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

Downloaded from https://www.cambridge.org/core. UNIVERSIDAD AUTONOMA METROPOLITANA, on 18 Nov 2026 at 19:57:24, subject to the Cambridge Core terms of use, available at https://www.cambridge.org/core/terms. https://doi.org/10.1017/9781009157896

Downloaded from https://www.cambridge.org/core. UNIVERSIDAD AUTONOMA METROPOLITANA, on 18 Nov 2026 at 19:57:24, subject to the Cambridge Core terms of use, available at https://www.cambridge.org/core/terms. https://doi.org/10.1017/9781009157896