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Titolo	The handbook of gangs // edited by Scott H. Decker and David C. Pyrooz
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ISBN	1-78684-418-4 1-118-72682-0 1-118-72685-5 1-118-72678-2 1-118-72675-8
Descrizione fisica	1 online resource (758 p.)
Collana	Wiley Handbooks in Criminology and Criminal Justice
Disciplina	364.1066
Soggetti	Gangs - United States 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 indexes.
Nota di contenuto	""Title Page""; ""Table of Contents""; ""Notes on Contributors""; ""1 Introduction""; ""2 The Logic of Defining Gangs Revisited""; ""The Evolution of Definition and Measurement of Gangs""; ""Official Records and Gangs, Gang Membership, and Gang Violence""; ""Learning from Law Enforcement Definitions: The Case of Gang Homicide""; ""Summary and Conclusion""; ""Appendix: Methods of Definitions""; ""References""; ""3 Little Gang Research, Big Gang Research""; ""Introduction""; ""A Scientometric Approach to the History of Gang Research""; ""Methodology""; ""The History of Gang Research"" ""Life-Course Criminology: An Overview"" ""Gang Membership from a Developmental and Life-Course Perspective""; ""The Patterning of Gang Membership in the Life Course""; ""Mitigating Factors and Gang Desistance""; ""The Consequences of Gang Membership""; ""Conclusions and Setting a Research Agenda""; ""References""; ""6 Neighborhoods and Street Gangs""; ""Introduction""; ""Gangs as Dependent Variables""; ""Gangs as Independent Variables""; ""Gangs in Geographic and Social Space""; ""Future Directions""; ""References""; ""7 Gangs and Social

Learning Theory"; "Introduction"

"The Fundamentals of Social Learning Theory""Gangs and Other
"Learning-Like" Explanations: A Reexamination (and Recasting) of a
Classic Youth Gang Study"; "Framing Gangs and Gang Behavior in a
Learning Context: The Evidence"; "Pushing Social Learning Theory: A
Methodological and Theoretical Extension"; "Speculations on the
Future of Social Learning Theory-Driven Gang Studies"; "Summary";
"References"; "8 Social Psychology of Gangs"; "Social Identity and
Communication Processes in and Between Groups"; "Social Identity
and Identification"; "Communicating Social Identity"

"Social Comparison and Dominance""Conclusions"; "References";
"9 Social Network Analysis and Gangs"; "Introduction"; "What is
Social Network Analysis?"; "Gangs as Social Networks"; "Conclusion";
"References"; "10 Gangs, Guns, and Violence"; "Definitions of Gang
Violence"; "Explanations of Gang Violence"; "Violence as a Social
Process"; "Violence Among Gang-Involved Individuals"; "Selection,
Facilitation, and Enhancement"; "Consequences of Gang Violence";
"Reducing gang and gun violence"; "Recommendations for Future
Research"; "References"

"11 Gangs and Drugs"

2. Record Nr.	UNINA9910684593903321
Autore	Yaseen Mir Mohammad
Titolo	Microbiomics and sustainable crop production // Mohammad Yaseen Mir and Saima Hamid
Pubbl/distr/stampa	Chichester, England : , : John Wiley & Sons Ltd, , [2023] ©2023
ISBN	1-119-79935-X 1-119-79933-3
Descrizione fisica	1 online resource (339 pages)
Disciplina	630.2086
Soggetti	Crops and soils Plant-soil relationships Soil fertility
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover -- Title Page -- Copyright Page -- Contents -- Preface -- About the Authors -- Chapter 1 Agricultural Microbiomes: Functional and Mechanistic Aspects -- 1.1 Introduction -- 1.2 Model Microbiome-Plant Systems -- 1.2.1 Plant Perception of Microbes -- 1.2.2 Molecular Plant -- 1.2.3 Bacterial Signalling: Quorum Sensing and Symbiosis Factors -- 1.2.4 Hormone Signalling in Microbe-Host Interactions -- 1.2.5 Interactome Network Analysis -- 1.2.6 Transcriptional Regulatory Networks -- 1.2.7 Metabolic Exchanges and Nutrient Competition in the Soil -- 1.2.8 Integrated Multi-omics Modelling -- 1.2.9 From Systems Biology to Crop Protection -- 1.3 Stability, Resilience, and Assembly of Agricultural Microbiomes -- 1.4 Core Plant Microbiome and Metagenome -- 1.5 Interactions Among the Microbes, Environment, and Management -- 1.5.1 Secondary Metabolism -- 1.5.2 Endophyte-Phytopathogen-Plant Interaction -- 1.5.3 Hopanoid -- 1.5.4 Parasitic Interaction -- 1.5.5 Microbial Community's Interaction -- 1.5.6 Siderophore -- 1.5.7 Symbiotic Interaction -- 1.6 Microbiome Innovation in Agriculture: Insect Pest Management -- 1.6.1 Manipulation of Insect-Associated Microbiomes for Pest Management -- 1.6.2 Incompatible Insect Technique (IIT) -- 1.6.3 Paratransgenesis

