



Plant diversity sustains all animal life, and the genetic diversity within plants underpins global food security. This text provides a practical and theoretical introduction to the strategies and actions to adopt for conserving plant genetic variation, as well as explaining how humans can exploit this diversity for sustainable development. Notably readable, it initially offers current knowledge on the policy context of plant genetic resources. The authors then discuss strategies from *in situ* and *ex situ* conservation to crop breeding, exploring how plant genetic resources can be used to improve food security in the face of increasing agro-biodiversity loss, human population growth and climate change. Each chapter draws on examples from the literature or the authors' research and includes further reading references. Containing other useful features such as a glossary, it is invaluable for professionals and undergraduate and graduate students in plant sciences, ecology, conservation, genetics and natural resource management.

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Cover image: Fruits and vegetables stall at a market in the old quarter, Hanoi, Vietnam. Credit: Paul Biris / Moment / Getty Images

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