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Titolo	Nutrition in the prevention and treatment of disease // edited by Ann M. Coulston, Cheryl L. Rock, and Elaine R. Monsen
Pubbl/distr/stampa	San Diego, Calif., : Academic Press, c2001
ISBN	1-281-01157-6 9786611011574 0-08-049754-3
Descrizione fisica	1 online resource (821 p.)
Disciplina	615.8/54
Soggetti	Dietetics Nutrition Diet in disease Diet therapy Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front Cover; Nutrition in the Prevention and Treatment of Disease; Copyright Page; Contents; Contributors; Preface; Acknowledgments; Section I: Basic Principles and Concepts; A. Examining the Relationship between Diet, Nutrition, and Disease; Chapter 1. Dietary Assessment Methodology; I. Introduction; II. Dietary Assessment Methods; III. Dietary Assessment in Specific Situations; IV. Dietary Assessment in Special Populations; V. Selected Issues in Dietary Assessment Methods; References; Chapter 2. Energy Requirement Methodology; I. Introduction; II. Components of Energy Expenditure III. Total Energy ExpenditureIV. Recommended Energy Intakes; References; Chapter 3. Physical Assessment; I. Introduction; II. Components of Clinical Assessment; III. Anthropometric Assessment; IV. Functional Assessment; V. Clinical Manifestations in Specific Disease States and Populations; Chapter 4. Overview of Nutritional Epidemiology; I. Introduction; II. Principles of Exposure Measurement in Nutritional Epidemiology; III. Design Studies Used in Nutritional Epidemiology; IV. Interpretation of Cause and Effect in Nutritional

## Epidemiology

V. Obstacles to Finding Associations of Dietary Intake and Disease Risk  
VI. Future Research Directions; References; Chapter 5. Analysis, Presentation, and Interpretation of Dietary Data; I. Introduction; II. Analysis of Dietary Data; III. Presentation of Data; IV. Interpretation of Data; V. Conclusion; References; B. Nutrition Intervention; Chapter 6. Current Theoretical Bases for Nutrition Intervention and Their Uses; I. Introduction; II. Importance of Understanding Influences on Dietary Behavior; III. What Is Theory?; IV. Explanatory and Change Theories  
V. Unique Features of Dietary Behavior to Consider When Using Theory  
VI. Important Theories and Their Key Constructs; VII. Findings Regarding Applications of Theory to Nutritional Behavior; VIII. Constructs and Issues across Theories; IX. Implications and Opportunities; References; Chapter 7. Nutrition Intervention: Lessons from Clinical Trials; I. Introduction; II. Conceptual Models of Motivation; III. Theories Used in Achieving Dietary Behavior Change in Clinical Trials; IV. Summary; References; Chapter 8. Tools and Techniques to Facilitate Eating Behavior Change; I. Introduction  
II. The Teaching/Learning Process  
III. Nutrition Education Techniques; IV. Behavior Change Techniques; V. Conclusion; References; Chapter 9. Evaluation of Nutrition Interventions; I. Introduction; II. Overview: Types of Nutrition Intervention Program Evaluations; III. Outcomes or Endpoints Used to Assess Intervention Effectiveness; IV. Design of Nutrition Intervention Evaluations; V. Measurement Issues When Assessing Dietary Change and Other Intervention Outcomes; VI. Dietary Assessment Instruments and Their Applicability for Intervention Evaluation; VII. Conclusions; References  
Chapter 10. Biomarkers and Biological Indicators of Change

### Sommario/riassunto

As we enter the 21st century, a new era of nutrition in the prevention and treatment of disease emerges. Clinical nutrition involves the integration of diet, genetics, environment, and behavior promoting health and well being throughout life. Expertly edited, Nutrition in the Prevention and Treatment of Disease provides overall perspective and current scientifically supported evidence through in-depth reviews, key citations, discussions, limitations, and interpretations of research findings. This comprehensive reference integrates basic principles and concepts across disciplines and are

2. Record Nr.	UNINA9910299741503321
Autore	Goldsmith Wendi
Titolo	Bioengineering case studies : sustainable stream bank and slope stabilization / / Wendi Goldsmith, Donald Gray, John McCullah
Pubbl/distr/stampa	New York : , : Springer, , 2014
ISBN	1-4614-7996-7
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (xix, 244 pages) : illustrations (some color)
Collana	Gale eBooks
Disciplina	627.5
Soggetti	Bioengineering Slopes (Soil mechanics) - Stability Soil stabilization Streambank planting
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction -- Project 1: Fleming Creek -- Project 2: Gateway Garden -- Project 3: School Girls Glen -- Project 4: River Landing -- Project 5: Nichols Drive -- Project 6: Harvard Road -- Project 7: Malletts Creek -- Project 8: Toboggan Hill -- Project 9: Argo Cascades -- Project 10: Asaayi Lake -- Project 11: Hollywood Hills -- Project 12: Geyserville -- Project 13: Buckhorn Mtn -- Project 14: Buckhorn Summit -- Project 15: Stafford -- Project 16: Pacifica -- Project 17: Branciforte Creek -- Project 18: San Vicente Creek -- Project 19: Opal Cliffs -- Project 20: Lower Sulpur Creek -- Project 21: Secret Canyon -- Project 22: Greenfield Road -- Project 23: Buffalo Bayou -- Project 24: Little_Topashaw -- Project 25: New Concord -- Project 26: Water Purification Facility and Park -- Project 27: Walden Pond -- Project 28: Hearthstone Quarry Brook -- Project 29: Mill Creek -- Project 30: Charles River -- Project 31: Connecticut River -- Project 32: Cumberland River -- Project 33: Manhan River -- Project 34: Walgreen Slope -- Project 35: Creek Road -- Appendices A-C.
Sommario/riassunto	This unique volume describes and evaluates 30 projects from across the United States where bio-stabilization was employed to address a detrimental naturally occurring process or byproduct of the built environment. Bio-stabilization (or soil bioengineering) refers to the use

of plant materials, primarily live cuttings, arranged in the ground in different arrays to reinforce soils and protect upland slopes and/or stream banks against surficial erosion and shallow slope failures. Examples included in the collection represent different regions of the country and their specific conditions and challenges. Each project is illustrated with a number of distinctive photographs to support the reader's understanding and showcase the wide scope of projects and techniques presented. This book also: Presents a range of well-documented case studies on key techniques and best practices for bio-stabilization projects Emphasizes evaluation and comparison of different techniques and challenges across a wide range of project types and geographies Adopts a clear and consistent descriptive scheme and performance evaluation rubrics for 35 bio-stabilization projects, including efforts protecting/repairing watersheds, stabilizing slopes along highways, and protecting stream banks and coastal slopes Offers abundant visual detail, featuring four to five high-quality photographs for each project, totaling nearly 150 images Bioengineering Case Studies is an ideal book for civil and environmental engineers and environmental scientists working on watershed, infrastructure projects, and municipal scale installations.

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