

Contents

Preface	iii
Global Overview	1
Calendar of selected events in 2007	2
Focus on climate change	4
Significant climate anomalies and events	8
Pressures on biodiversity	10
Environmental governance	14
Feature Focus: Putting the Pieces Together: Using Markets and Finance to Fight Climate Change	17
Introduction	18
Taking responsibility	19
Carbon markets—cap-and-trade	24
The future for emissions trading	29
The role of governments	32
Emerging Challenges: Methane from the Arctic	37
Arctic climate feedback	38
Methane from thawing permafrost	39
Methane from hydrates	41
Changes in nature	43
Looking ahead	46
Acronyms and abbreviations	49
Acknowledgements	50