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| 1. Record Nr. | UNISALENTO991002240149707536 |
| Autore | Littlewood, R. Joy |
| Titolo | A commentary on Ovid's Fasti, book 6 / R. Joy Littlewood |
| Pubbl/distr/stampa | Oxford : Oxford University Press, 2006 |
| ISBN | 0199271348 |
| Descrizione fisica | LXXXVI, 259 p.: ill. ; 22 cm |
| Soggetti | Ovidio Nasone, Publio. Fastorum libri
Ovidio Nasone, Publio. Fastorum libri |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di bibliografia | Bibliografia : p. 236-247 |
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| 2. Record Nr. | UNINA9910712072403321 |
| Autore | Laney R. L. |
| Titolo | Chemical quality of the water in the Tucson basin, Arizona / / by R. L. Laney |
| Pubbl/distr/stampa | [Washington, D.C.] : , : United States Department of the Interior, Geological Survey, , 1972
Washington : , : United States Government Printing Office |
| Descrizione fisica | 1 online resource (56 unnumbered pages) : illustrations, maps |
| Collana | Water resources of the Tucson basin
Geological Survey water-supply paper ; ; 1939-D |
| Soggetti | Water quality - Arizona - Tucson Basin
Water quality - Santa Cruz River Watershed (Ariz. and Mexico) |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | "Prepared in cooperation with the city of Tucson, the U.S. Bureau of Reclamation, and the University of Arizona."
Includes tables. |

	Includes National Geologic Map Database index page and 4 plates on HTML page.
Nota di bibliografia	Includes bibliographical references (pages 43-44) and index.
3. Record Nr.	UNINA9911016152003321
Autore	Wallace Bill <1942->
Titolo	The great civil engineering overhaul / / Bill Wallace
Pubbl/distr/stampa	Reston : , : ASCE Press, published by the American Society of Civil Engineers, , 2024 ©2024
ISBN	9780784485446 9780784416228
Edizione	[1st ed.]
Descrizione fisica	1 online resource (xviii, 394 pages) : illustrations
Disciplina	628.5
Soggetti	Civil engineering - Environmental aspects Civil engineering - Decision making Climatic changes
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical records and index.
Nota di contenuto	Intro -- The Great Civil Engineering Overhaul -- Contents -- Preface -- Acknowledgments -- Chapter 1: What's Past Is No Longer Prologue -- Global Warming and Its Consequences -- Climate-Related Assumptions Are No Longer Reliable -- Hurricane Sandy (October 2012). Cost: 65 billion, 159 deaths -- Camp Fire, Northern California (November 2018). Cost: 16.5 billion, 85 deaths -- Midwestern US Floods (January-March 2019). Cost: 10.8 billion, 3 deaths -- Similar Problems, Other Places -- The European Heat Wave of 2003 -- When Cape Town Almost Hit Day Zero -- The Past Is No Longer Prologue -- A Matter of Ethical and Moral Responsibility & -- hellip -- and Liability -- New Levels of Uncertainty -- Reduce Carbon Emissions to Net Zero By 2050 -- The Hazards and Risks of Business as Usual -- Changes in Scale -- Is Achieving Net-Zero Carbon by 2050 Possible? -- Is There Hope? -- What Needs to Be Done -- Enhance Infrastructure Resilience -- Decrease Exposure to Climate Stressor Hazards -- Reduce the Source

