

1. Record Nr.	UNISALENTO991001358579707536
Titolo	Pour comprendre le 19. : histoire et philosophie des sciences a la fin du siecle / sous la direction de Jean-Claude Pont...[et al.]
Pubbl/distr/stampa	Firenze : Olschki, 2007
ISBN	9788822256119
Descrizione fisica	xlvi, 543 p. ; 25 cm
Collana	Bibliotheque d'histoire des sciences ; 9
Altri autori (Persone)	Pont, Jean-Claude
Disciplina	501
Soggetti	Epistemologia - Francia
Lingua di pubblicazione	Francese
Formato	Materiale a stampa
Livello bibliografico	Monografia
2. Record Nr.	UNINA9910973819703321
Titolo	Issues in the integration of research and operational satellite systems for climate research / / Committee on Earth Studies, Space Studies Board, Commission on Physical Sciences, Mathematics, and Applications, National Research Council
Pubbl/distr/stampa	Washington, D.C., : National Academy Press, c2000
ISBN	9780309183819 0309183812 9780309558204 0309558204 9780309528597 0309528593
Edizione	[1st ed.]
Descrizione fisica	1 online resource (98 p.)
Collana	Compass series
Disciplina	551.6/07/2073
Soggetti	Climatology - Research - United States Satellite meteorology Artificial satellites in earth sciences

Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	1. Science and design -- 2. Implementation.
Sommario/riassunto	<p>This is the second of two Space Studies Board reports that address the complex issue of incorporating the needs of climate research into the National Polar-orbiting Operational Environmental Satellite System (NPOESS). NPOESS, which has been driven by the imperative of reliably providing short-term weather information, is itself a union of heretofore separate civilian and military programs. It is a marriage of convenience to eliminate needless duplication and reduce cost, one that appears to be working. The same considerations of expediency and economy motivate the present attempts to add to NPOESS the goals of climate research. The technical complexities of combining seemingly disparate requirements are accompanied by the programmatic complexities of forging further connections among three different agencies, with different mandates, cultures, and congressional appropriators. Yet the stakes are very high, and each agency gains significantly by finding ways to cooperate, as do the taxpayers. Beyond cost savings, benefits include the possibility that long-term climate observations will reveal new phenomena of interest to weather forecasters, as happened with the El Nino/Southern Oscillation. Conversely, climate researchers can often make good use of operational data. Necessity is the mother of invention, and the needs of all the parties involved in NPOESS should conspire to foster creative solutions to make this effort work. Although it has often been said that research and operational requirements are incommensurate, this report and the phase one report (Science and Design) accentuate the degree to which they are complementary and could be made compatible. The reports provide guidelines for achieving the desired integration to the mutual benefit of all parties. Although a significant level of commitment will be needed to surmount the very real technical and programmatic impediments, the public interest would be well served by a positive outcome.</p>