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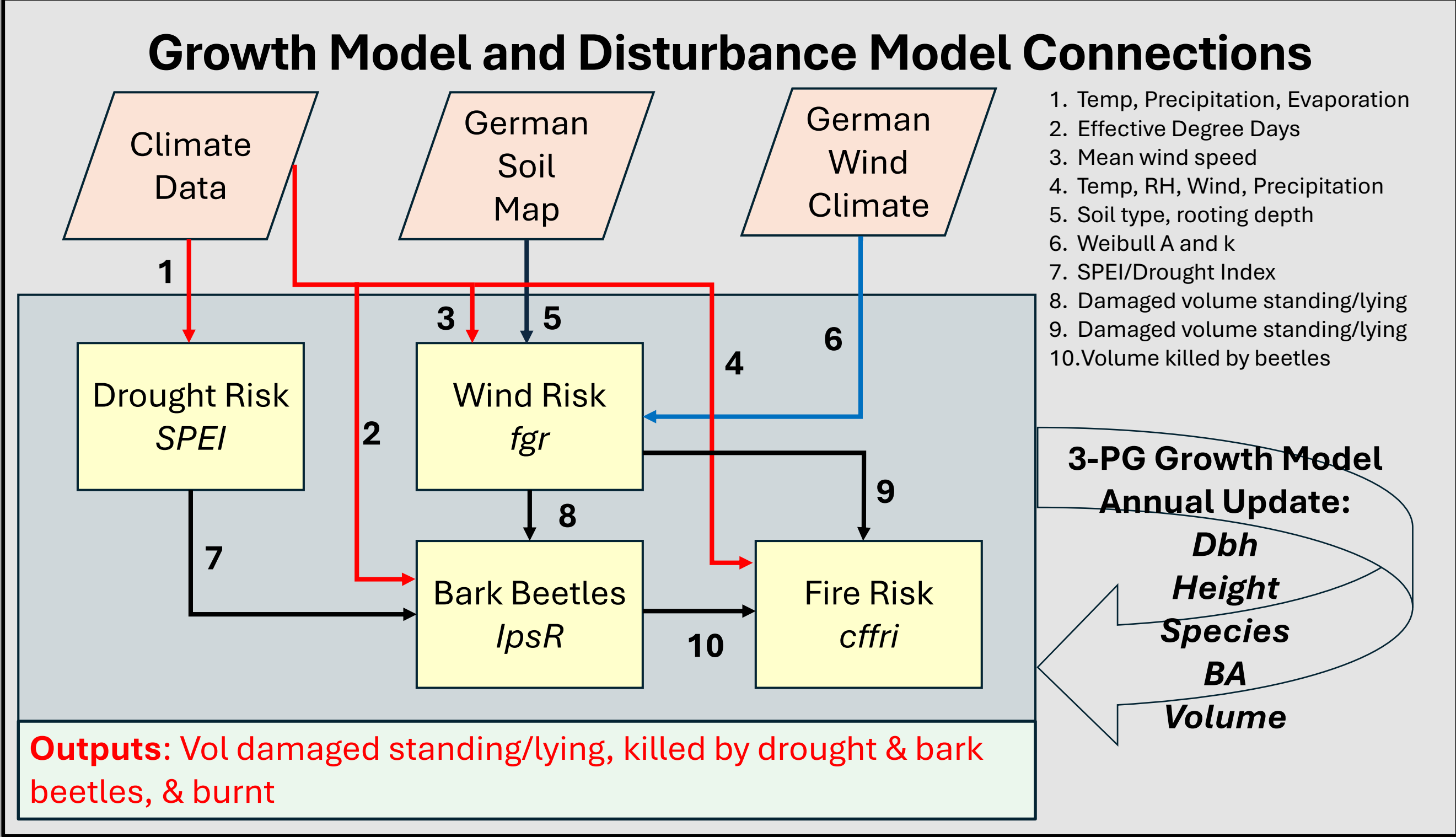
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Modelling Damage Risk to German & European Forests

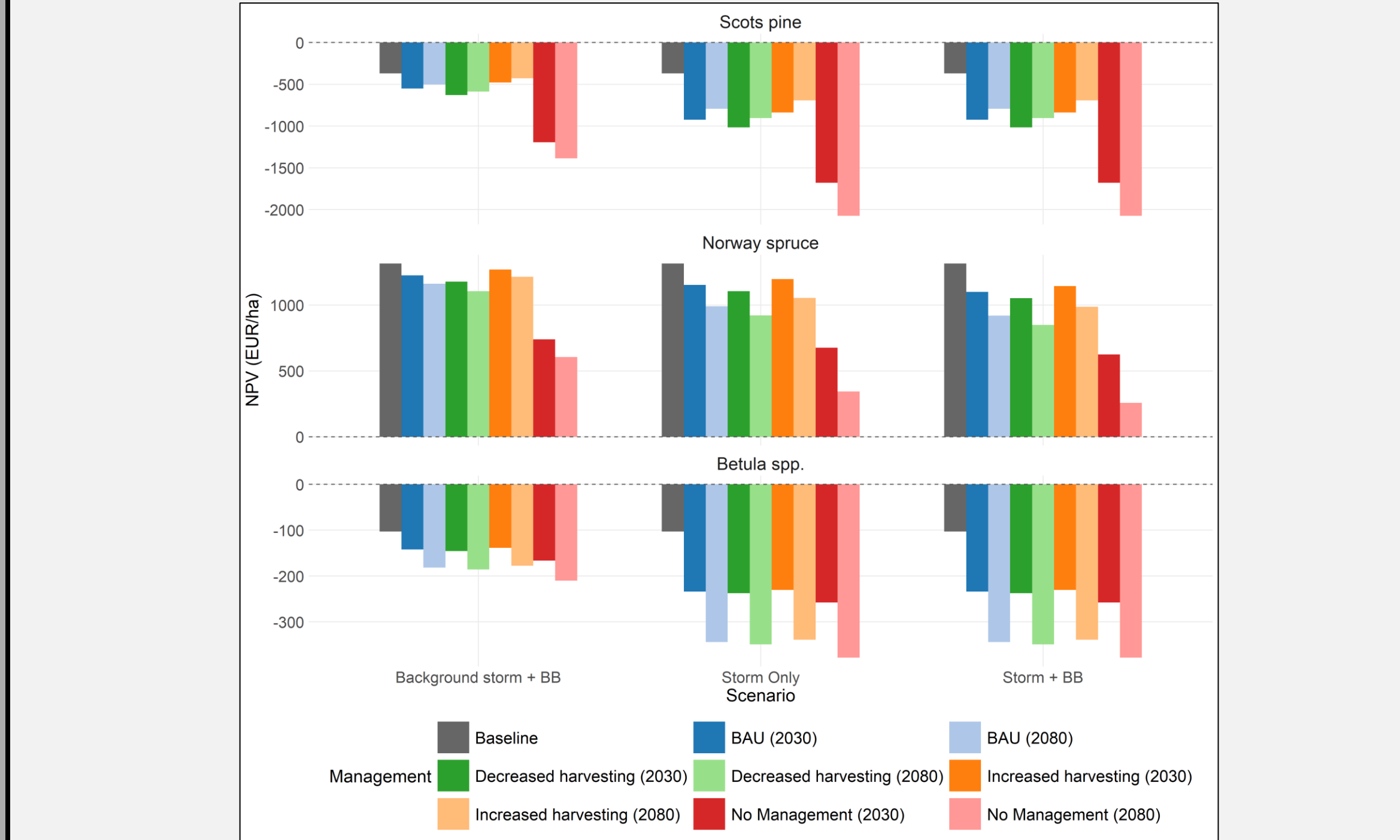
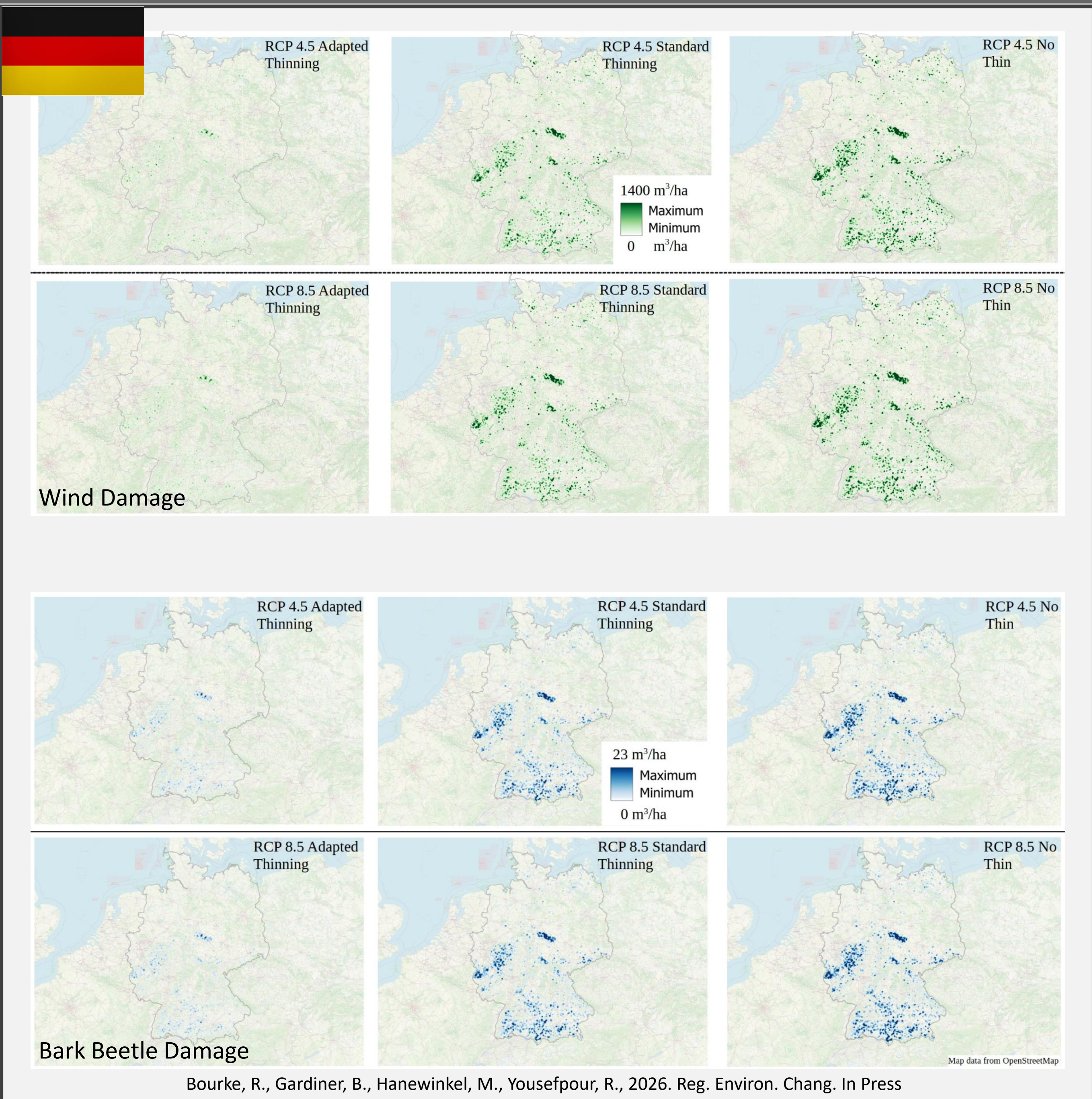