of Climate Stressor Extremes: GHG Emissions -- How the Civil Engineering Industry Should Respond -- The Purpose and Design of This Book -- References -- Additional References (Not Cited) -- Chapter 2: Civil Infrastructure and the Assumption of Stationarity -- What is Civil Infrastructure? -- Why Is Civil Infrastructure Important? -- Civil Infrastructure and National Competitiveness -- The Work of Civil Engineers -- Infrastructure Projects: Components, Requirements, Relationships, and Dependencies -- Application of Codes and Standards -- Climate Variables, Climate Stressors, and Climate-Derived Variables -- Taking Climate Stressors into Account in Infrastructure Design -- Climate Stressors in Infrastructure Design -- Climate Stressor Variable Range of Values -- Forms of Infrastructure Degradation -- Knock-on Effects -- Compounding -- Propagating. Reinforcing -- How Knock-On Effects Have Been Handled -- Types of Failure -- Catastrophic Failure -- Resilient Failure -- Infrastructure Resiliency -- Designing Infrastructure Assuming Conditions of Stationarity -- Using Climate-Derived Variables -- Stationarity Worked & -- hellip -- At Least Until Now -- References -- Chapter 3: Climate Change, Stationarity, and Sustainability: How Are They Connected? -- The Foundational Assumption of Stationarity -- Is Our Form of Economic Development Sustainable? -- The Brundtland Commission Report -- Are We Sustainable? -- What Are the "Needs" of Present and Future Generations? -- How Does Society Meet Those Needs? -- Sustainability: A Simple Example -- Financial and Natural Capital: What's the Connection? -- Natural Capital Resources and Flows -- Abiotic Resources and Flows -- Structure, Condition, and Circulation -- Biotic Systems: Resources and Ecosystem Service Flows -- Resources and Ecosystem Service Flows: Example -- Question: How Did We Get to this Point in Human Development? -- Answer: Human Ingenuity! We Created New Forms of Capital -- Putting It All Together -- Is Society's Approach to Development Sustainable? -- Human Well-Being: What Has Been Achieved? -- What Is the State of the Earth's Resources and Ecosystems? -- Ecological Footprint: Ecosystem Demand versus Availability -- The Sustainability Quadrant: Where Nations Need to Be -- Moving Toward the Sustainability Quadrant -- Developed Nations: High and Very High Income -- Developing Nations: Lower and Upper Middle Income -- Underdeveloped Nations: Low Income -- Global Efforts to Reduce Poverty -- References -- Additional References (Not Cited) -- Chapter 4: The Consequences of Unsustainable Development -- Human Development Progress and Its Consequences -- What About Natural Capital? -- The IPAT Equation -- Climbing the Heat Ladder. Fossil Fuel Use and Its Consequences -- A "New Normal" of Disasters -- The Impacts of Business-As-Usual -- A New Sense of Urgency -- Opportunities in a Low-Carbon Economy -- Impacts on Civil Infrastructure Design -- Changes in Probability Distributions of Climate Stressor Variables -- Additional Hazards and Risks Outside of Historical Operating Experience -- Effects on Infrastructure Assets -- Infrastructure Design Challenges in a Changing Climate -- References -- Chapter 5: Responding to a Changing Climate -- The Work Ahead -- The Scale of the Response Required -- Barriers to an Effective Response -- Responding to a Changing Climate: The Details -- Climate Change Mitigation -- Climate Change Adaptation -- Conclusion -- References -- Additional References (Not Cited) -- Chapter 6: Civil Infrastructure and Deep Uncertainty -- A Framework for Infrastructure Planning and Design Decision Making -- Levels of Uncertainty -- Engineers Have Always Managed Deep Uncertainties -- Global Climate Change and Deep Uncertainty -- Approaches to Decision Making under Deep Uncertainty -- Robust Decision Making -- Dynamic Adaptive Planning

-- Dynamic Adaptive Policy Pathways -- Information-Gap Decision Theory (IG or Info-Gap) -- Engineering Options Analysis -- Conclusion -- References -- Additional References (Not Cited) -- Chapter 7: A Proposed Dynamic Adaptive Planning Methodology -- Introduction -- Modified Dynamic Adaptive Planning: A Summary -- Modified Dynamic Adaptive Planning: The Details -- Step I: Set the Stage -- Step II: Assemble the Initial Plan -- Step III: Improve the Robustness of the Project Alternatives -- Step IV: Evaluate and Select the Best Alternative -- Step V: Develop the Monitoring System -- Step VI: Prepare the Responses -- Step VII: Deliver the Project -- Step VIII: Operate the Project -- Conclusion -- References.

Additional References (Not Cited) -- Chapter 8: A Proposed Dynamic Adaptive Policy Pathways Methodology -- Introduction -- Dynamic Adaptive Policy Pathways Terminology, Types, and Characteristics -- Modified Dynamic Adaptive Policy Pathways: A Summary -- Setting the Scope, Objectives, and Limitations -- Types of Pathways -- Pathway Elements -- Pathway Objectives: Getting on Track and Staying on Track -- Pathway Characteristics -- Determining and Evaluating Routes for Achieving Objectives -- Evaluation and Selection of Promising Routes -- Modified Dynamic Adaptive Policy Pathways: The Details -- Step 1. Describe the Problem -- Step 2. Analyze the Problem -- Step 3. Determine Possible Adaptation Pathways -- Step 4a. Evaluate Pathways -- Step 4b. Reassess -- Step 5. Assemble Pathways into Routes -- Step 6. Select the Most Promising Routes -- Step 7. Improve Plan Robustness, Resilience -- Step 8. Select a Dynamic Adaptive Plan -- Step 9. Implement the Plan -- Step 10. Monitor and Respond -- Conclusion -- References -- Additional References (Not Cited) -- Chapter 9: Preparing for an Uncertain Future -- Climate Disasters Continue -- The Tragedy of the Horizon -- Shifting from Intent to Action -- COP 21 and the Paris Agreement -- Progress through Global Climate Action -- Tracking and Validating Credible Climate Action Progress -- Climate Action Pathways -- Rallying Support: Climate Ambition Alliance-Race to Zero -- What the United States Is Doing -- ASCE 73-23: Standard Practice for Sustainable Infrastructure -- How Civil Engineers Can Make a Difference -- Can Engineers Respond Effectively? -- An Extended Role for Engineers? -- Closing Comments -- References -- Additional References (Not Cited) -- APPENDIX A: Climate Stressor Effects by Infrastructure Category -- APPENDIX B Envision Sustainable Infrastructure Rating System -- Quality of Life -- Leadership.

Resource Allocation -- Natural World -- Climate and Resilience -- APPENDIX C Robustness Matrix -- Index -- About-the-author.

Sommario/riassunto

Author Bill Wallace explains the effects of climate change on civil infrastructure and what alterations are required to enable civil engineers to work under changing climate conditions, which he argues will require a major overhaul of the civil engineering discipline.