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Climate-Resilient Infrastructure

ADAPTIVE DESIGN AND RISK MANAGEMENT

Committee on Adaptation to a Changing Climate

Edited by
Bilal M. Ayyub

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Climate-Resilient Infrastructure

Adaptive Design and Risk Management

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ASCE Committee on Adaptation to a
Changing Climate



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CONTENTS

PREFACEix

ACKNOWLEDGMENTSxi

ACRONYMS xiii

1. INTRODUCTION 1

1.1 Problem Definition, Needs, and Significance of Impact 1

1.2 Objective and Scope 2

1.3 Why Standards Matter..... 4

1.4 Structure of Manual of Practice 5

1.5 Topics Warranting Additional Analysis 6

1.6 Uses and Users 8

1.7 References 8

2. A CHANGING CLIMATE: PROBLEM DEFINITION..... 11

2.1 Significance of Changes in Weather and Climate 11

2.2 Consensus on Observed Changes in Historical Climate 12

2.3 Understanding Drivers of Climate Change 18

2.4 Projected Changes in Future Climate 20

2.5 Implications for Infrastructure and System Performance 25

2.6 References 44

3. OBSERVATIONAL METHOD 51

3.1 Background..... 51

3.2 Modifying the Observational Method to Meet Design
Needs for a Changing Climate 53

3.3 Observational Method in Practice..... 55

3.4 Looking Beyond the Observational Method 64

3.5 References 64

- 4. CHARACTERIZATION OF EXTREMES AND MONITORING 67
 - 4.1 Introduction..... 67
 - 4.2 Extreme Precipitation..... 68
 - 4.3 Precipitation and Flooding..... 77
 - 4.4 Flooding 106
 - 4.5 Multihazard Scenarios 112
 - 4.6 Hazard Monitoring Versus Risk Monitoring..... 118
 - 4.7 Positioning Risk in the Context of Hydroclimatic Non-Stationarity 118
 - 4.8 References 124
- 5. FLOOD DESIGN CRITERIA 133
 - 5.1 Coastal Flooding Components 133
 - 5.2 Design Flood Elevation Standards..... 137
 - 5.3 Climate Change-Informed Design Flood Elevation..... 139
 - 5.4 References 147
- 6. FLOOD LOADS 149
 - 6.1 Introduction..... 149
 - 6.2 Design Flood Loads..... 150
 - 6.3 Load Combinations 163
 - 6.4 Deflection Criteria for Flood Loads 166
 - 6.5 Leakage and Seepage 167
 - 6.6 References 170
- 7. ADAPTIVE DESIGN AND RISK MANAGEMENT..... 173
 - 7.1 Uncertainty and Risk..... 173
 - 7.2 Design Philosophies 174
 - 7.3 Climate-Resilient Infrastructure 176
 - 7.4 Adaptive Design in the Context of Hazard and Fragility Curves 182
 - 7.5 A Methodology for Adaptive Risk Management..... 185
 - 7.6 Target Risk Levels and Risk Rating System..... 191
 - 7.7 Life-Cycle Cost Analysis..... 197
 - 7.8 Real Options for Risk Management..... 203
 - 7.9 Coastal Adaptive Design and Adaptation 204
 - 7.10 References 222
- 8. DATA AND INFORMATION SOURCES..... 227
 - 8.1 US Federal Data and Information Sources..... 228
 - 8.2 Understanding Climate Model Output and Its Utility 232
 - 8.3 References 233

APPENDIXES

- A. Terminology..... 235
- B. ASCE Standards and Climate Change..... 239
- C. Methodology for L-Moment and Other Statistical Computations..... 245
- D. Adaptation Technologies..... 249

INDEX..... 283

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PREFACE

This manual of practice, *Climate-Resilient Infrastructure: Adaptive Design and Risk Management* (MOP 140), was prepared by a development team that includes members of the ASCE Committee on Adaptation to a Changing Climate between 2016 and 2018.

Some of the content has been outdated by recent events. For instance, the book contains references to ASCE Standard 7-10, which has been superseded by ASCE Standard 7-16. The differences between the two versions are not central for the purposes of this manual. Therefore, the Development Team decided to keep the references to ASCE 7-10.

In addition, President Donald Trump has canceled Executive Order 13690 and the federal flood risk management standard. The review undertaken by standards experts and the ASCE Blue-Ribbon Panel considered these changes, and the Development Team has responded to applicable comments.