

1. Record Nr.	UNINA9910953823403321
Titolo	Assessment of intraseasonal to interannual climate prediction and predictability / / Committee on Assessment of Intraseasonal to Interannual Climate Prediction and Predictability, Board on Atmospheric Sciences and Climate, Division on Earth and Life Studies
Pubbl/distr/stampa	Washington, D.C., : National Academies Press, 2010
ISBN	9786612787218 9780309161343 0309161347 9781282787216 1282787217 9780309151849 0309151848
Edizione	[1st ed.]
Descrizione fisica	1 online resource (193 p.)
Collana	National Research Council
Disciplina	551.63
Soggetti	Climatology Climatology - Research
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	""Front Matter""; ""Contents""; ""Summary""; ""1 Introduction""; ""2 Climate Prediction""; ""3 Building Blocks of Intraseasonal to Interannual Forecasting""; ""4 Case Studies""; ""5 Best Practices""; ""6 Recommendations and Remarks on Implementation""; ""References""; ""Appendix A Background Information on Statistical Techniques""; ""Appendix B Committee Membersa€? Biographical Information""
Sommario/riassunto	More accurate forecasts of climate conditions over time periods of weeks to a few years could help people plan agricultural activities, mitigate drought, and manage energy resources, amongst other activities; however, current forecast systems have limited ability on these time- scales. Models for such climate forecasts must take into account complex interactions among the ocean, atmosphere, and land surface. Such processes can be difficult to represent realistically. To improve the quality of forecasts, this book makes recommendations

about the development of the tools used in forecasting and about specific research goals for improving understanding of sources of predictability. To improve the accessibility of these forecasts to decision-makers and researchers, this book also suggests best practices to improve how forecasts are made and disseminated.