-- 1.6.4 Exploiting the Chemical Inventories of Microbiomes to Develop New Biopesticides -- 1.6.5 Microbial Insecticides and Plant-Incorporated Protectants -- 1.6.6 Microbial Semiochemicals -- 1.6.7 Combining Microbial-Based Biopesticides with Nanotechnologies -- 1.6.8 Microbial Interventions to Improve Fitness of Mass-Reared Insects for Autocidal Programmes -- References -- Chapter 2 Engineering and Management of Agricultural Microbiomes for Improving Crop Health -- 2.1 Why to Modify Plant Microbiome? -- 2.2 Methods for Detecting Endophytes Within the Plant -- 2.2.1 Media for Isolation of Fungal Endophytes. 2.2.2 Media for Isolation of Bacterial Endophytes -- 2.2.3 Identification of Endophytes -- 2.2.4 Molecular Tools to Identify Endophytes -- 2.2.5 Markers and Primers for Endophyte Identification -- 2.2.6 Techniques to Evaluate Endophyte Distribution in Plants -- 2.2.6.1 Hood and Shew Staining Protocol -- 2.2.6.2 Fluorescent Probes for Localization of Bacterial and Fungal Endophytes -- 2.2.6.3 ROS Staining to Study Bacterial Endophytes -- 2.2.7 Analysis of Endophyte Diversity -- 2.2.8 Non-Culture Methods -- 2.2.9 Metagenomics and Pyrosequencing -- 2.2.10 Microarray: Gene Chips to Study the Expression and Mechanisms of Interaction -- 2.3 Engineering of the Plant Microbiome -- 2.3.1 Host-Mediated and Multi-Generation Microbiome Selection -- 2.3.2 Inoculation into the Soil and Rhizosphere -- 2.3.3 Inoculation into Seeds or Seedlings -- 2.3.4 Tissue Atomization -- 2.3.5 Direct Injection into Tissues or Wounds -- 2.4 In Situ Harnessing of Agricultural Microbiome -- 2.4.1 Recent Advancement in Plant Microbiome Studies -- 2.4.2 Microbial-Based Strategies -- 2.4.3 Biochemical Strategies -- 2.4.4 Molecular Strategies -- 2.5 Future Perspective of Agricultural Microbiome Engineering -- References -- Chapter 3 Approaches and Challenges in Agricultural Microbiome Research -- 3.1 Microbiome Research in the Omics Era -- 3.2 New Efforts and Challenges in Assigning Function to Microbes -- 3.3 Characterization of Complex Microbial Communities -- 3.4 Advanced Fundamental Research on Microbe-Microbe and Plant-Microbe Interactions : Bridging the Lab-Field Gap -- 3.4.1 Bridging the Lab-Field Gap -- 3.4.1.1 Limitations on the Experiments Performed in Controlled Conditions: The Lack of Context -- References -- Chapter 4 Perceptive of Rhizosphere Microbiome -- 4.1 Introduction -- 4.2 Multiple Levels of Selection in the Plant Rhizosphere. 4.2.1 Microbial Experimental Systems and Network Analysis -- 4.2.2 Observing Microbiome Controls over Observed Phenotypes of the Plant Using -Omics Techniques -- 4.2.3 Genome-Editing Techniques to Uncover Plant Host Controls over Microbiome Composition and Function -- 4.2.4 Rhizosphere Engineering and Sustainable Agriculture -- 4.2.5 Engineering Plants -- 4.2.6 Case Study 1: Manipulating Rhizosphere pH -- 4.2.7 Case Study 2: Enhancing Organic Anion Efflux from Roots -- 4.2.8 Approach 1: Engineering Metabolic Pathways for Greater Organic Anion Efflux -- 4.2.9 Approach 2: Engineering Transport Proteins for Greater Organic Anion Efflux -- 4.2.9.1 ALMT Family -- 4.2.9.2 MATE Family -- 4.2.10 Engineering Microbes -- 4.2.11 Strategic Issues for Strain Development -- 4.2.12 PGPR Activity Is Enhanced in Engineered Strains -- 4.2.13 Recombinant Strains and Rhizosphere Competence -- 4.2.14 Non-Target Effects of Wild-Type and Genetically Engineered PGPR -- 4.3 Engineering Microbial Populations and Plant-Microbe Interactions -- 4.4 Emerging Approaches in Rhizoremediation -- 4.4.1 Impact of Rhizosphere Microbiome on Rhizoremediation -- 4.4.2 Current Approaches to Understand the Role of the Microbiome in Rhizoremediation -- 4.4.3 Metagenomics -- 4.4.4 Metatranscriptomics -- 4.4.5 Metaproteomics

