Land sparing or land sharing: How do we feed the world while protecting the environment?

It is one of the biggest questions in conservation: Should we be sharing our landscapes with nature by reviving small woodlands and adopting small-scale eco-friendly farming? Or should we instead be sparing large tracts of land for nature's exclusive use – by creating more national parks and industrializing agriculture on existing farmland?

The argument between "sparing" and "sharing" as a conservation tool has been raging since researchers first coined the terms more than a decade ago. Arguably it began almost half a century before when Norman Borlaug, the father of the Green Revolution of high-yielding crop varieties, declared that "by producing more food per unit of cultivated area, more land would be available for other uses, including recreation and wildlife."

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So where do things stand today? It begins to look as if the sparers are winning the narrow scientific argument by showing that locally, and in the short term, more species are usually saved by segregating conservation from agriculture and other human land uses. But critics say that begs more questions than it answers, overlooking the issue of the long-term sustainability of such islands of biodiversity and failing to address whether we actually need to grow more food.

Read full, original article: Sparing vs Sharing: The Great Debate Over How to Protect Nature