

1. Record Nr.	UNINA9910444357303321
Titolo	Indian spine journal
Pubbl/distr/stampa	Mumbai : , : Wolters Kluwer - Medknow, , [2018]-
ISSN	2589-5087
Descrizione fisica	1 online resource
Soggetti	Spine - abnormalities Spinal Diseases Spinal Injuries Spine - Surgery Spine - Wounds and injuries Spine - Diseases - Treatment Spine - Abnormalities Spinal cord - Diseases Colonne vertébrale - Chirurgie Colonne vertébrale - Maladies - Traitement Colonne vertébrale - Malformations Moelle épinière - Maladies Periodical periodicals. Periodicals. Périodiques.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Refereed/Peer-reviewed

2. Record Nr.	UNINA9910959957003321
Titolo	From research to operations in weather satellites and numerical weather prediction : crossing the valley of death // Board on Atmospheric Sciences and Climate, Commission on Geosciences, Environment, and Resources, National Research Council
Pubbl/distr/stampa	Washington, D.C., : National Academy Press, c2000
ISBN	9786610185542 9780309171656 0309171652 9781280185540 1280185546 9780309562911 0309562910
Edizione	[1st ed.]
Descrizione fisica	1 online resource (96 p.)
Disciplina	551.63/4
Soggetti	Satellite meteorology - United States Numerical weather forecasting - United States
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 (p. 57-59).
Nota di contenuto	""FROM RESEARCH TO OPERATIONS IN WEATHER SATELLITES AND NUMERICAL WEATHER PREDICTION""; ""Copyright""; ""Acknowledgments""; ""Preface""; ""Contents""; ""Executive Summary""; ""BASC FINDINGS""; ""KEY RECOMMENDATIONS RELATING TO EMC""; ""Added Requirements to Serve Future Needs""; ""KEY RECOMMENDATIONS FOR THE ENVIRONMENTAL SATELLITE PROGRAMS""; ""1 Introduction""; ""EXPANSION OF THE FORECASTING FAMILY""; ""2 Transition from Research to Operations in Weather Satellites and Numerical Weather Prediction""; ""IMPROVING THE FORECAST SYSTEM""; ""Transition to Operations"" ""GUIDELINES FOR THE TRANSITION PROCESS""""3 Developing, Enhancing, and Maintaining Numerical Forecast Capability in the U.S.""; ""CURRENT SITUATION AT EMC""; ""EXAMPLES OF TRANSITIONS AT EMC""; ""BASC ASSESSMENT OF THE TRANSITION PROCESS""; ""A Strong

Research Program"; "A Healthy Infrastructure"; "Strong Interface with the User Community"; "International Observation and Data Access Partnerships"; "Continuous Evaluation Process";
"RECOMMENDATIONS FOR EMC"; "Improvements Required to Ensure Continuation of Current Capabilities"; "Added Requirements to Serve Future Needs"
"Management Changes with Little Associated Costs"4 Environmental Satellites"; "RESEARCH SCIENTIST INVOLVEMENT IN NPOESS";
"ACCESSIBILITY OF ENVIRONMENTAL SATELLITE DATA";
"COORDINATION AMONG OBSERVATIONAL SYSTEMS"; "BASC ASSESSMENT OF TRANSITION PROCESS"; "A Strong Research Program"; "A Healthy Infrastructure"; "Strong Interface with the User Community"; "International Observation and Data Access Partnerships"; "Continuous Evaluation Process";
"RECOMMENDATIONS FOR THE ENVIRONMENTAL SATELLITE PROGRAMS"; "5 Concluding Remarks"; "References"
"Acronyms and Abbreviations"Board Members' Biographies";
"Appendix A"; "AGENDA FOR THE 1999 BASC SUMMER STUDY";
"Monday, June 28 OPEN SESSION"; "Tuesday, June 28 OPEN SESSION";
"Wednesday, June 30 OPEN SESSION"; "Thursday, July 1 OPEN SESSION"; "Friday, July 2 CLOSED SESSION"; "Appendix B National Weather Service Organization"; "GENERAL DESCRIPTION"; "The National Centers for Environmental Prediction"

Sommario/riassunto

This workshop report examines the capability of the forecast system to efficiently transfer weather and climate research findings into improved operational forecast capabilities. It looks in particular at the Environmental Modeling Center of the National Weather Service and environmental observational satellite programs. Using these examples, the report identifies several shortcomings in the capability to transition from research to operations. Successful transitions from R&D to operational implementation requires (1) understanding of the importance (and risks) of the transition, (2) development and maintenance of appropriate transition plans, (3) adequate resource provision, and (4) continuous feedback (in both directions) between the R&D and operational activities.
