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Human activities have induced conspicuous global changes including, inter alia, climate change, land use change, nitrogen deposition, and biological invasions, which negatively impact biodiversity and ecosystem function in the Anthropocene. The decline in biodiversity and the deterioration of ecosystem functions and services may hamper the sustainable development of both the economy and society. Although numerous studies have been conducted over the past few decades, the biological and ecological mechanisms governing how global changes affect biodiversity and ecosystem functions are not fully understood. This reprint presents studies that advance our understanding of how global change drivers affect biodiversity and ecosystem functioning.

