

Contents

Front Matter

Foreword	vii
Preface	ix
Dedication	xv

SPM

Summary for Policymakers	3
--------------------------	---

TS

Technical Summary	35
-------------------	----

Chapters

Chapter 1	Framing, Context, and Methods	147
Chapter 2	Changing State of the Climate System	287
Chapter 3	Human Influence on the Climate System	423
Chapter 4	Future Global Climate: Scenario-based Projections and Near-term Information	553
Chapter 5	Global Carbon and Other Biogeochemical Cycles and Feedbacks	673
Chapter 6	Short-lived Climate Forcers	817
Chapter 7	The Earth's Energy Budget, Climate Feedbacks and Climate Sensitivity	923
Chapter 8	Water Cycle Changes	1055
Chapter 9	Ocean, Cryosphere and Sea Level Change	1211
Chapter 10	Linking Global to Regional Climate Change	1363
Chapter 11	Weather and Climate Extreme Events in a Changing Climate	1513
Chapter 12	Climate Change Information for Regional Impact and for Risk Assessment	1767
Atlas		1927

Annexes

Annex I	Observational Products	2061
Annex II	Models	2087
Annex III	Tables of Historical and Projected Well-mixed Greenhouse Gas Mixing Ratios and Effective Radiative Forcing of All Climate Forcers	2139
Annex IV	Modes of Variability	2153
Annex V	Monsoons	2193
Annex VI	Climatic Impact-driver and Extreme Indices	2205
Annex VII	Glossary	2215
Annex VIII	Acronyms	2257
Annex IX	Contributors to the IPCC WGI Sixth Assessment Report	2267
Annex X	Expert Reviewers of the IPCC Sixth Assessment Report	2287
Index		2339

