

1. Record Nr.	UNINA9910337749903321
Titolo	Natural History Dioramas – Traditional Exhibits for Current Educational Themes : Science Educational Aspects / / edited by Annette Scheersoi, Sue Dale Tunnicliffe
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	9783030001759 303000175X
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (218 pages) : illustrations
Disciplina	508.074
Soggetti	Science - Study and teaching Learning, Psychology of Teachers - Training of Communication Culture - Study and teaching Science Education Instructional Psychology Teaching and Teacher Education Media and Communication Cultural Studies
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Foreword & Introduction, Scheersoi, Annette & Tunnicliffe, Sue Dale -- Section 1. Dioramas as Witnesses of the Past and Evidence of Change -- 1) Origins and Contemporary Status of Habitat Dioramas in the United States, Rogers, Stephen, Shreckengast, Rebecca & Dorfman, Eric -- 2) Developing a Modern Diorama: Changing Habitats in Scotland since the End of the Last Ice Age, Kitchener, Andrew -- 3) Building and Maintaining Dioramas, Granqvist, Eirik -- 4) Dioramas of Marine Bird Colonies: History, Design, and Educational Importance, Hutterer, Rainer & Töpfer, Till -- 5) Botanical Dioramas – just Beautiful?, Grotz, Kathrin -- Section 2. Theoretical Aspects of Learning with Dioramas -- 6) Dioramas as (Scientific) Models in Natural History Museums,

Moormann, Alexandra & Bélanger, Charlène -- 7) Educational Mechanisms of Dioramas, May, Michael & Achiam, Marianne -- 8) An Interpretation Model for Dioramas, Mifsud, Edward -- Section 3. Science Learning Activities Involving Dioramas -- 9) Constructing and Reviewing Dioramas: Supporting Beginning Teachers to Think about Their Use to Help Children Understand the Work of Natural History Scientists, McGregor, Debra & Gadd, Jennifer -- 10) Dioramas and Teachers: Looking, Thinking, Drawing, and Talking, Trowbridge, Cristina -- 11) Learning in Physical Science Opportunities at Natural History Dioramas, Tunnicliffe, Sue Dale, Gazey, Rebecca & Gkouskou, Eirini -- 12) Learning Science in the Encounter with Museum Dioramas, Piqueras, Jesús & Hamza, Karim & Edvall, Susanna -- Conclusion - The Use of Natural History Dioramas for Science Education, Reiss, Michael. .

Sommario/riassunto

This book presents the history of natural history dioramas in museums, their building and science learning aspects, as well as current developments and their place in the visitor experience. From the early 1900s, with the passage of time and changes in cultural norms in societies, this genre of exhibits evolved in response to the changes in entertainment, expectations and expressed needs of museum visitors. The challenge has always been to provide meaningful, relevant experiences to visitors, and this is still the aim today. Dioramas are also increasingly valued as learning tools. Contributions in this book include historical and theoretical aspects of learning with natural history dioramas as well as chapters on science learning activities with dioramas. In practice, dioramas are used by a wide range of educational practitioners to assist learners in developing and understanding specific science concepts. In this learning process, dioramas not only contribute to scientific understanding and cultural awareness, but also reconnect wide audiences to the natural world and thereby contribute to the well-being of societies. In the simultaneously published book: "Natural History Dioramas – Traditional Exhibits for Current Educational Themes, Socio-cultural Aspects" the editors focus on socio-cultural issues and the potential of using dioramas to engage various audiences with – and in – contemporary debates and big issues, which society and the natural environment are facing.
