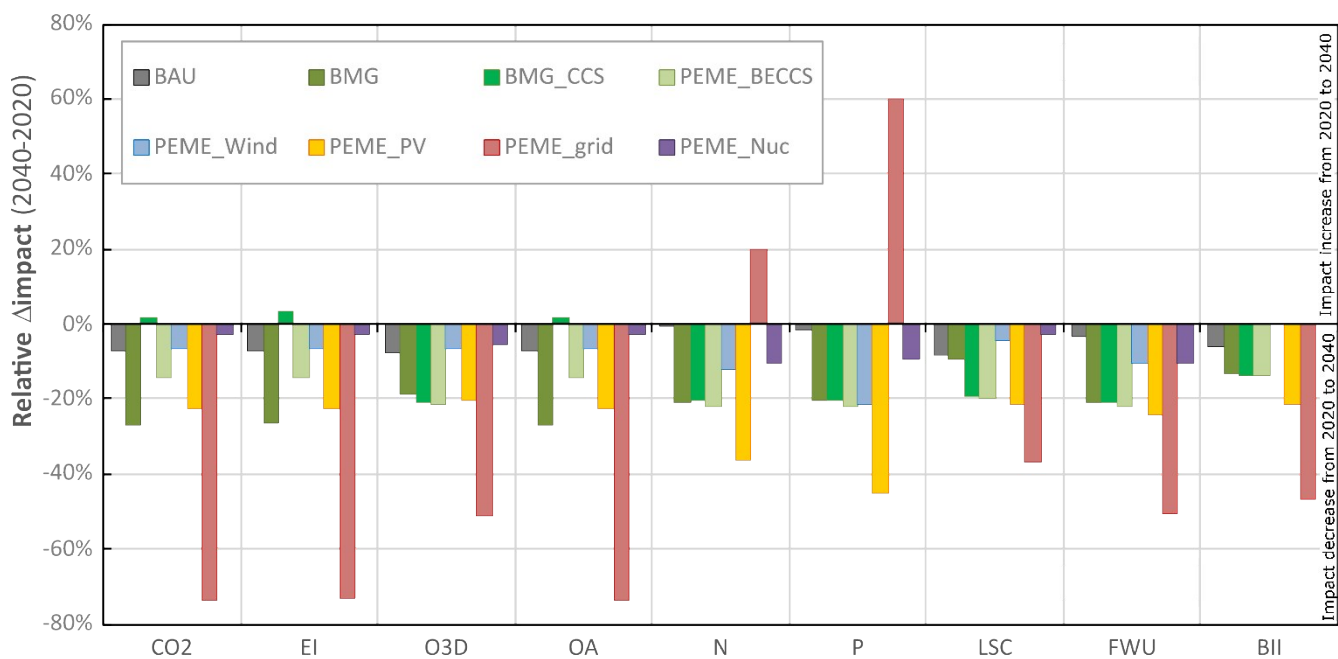


Figure A2 Relative impact variation between 2040 and 2020 scenarios. Negative values denote better performance for the 2040 scenario under the specific control variables of the PBs. (CO₂: Atmospheric CO₂ concentration; EI: Energy imbalance at the top of atmosphere; O₃D: Stratospheric ozone depletion; OA: Ocean acidification; P: Biogeochemical phosphorus flow, global; N: Biogeochemical nitrogen flow, global; LSC: Land-system change, global; FWU: Freshwater use, global; BII: Biosphere integrity).