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7.1.3 Conservative Approaches to Core Plant Microbiomes -- 7.2 Core
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8.3.2 Cry for Help' Strategy for the Applied Plant Stress Probiotics.

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Titolo	The BIM manager's handbook : guidance for professionals in architecture, engineering, and construction // Dominik Holzer
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Descrizione fisica	1 online resource (227 pages)
Soggetti	Building information modeling Building - Computer simulation Building management - Data processing Communication in the building trades Architectural practice Architects and builders Construction industry - Information resources management
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Nota di contenuto	The BIM Manager's Handbook; Contents; Acknowledgements; Introduction: Why BIM Managers Count!; The BIM Manager: Focus on the Person behind the Title; Hands-On BIM; Revelations and Surprises;

1 Best Practice BIM; BIM Managers: Breaking Ground; A Role in Transition; The Rise and Rise of BIM; Defining Good, or Even "Best Practice," BIM; The Big Picture; Reporting from the Trenches; When BIM Goes Wrong - Examples of "Bad BIM"; Pseudo BIM; Going Solo - Lack of Coordination across Key BIM Stakeholders; BIM Execution Plan - Lack or Lack of Use; No Data Integration
Lack of Well-Defined Objectives (Client)Overmodeling; Lacking Tool Ecology; Modeling without Understanding; Model Inaccuracy; Uber-Hacks; The Tipping Point - How Do You Become Successful Using BIM?; BIM - Getting It Right; Benchmarking BIM; Broader Policies; Measuring Day-to-Day Performance; Key Performance Indicators; Endnotes; 2 Change Management; Technology as a Driver for Innovation and Change; The Cultural Dimension of Change . . . and Its Management; The Social and Organizational Context to Change; BIM Managers: Facilitators of Change
Interfacing with Your Organization's Leadership and ManagementBIM's Push and Pull; Decision Makers Who Do Not Understand BIM; Lacking Support from the Top; Becoming a Manager; Learning to Lobby; The Inside Man; Selling Value Back to the Business; Overcoming Change Resistance and Managing Expectations; That BIM Thing Looks Amazing, Just Not on My Project!; Bridging the "Us vs. Them" Schism; Developing a Network; Tips and Tricks; The Design Technology and BIM Audit; Set Up and Run a Design Technology/BIM Audit; What Should Be Asked during the Audit?; Change Management Workshops and Seminars
Endnotes3 Focuson Technology; Interfacing Design Technology with Information Technology; BIM and Design Technology; The IT/DT Dialogue; Hardware/Software License Selection for BIM; Sharing BIM via Networks; BIM in the Cloud; Processes to Consider; Private Cloud versus BIM Cloud; Project and Document Management Software; Explaining Tool Ecologies; From Supporting Singular Software Use to Supporting Process; Establishing Common Data Environments; Compensating for End-User Behavior; Thinking in Ecologies; Interfacing BIM; Geospatial/Point Clouds to BIM; Surface Models and BIM
Interfacing BIM and Engineering AnalysisThe IFC Question; Driving BIM via Data Interfaces; BIM to 3D Visualization, 4D, and More; BIM to Fabrication; BIM Anywhere; BIM to FM; Future Developments; Endnotes; 4 BuildingUp a BIM Support Infrastructure; Propagating BIM; Starting with the End in Mind-Employer Information Requirements; Setting the (BIM) Standards; How to Start; Access All Areas; CAD Standards in BIM; BIM Execution Plans; The BIM Placemat; The BIM Capability Statement; What Goes in the BIM Capability Statement; UK PAS 1192-2/3/4/5-Specific Documents; BIM Library Management
Spotlight on BIM Content
