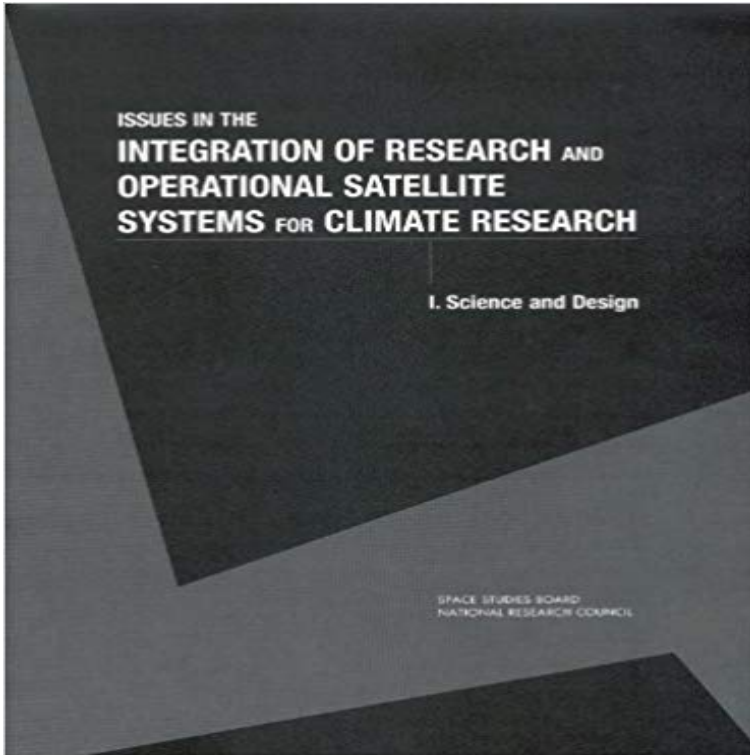


Issues in the Integration of Research and Operational Satellite Systems for Climate Research: Part I. Science and Design (Pt. 1)



Currently, the Departments of Defense (DOD) and Commerce (DOC) acquire and operate separate polar-orbiting environmental satellite systems that collect data needed for military and civil weather forecasting. The National Performance Review (NPR) and subsequent Presidential Decision Directive (PDD), directed the DOD (Air Force) and the DOC (National Oceanic and Atmospheric Administration, NOAA) to establish a converged national weather satellite program that would meet U.S. civil and national security requirements and fulfill international obligations. NASA's Earth Observing System (EOS), and potentially other NASA programs, were included in the converged program to provide new remote sensing and spacecraft technologies that could improve the operational capabilities of the converged system. The program that followed, called the National Polar-orbiting Operational Environmental Satellite System (NPOESS), combined the follow-on to the DOD's Defense Meteorological Satellite Program and the DOC's Polar-orbiting Operational Environmental Satellite (POES) program. The tri-agency Integrated Program Office (IPO) for NPOESS was subsequently established to manage the acquisition and operations of the converged satellite. Issues in the Integration of Research and Operational Satellite Systems for Climate Research analyzes issues related to the integration of EOS and NPOESS, especially as they affect research and monitoring activities related to Earth's climate and whether it is changing.

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Remote Sensing 36(N5 PT1): 1396-1411. **European Defence Agency Role in Research & Technology** Issues in the Integration of Research and Operational Satellite Systems for Satellite Systems for Climate Research Part I Science and Design Pt 1 (2000) (?). **Issues in the Integration of Research and Operational Satellite** May 15, 2014 bill includes \$1.1 billion for the operations and systems of the Na- tional Weather the Joint Polar Satellite System (JPSS) (\$917 million) and the Geo- stationary . entific research and science education programs. Related er stations that are part of the U.S. Regional Climate Reference. Network. **Web of Science Help** Sep 28, 2016 In 2017, the U.S. Office of Naval Research will initiate a 5-year project Arctic Mobile Observing System (AMOS) that will develop new system design and Linkages associated with a Changing Arctic climate) . under Themes 1 and 2 to the development of integrated strategies to meet the . 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