land use change. Land-use and land-cover changes affect local, regional, and global climate processes. agriculture, forests, rural and urban communities, and Native American lands. a recent building boom in what is known as the "wildland-urban interface." show that introduction of irrigated agriculture can alter regional precipitation. Modelling Land-Use Change: Progress and Applications - Google Books Result The DSS Graphical User Interface provides tabular and geographical reporting capabilities. proposed approach to assess the impact of changes in prices and in agricultural policy on land use patterns and on forestry. Document Outline