

# Land and its Uses – Actual and Potential: An Environmental Appraisal // F. T. Last, M. C. B. Hotz, B. G. Bell // Springer Science & Business Media, 2013 // 610 pages // 9781461321699 // 2013

How are land use and land use modeled in scenario exercises? Models for predicting future LUCC change use theory to link changes with its biophysical and socio-economic drivers. Statistical approaches are then used to establish historical relationship between LUCC and its drivers. Three main types of models have evolved based on different disciplines: geographic, economic and ecological models. Geographic models tend to better allocate land use to areas with minimal effect on the ecosystems. The models better capture the potential productivity of different land uses and are better able to reflect land management than economic models. However, geographic models assume that prices and other international feedback variables are exogenous. Chapter: 4 Environmental Threats and Opportunities. Get This Book. Visit [NAP.edu/10766](http://NAP.edu/10766) to get more information about this book, to buy it in print, or to download it as a free PDF. Looking for other ways to read this? In addition to reading online, this title is available in these formats: Our object is not to predict what environmental damages might be caused by development at particular times and places—a largely futile activity for all but the most specific and immediate development plans. The hazards fall into five broad categories: land and water pollution, air pollution, contaminants of the human environment (e.g., indoor air pollution), resource losses, and natural disasters. Start studying Environmental Chapter 4. Learn vocabulary, terms and more with flashcards, games and other study tools. Politics may be instrumental in the adoption of environmental policies that might not be scientifically justified Example: there is evidence that low levels of pollutants in water don't cause any adverse effects, but consumers may demand that they be taken out. Define "environmental policy". Environmental policy = a statement by an organization (public or private) of its intentions and principles in relation to its overall environmental performance that provides a framework for action and for the setting of its environmental objects and targets. the acceptable level of risk associated with a potential hazard. What does the precautionary principle state?