

Contents

<i>Chapter</i>	<i>Page</i>
1. Executive Summary..	3
2. Introduction	17
3. International Relations and Foreign Policy,,,,	29
4. Public Interest in Remote Sensing	45
5. U.S. Government Needs for Remote-Sensing Data	69
6. National Security Needs and Issues	93
 <i>Appendix</i>	 <i>Page</i>
A. Remote Sensing in the Developing Countries	103
B. The Use of Landsat Data in State Information Systems	114
C. Survey of University Programs in Remote Sensing Funded Under Grants From the NASA University-Space Application Program	121
D. Remote Sensing in Agriculture.	126
E. Hydrology	129
F. Forestry	132
G. Monitoring Desertification Processes by Landsat	135
H. El Nino and Climatic Variations	138
I. Monitoring Volcanic Activity	139