

CONTENTS

Introduction	I
Chapter One	
The digital world's environmental benefits: fiction vs. fact	13
Chapter Two	
Smartphones and the art of Zen	33
Chapter Three	
The dark matter of a digital world	57
Chapter Four	
Investigating a cloud	75
Chapter Five	
An appalling waste of electricity	97
Chapter Six	
Battle of the far north	119
Chapter Seven	
Expansion of the digital universe	141
Chapter Eight	
When robots out-pollute humans	161
Chapter Nine	
Twenty thousand tentacles under the sea	179
Chapter Ten	
The geopolitics of digital infrastructure	201
Conclusion	219
Acknowledgements	225
Appendixes	229
Notes	243