1. Record Nr. UNINA9910814313403321

Autore	Wysocki Robert K
Titolo	Effective project management : traditional, agile, extreme / / Robert K Wysocki ; proofreader, Sarah Kaikini ; cover designer, Ryan Sneed
Pubbl/distr/stampa	Indianapolis, Indiana : , : Wiley, , 2014 ©2014
ISBN	1-118-72931-5 1-118-74210-9
Edizione	[Seventh edition.]
Descrizione fisica	1 online resource (770 p.)
Altri autori (Persone)	KaikiniSarah SneedRyan
Disciplina	658.404
Soggetti	Project management Organizational effectiveness Organization Planning Armies - Organization
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	Cover; Title Page; Copyright; Contents; Part I Understanding the Project Management Landscape; Chapter 1 What Is a Project?; Defining a Project; Sequence of Activities; Unique Activities; Complex Activities; Connected Activities; One Goal; Specified Time; Within Budget; According to Specification; A Business-focused Definition of a Project; An Intuitive View of the Project Landscape; Defining a Program; Defining a Portfolio; The Enterprise Level; Understanding the Scope Triangle; Scope; Quality; Cost; Time; Resources; Risk; Envisioning the Scope Triangle as a System in Balance Prioritizing the Scope Triangle Variables for Improved Change Management Applying the Scope Triangle; The Importance of Classifying Projects; Establishing a Rule for Classifying Projects; Classification by Project Characteristics; Classification by Project Application; The Contemporary Project Environment; High Speed; High Change; Lower Cost; Increasing Levels of Complexity; More Uncertainty; Putting It All Together; Discussion Questions; Chapter 2 What Is Project

Management?; Understanding the Fundamentals of Project Management; What Business Situation Is Being Addressed by This Project?
What Does the Business Need to Do? What Will You Do?; How Will You Do It?; How Will You Know You Did It?; How Well Did You Do?; Challenges to Effective Project Management; Flexibility and Adaptability; Deep Understanding of the Business and Its Systems; Take Charge of the Project and Its Management; Project Management Is Organized Common Sense; Managing the Creeps; Scope Creep; Hope Creep; Effort Creep; Feature Creep; What Are Requirements-Really?; Introducing Project Management Life Cycles; Traditional Project Management Approaches; Agile Project Management Approaches Extreme Project Management Approach Emertxe Project Management Approach; Recap of PMLC Models; Choosing the Best-Fit PMLC Model; Total Cost; Duration; Market Stability; Technology; Business Climate; Number of Departments Affected; Organizational Environment; Team Skills and Competencies; Putting It All Together; Discussion Questions; Chapter 3 What Are the Project Management Process Groups?; Defining the Five Process Groups; The Scoping Process Group; Defining the Five Process Groups; The Scoping Process Group; The Planning Process Group; The Planning Process Group; The Launching Process Group The Monitoring and Controlling Process Group The Launching Process Group; The Monitoring and Controlling Process Group; The Closing Process Group; Defining the Ten Knowledge Areas; The Closing Process Group; Defining the Ten Knowledge Areas; Project Integration Management; Project Scope Management; Project Time Management; Project Cost Management; Project Integration Management; Project Scope Management; Project Time Management; Project Cost Management; Project Quality Management; Project Quality Management; Project Human Resource Management; Project Human Resource Management
Project Communications Management

Sommario/riassunto

The popular guide to the project management body of knowledge, now fully updated Now in its seventh edition, this comprehensive guide to project management has long been considered the standard for both professionals and academics. With more than 32,000 copies sold in the last three editions, it has now been fully updated to cover the new PMBOK 5. Well-known expert Robert Wysocki has added more than 100 pages of new content based on instructor feedback, enhancing the coverage of best-of-breed methods and tools for ensuring project management success. With enriched case studies,

2. Record Nr. UNINA9910735786103321

Autore	Gupta Ram K
Titolo	3D Graphene : Fundamentals, Synthesis, and Emerging Applications / / edited by Ram K. Gupta
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2023
ISBN	9783031362491 3031362497
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (434 pages)
Collana	Carbon Nanostructures, , 2191-3013
Disciplina	620.5
Soggetti	Nanotechnology Materials Materials for Devices
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Section 1: Fundamentals -- Chapter 1. Introduction 3D graphene -- Chapter 2. Synthesis of 3D graphene -- Chapter 3. Architectural and chemical aspects of 3D graphene for emerging applications -- Chapter 4. Theoretical consideration in designing advanced 3D graphene -- Section 2: 3D Graphene for advanced sensors -- Chapter 5. 3D Graphene-based electrochemical sensors -- Chapter 6. 3D Graphene-based biosensors -- Chapter 7. 3D Graphene-based optical sensors -- Chapter 8. 3D Graphene for self-powered sensors -- Chapter 9. 3D Graphene for flexible sensors -- Section 3: 3D Graphene in environmental applications. Chapter 10. 3D Graphene for toxic gas removal -- Chapter 11. 3D Graphene for removal of heavy metals -- Chapter 12. 3D Graphene for removal of organic pollutants -- Chapter 13. 3D Graphene for removal of inorganic pollutants -- Chapter 14. 3D Graphene for removal of pharmaceutical residues -- Section 4: 3D Graphene for energy applications. Chapter 15. 3D Graphene for metal-ion batteries -- Chapter 16. 3D Graphene for metal-air batteries -- Chapter 17. 3D Graphene for supercapacitors -- Chapter 18. 3D Graphene for photovoltaics -- Chapter 19. 3D Graphene for fuel cells -- Chapter 20. 3D Graphene as electrocatalysts for water-splitting -- Chapter 21. 3D Graphene as photocatalysts for water-splitting -- Section 5: 3D Graphene for flexible devices.-Chapter 22. 3D Graphene

for flexible batteries -- Chapter 23. 3D Graphene for flexible supercapacitors -- Chapter 24. 3D Graphene for flexible solar cells -- Chapter 25. 3D Graphene for flexible electronics -- Section 6: Current challenges and future perspectives -- Chapter 26. Toxicity, stability, recycling, and risk assessments -- Chapter 27. Challenges in 3D graphene of advanced applications.

Sommario/riassunto

This book provides a comprehensive overview of the synthesis, properties, and emerging applications of 3D graphene. It begins with an introduction to 3D graphene and covers the methods for synthesizing and printing 3D graphene. The book explores the characteristics of 3D graphene, including its morphology, surface area, and porosity, and the techniques used for characterizing it. Architectural and chemical aspects of 3D graphene for emerging applications are discussed, including energy storage, environmental remediation, and biosensing. The book reviews recent advancements in 3D graphene for electrochemical sensors, biosensors, and optical sensors, as well as its use in flexible sensors. It also covers the use of graphene-based materials for the remediation of hydrogen sulfide gas and the removal of inorganic pollutants and pharmaceutical residues. The book further explores the use of 3D graphene in metal-ion and metal-air batteries, flexible and wearable batteries, and high-performance supercapacitors. It also covers its use in photovoltaics, fuel cells, and as electrocatalysts and photocatalysts for water splitting. Additionally, the book discusses the use of 3D graphene in flexible electronics, capacitive de-ionization of water, and theranostic applications. Finally, the book addresses the toxicity, stability, recycling, and risk assessments of 3D graphene, providing a comprehensive understanding of the material's safety and sustainability considerations. Overall, this book is a valuable resource for researchers, engineers, and students interested in the synthesis, properties, and applications of 3D graphene. .