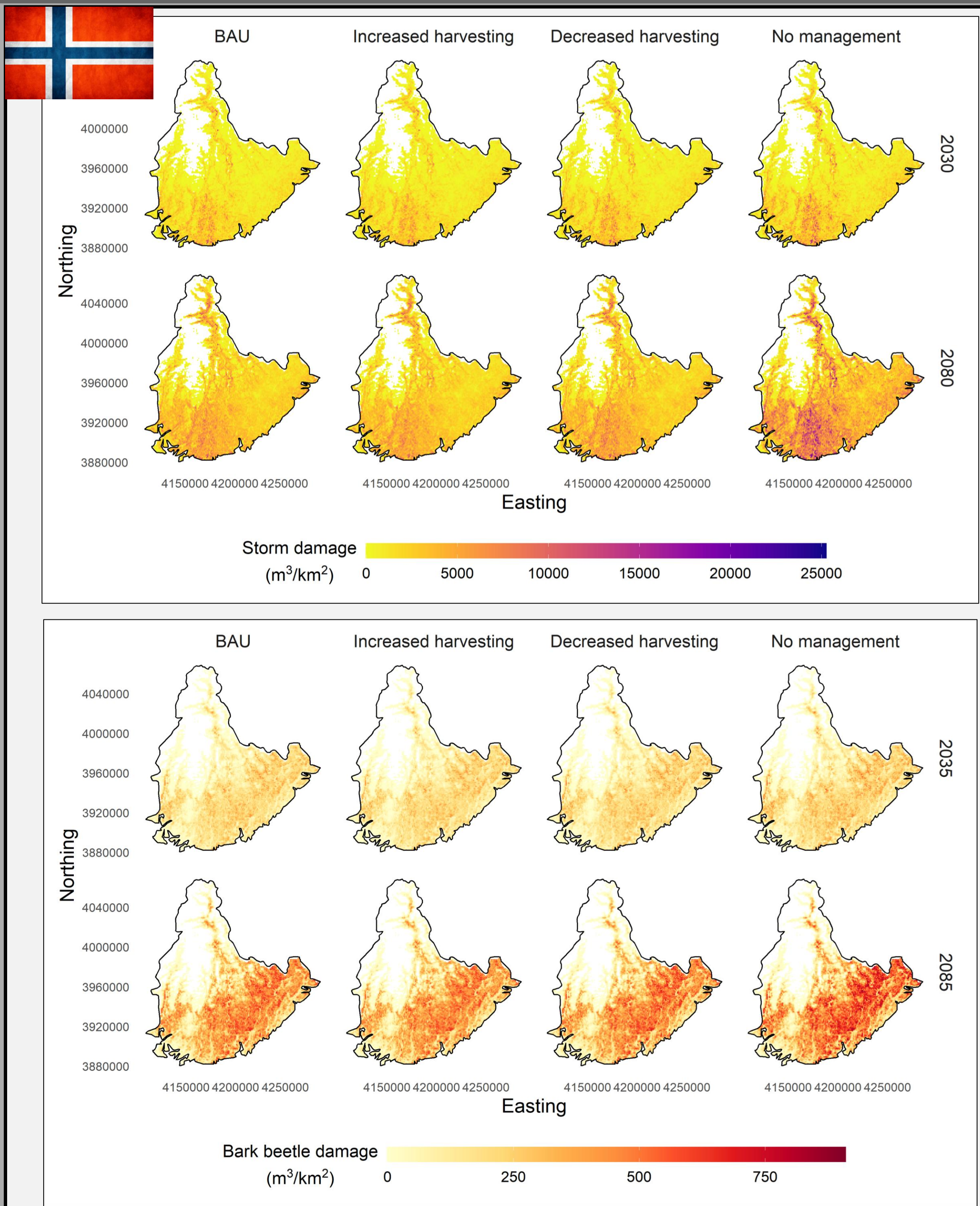
- Forest disturbance is increasing alarmingly in Germany and Europe.
- Many forest disturbances are connected, with one disturbance leading to further damage from another damage agent.
- Modelling forest growth and coupled disturbances in a changing climate is a serious challenge because of differences in spatial and temporal scales.
- Predictions of future wind and bark beetle damage for different management options in the changing climate have been made in Norway & Germany
- Modelling is ongoing to investigate “optimised” management of the forests in the Altdorfer Wald, Baden-Württemberg against threats from wind, bark beetles and drought.



Bark Beetle Damage in the Harz Mountains



Projected Damage to Forests in Norway & Germany from Wind, Bark Beetles & Drought



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