Record Nr. UNINA9910768460303321

Titolo Multidisciplinary Approaches to Forensic Archaeology: Topics

discussed during the European Meetings on Forensic Archaeology

(EMFA) / / edited by Pier Matteo Barone, W. J. Mike Groen

Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Springer,,

2018

ISBN 3-319-94397-9

Edizione [1st ed. 2018.]

Descrizione fisica 1 online resource (280 pages)

Collana Soil Forensics, , 2214-4293

Disciplina 301

Soggetti Life sciences

Forensic science Archaeology

Life Sciences, general Forensic Science

Lingua di pubblicazione Inglese

Formato Materiale a stampa

Livello bibliografico Monografia

Nota di contenuto Preface -- Chapter 01: Introduction: Forensic Archaeology: Combining

Archaeology with Criminalistics and Criminology -- Part I: Forensic Archaeology and NDTs -- Chapter 02: Forensic archaeological remote sensing and geospatial analysis -- Chapter 03: Geophysics and Archaeology at crime scenes -- Chapter 04: Forensic Geophysics and the Search of Building Interiors, Peat Bogs, and Freshwater -- Part II: Forensic Archaeology and Human Remains -- Chapter 05: The increasing role of the forensic anthropologist in the search for the missing -- Chapter 06: Forensic archaeology: State-of-the-art archeological technology in France and other latest developments. A case study in Toulouse region (South West of France) -- Chapter 07: Actualistic experimental taphonomy of inhumation burial -- Chapter 08: The use of 3-dimensional scanning and surface capture methods in recording forensic taphonomic traces: issues of technology, visualisation, and validation -- Chapter 09: Human remains in marine environments: Challenges and Future developments -- Chapter 10:

Interrogating the ground – an archaeologist at a crime scene --Chapter 11: Forensic Archaeology in Denmark – A Work in Progress -- Chapter 12: Recent recruitment of forensic anthropologist and odontologist in Carabinieri scientific investigation: multi-disciplinary approach and scene investigation in case of hidden corpse -- Chapter 13: Forensic Archaeology in Russia: Past Developments and Future Approaches -- Chapter 14: Operation Nobility: The identification of a missing soldier from the Battle of Arnhem, 1944 -- Chapter 15: The Independent Commission for the Location of Victims' Remains in Ireland: A case study – the abduction, murder and secret burial of Victim B -- Part III: Forensic Archaeology and Antiquity Crimes -- Chapter 16: Not just body and decomposition: Forensic Archaeology preventing Antiquities Crimes -- Chapter 17: Problems of Archaeological Heritage Protection—The Background of Crime Against Monuments and Works of Art -- Chapter 18; Preventing Art and Antiquities Crimes using Forensic Geology.

Sommario/riassunto

This book will present the most advanced researches on forensic archaeology presented during the annual European meetings in the last 3 years. Thanks to the broad nature of the chapters presented, this book will show not only different approaches and different crime scenes around Europe, but also how every single European law enforcement has faced forensic investigations. This book shows forensic archaeology as practiced in this legal context, emerging and solidifying in many European countries, differing in some respects because of differences in legal systems but ultimately sharing common grounds. Differently from similar books, this will be not only a collection of researches and case studies in which forensic practitioners demonstrate the extent and complexity of the various aspects of forensic archaeology, but also it will show the necessity of co-operation as a condition for any work in forensic archaeology among scientists of different disciplines and law enforcers.