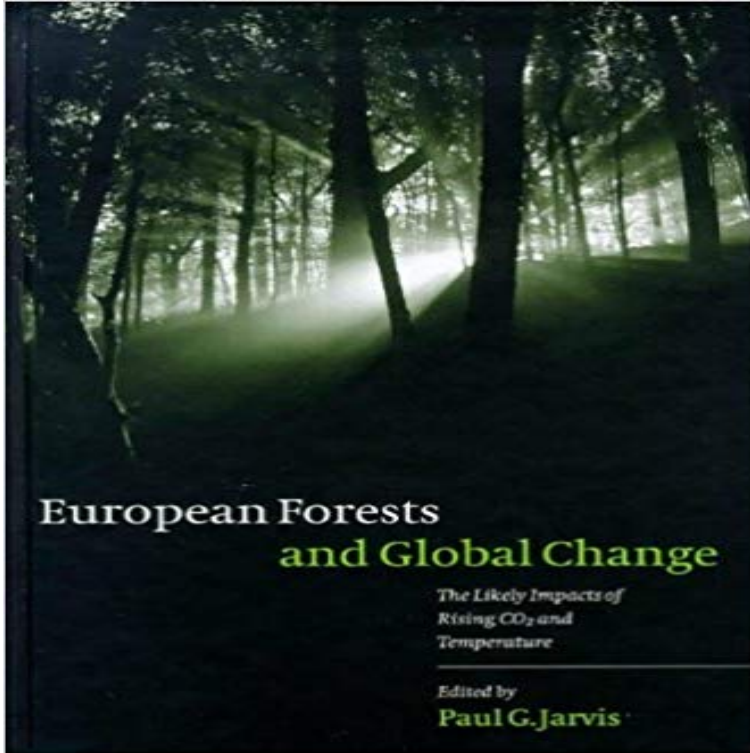


European Forests and Global Change: The Likely Impacts of Rising CO₂ and Temperature



Studies of global climate change predict that increases in atmospheric CO₂ concentration and temperature are expected to occur over the next century. To help gain an insight into the potential effect of these changes on forests, this book describes how major European tree species respond to experimentally manipulated environmental conditions. The contributors describe the effects on photosynthesis, respiration, and development and use the results to generate models of the likely response of European forests to the predicted changes in climate. The volume encompasses studies carried out under the ECOCRAFT (European Collaboration on CO₂ Responses Applied to Forests and Trees) program, focusing on the major tree species found in eight European countries. As such, it provides an authoritative report of the current status of European research into this important area of global environmental biology.

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