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Nota di contenuto	Chapter 1. Aim and Background of This Book -- Chapter 2. Universality and Diversity of Wall Paintings -- Chapter 3. PXRF and FTIR Spectrometry Applied to the Study of Azurite and Smalt in Romanian Medieval Mural painting -- Chapter 4. Wall Paintings of the Church in Balkans Area -- Chapter 5. At the Western Edge of the Silk Road: Challenges of Conserving Unique Nabataean Wall Painting in Petra, Jordan -- Chapter 6. Deterioration and Conservation of Cappadocia Wall Painting -- Chapter 7. Techniques and Materials of Medieval Wall Painting in Cappadocia -- Chapter 8. Deterioration and Conservation of Ajanta Wall Paintings -- Chapter 9. Materials and Techniques of Ajanta Wall Paintings -- Chapter 10. Materials and Techniques of Polychromy of the Giant Buddha Statues in Bamiyan -- Chapter 11. Materials and Techniques of Bamiyan Buddhist Wall Paintings -- Chapter 12. Conservation of Displaced Wall Paintings--from Bamiyan to Mes Aynak -- Chapter 13. Deterioration and Conservation of Wall Paintings in Tajikistan -- Chapter 14. Deterioration and Conservation of Uzbekistan Wall Paintings -- Chapter 15. Materials and Techniques of Kizil Wall Paintings -- Chapter 16. Wall Painting Material Analysis and Restoration of Mogao Grottoes -- Chapter 17. Coloring Techniques and Materials of Dunhuang Mogao Caves 285 -- Chapter 18. Conservation Trends for Mural Paintings of Buddhist Temple in Korea -- Chapter 19. Conservation for Plaster Based Wall Paintings of Tumulus in Japan -- Chapter 20. Rethinking our Models of Wall Painting Conservation: Are

We Doing the Right Thing? -- Chapter 21. The Conservation and Usage of Dunhuang Wall Paintings -- Chapter 22. Preservation and Utilization of Wall Paintings in Japan--Focusing on Takamatsuzuka Tomb and Kitora -- Chapter 23. Conclusion --Issues and prospects of mural research.

Sommario/riassunto

This book presents recent research on ancient Silk Road wall paintings, providing an up-to-date analysis of their coloring materials and techniques, and of developments in efforts to preserve them. The destruction of the Bamiyan Buddhas in 2001 encouraged international collaboration between conservation research institutes to study and protect the Silk Road's painted heritage. The collaborations led to exciting new discoveries of the rich materials used in wall painting, including diverse pigments and colorants, and various types of organic binding media. In addition, comparative research across the region revealed shared painting practices that indicate the sophisticated exchange of technologies and ideas. In parallel with these advances in technical understanding, greater awareness and sensitivity has been fostered in endeavors to preserve this fragile heritage. The book offers insights obtained from conservation projects and ongoing research, that encompass the geographical regions and periods related to the Silk Road, including from Japan, China, Korea, India and Afghanistan, and countries of the Eastern Mediterranean region. It also discusses the current issues and future challenges in the field. Featuring concise chapters, the book is a valuable resource for students and professionals in the field of cultural heritage preservation, as well as those who are not familiar with the fascinating topic of Silk Road wall painting research.
