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# Human Impacts on Weather and Climate

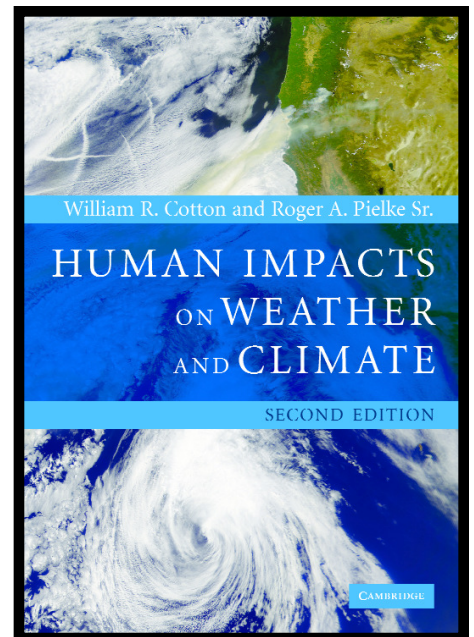
Second Edition

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THIS NEW EDITION OF HUMAN IMPACTS ON WEATHER AND CLIMATE EXAMINES THE SCIENTIFIC AND POLITICAL DEBATES SURROUNDING ANTHROPOGENIC IMPACTS ON THE EARTH'S CLIMATE AND PRESENTS THE MOST RECENT THEORIES, DATA AND MODELING STUDIES. THE BOOK DISCUSSES THE CONCEPTS BEHIND DELIBERATE HUMAN ATTEMPTS TO MODIFY THE WEATHER THROUGH CLOUD SEEDING, AS WELL AS INADVERTENT MODIFICATION OF WEATHER AND CLIMATE ON THE REGIONAL SCALE. THE NATURAL VARIABILITY OF WEATHER AND CLIMATE GREATLY COMPLICATES OUR ABILITY TO DETERMINE A CLEAR CAUSE-AND-EFFECT RELATIONSHIP TO HUMAN ACTIVITY. THE AUTHORS DESCRIBE THE BASIC THEORIES AND CRITIQUE THEM IN SIMPLE AND ACCESSIBLE TERMS. THIS FULLY REVISED EDITION WILL BE A VALUABLE RESOURCE FOR UNDERGRADUATE AND GRADUATE COURSES IN ATMOSPHERIC AND ENVIRONMENTAL SCIENCE, AND WILL ALSO APPEAL TO POLICY MAKERS AND GENERAL READERS INTERESTED IN HOW HUMANS ARE AFFECTING THE GLOBAL CLIMATE.



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## CONTENTS

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