

1. Record Nr.	UNINA9910645997003321
Titolo	Europe's Lost Frontiers . Volume 1 : Context and Methodology // edited by Vincent Gaffney, Simon Fitch
Pubbl/distr/stampa	Oxford : , : Archaeopress Publishing Ltd, , 2022 ©2022
ISBN	1-80327-269-4
Descrizione fisica	1 online resource (272 pages)
Collana	Europe's lost frontiers
Disciplina	930.1028
Soggetti	Archaeological surveying
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	<p>istofFigures iii-- GeneralEditor'sPrefacevii-- TheLostFrontiersTeam viii-- Authors'details ix-- Acknowledgements xi -- Chapter1Europe'sLostFrontiers:contextanddevelopment 1-- BeforeEurope'sLostFrontiers -- Chapter2Beyondthesite:Are- evaluationofthevalueofextensivecommercialdatasetsfor palaeolandscaperesearch 16-- Chapter3AdescriptionofpalaeolandscapefeaturesinthesouthernNorthSea 36-- Chapter4Fromextensivetointensive: MovingintotheMesolithiclandscapeofDoggerland 55-- Chapter5 ThearchaeologicalcontextofDoggerlandduringthefinalPalaeolithicandMe solithic 63-- Europe'sLostFrontiers -- Chapter6TheSouthernRiver: methodsfortheinvestigationofsubmergedpalaeochannelsystems 89-- Chapter7Establishingalithostratigraphicandpalaeoenvironmentalframew orkfortheinvestigationof -- vibracoresfromthesouthernNorthSea100-- Chapter8SedimentaryancientDNApalaeoenvironmentalreconstructionint heNorthSealandscape12-- Chapter9PalaeomagneticanalysisofcoresfromEurope'sLostFrontiers 122-- Chapter10Applyingchemostratigraphictechniquetoshallowboreholes: Lessonsandcasestudiesfrom -- Europe'sLostFrontiers 137-- Chapter11IntroductiontogeochemicalstudieswithinEurope'sLostFrontier s 154-- Chapter12ConstructingsedimentchronologiesforDoggerland 165-- Chapter13BuildingchronologiesforEurope'sLostFrontiers:</p>

Radiocarbon dating and age-depth modelling 181--
Chapter 14 Simulating a drowned landscape: A four-dimensional approach to solving problems of behaviour and scale 190--
Chapter 15 Greetings from Doggerland?
Future challenges for the targeted prospection of the southern --
North Sea palaeolandscapes 208-- Supplementary Data --
Chapter 16 Supplementary data to 'The archaeological context of Doggerland during the Final Palaeolithic and Mesolithic' by Walker, Gaffney, Fitch, Harding, Fraser, Muru and Tingle 217--
Chapter 17 Supplementary data to 'Constructing sediment chronologies for Doggerbank, North Sea' by Kinnaird, Bates, Bateman and Srivastava 218--
Bibliography 222.

Sommario/riassunto

"Europe's Lost Frontiers was the largest directed archaeological research project undertaken in Europe to investigate the inundated landscapes of the Early Holocene North Sea - the area frequently referred to as 'Doggerland'. Funded through a European Research Council Advanced Grant (project number 670518), the project ran from 2015 to 2021, and involved more than 30 academics, representing institutions spread geographically from Ireland to China. A vast area of the seabed was mapped, and multiple ship expeditions were launched to retrieve sediment cores from the valleys of the lost prehistoric landscapes of the North Sea. This data has now been analysed to provide evidence of how the land was transformed in the face of climate change and rising sea levels. This volume is the first in a series of monographs dedicated to the analysis and interpretation of data generated by the project. As a precursor to the publication of the detailed results, it provides the context of the study and method statements. Later volumes will present the mapping, palaeoenvironment, geomorphology and modelling programmes of Europe's Lost Frontiers. The results of the project confirm that these landscapes, long held to be inaccessible to archaeology, can be studied directly and provide an archaeological narrative. This data will become increasingly important at a time when contemporary climate change and geo-political crises are pushing development within the North Sea at an unprecedented rate, and when the opportunities to explore this unique, heritage landscape may be significantly limited in the future."
