

# CONTENTS

*List of Illustrations* vii

INTRODUCTION 1

1: MAKING CLIMATE DYNAMIC  
IN THE HUMAN PERIOD 33

Plant Macrofossils and Geoarchaeological Evidence

2: CLIMATE AS A DRIVER OF  
HUMAN HISTORY 64

Pollen and Tree Rings

3: PREDICTION OR PROPHECY  
DURING THE DUST BOWL? 97

Pollen and Tree Rings

4: NARRATING THE PLEISTOCENE  
EXTINCTIONS 124

Sloth Dung and Packrat Middens

5: LOOKING FORWARD WHEN THE  
FUTURE IS UNPRECEDENTED 150

Analogs

CONCLUSION: PROXY WORK TODAY 175

A Complex Whole

*Acknowledgments* 181

*List of Abbreviations* 185

*Notes* 187

*Index* 235