



## **Transition III - IV**

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In the third chapter, my colleagues and I highlighted the positive effect of tree diversity on carbon storage in forests, by increasing tree aboveground productivity and soil carbon concentrations. Moreover, we highlighted the mechanisms behind tree diversity effects on soil carbon storage and the scale-dependency of these mechanisms. In this last chapter, we explored the implications of these results to mitigate increasing atmospheric carbon and how tree diversity could mitigate the effects of climate change for ecosystem functioning and human well-being.