Submerged Landscapes of the European Continental Shelf: Quaternary Paleoenvironments
Nicholas C. Flemming (Editor), Jan Harff (Editor), Delminda Moura (Editor), Anthony Burgess (Editor), Geoffrey N. Bailey (Editor)


DESCRIPTION

Quaternary Paleoenvironments examines the drowned landscapes exposed as extensive and attractive territory for prehistoric human settlement during the Ice Ages of the Pleistocene, when sea levels dropped to 120m-135m below their current levels. This volume provides an overview of the geological, geomorphological, climatic and sea-level history of the European continental shelf as a whole, as well as a series of detailed regional reviews for each of the major sea basins. The nature and variable attractions of the landscapes and resources available for human exploitation are examined, as are the conditions under which archaeological sites and landscape features are likely to have been preserved, destroyed or buried by sediment during sea-level rise. The authors also discuss the extent to which we can predict where to look for drowned landscapes with the greatest chance of success, with frequent reference to examples of preserved prehistoric sites in different submerged environments.

Quaternary Paleoenvironments will be of interest to archaeologists, geologists, marine scientists, palaeoanthropologists, cultural heritage managers, geographers, and all those with an interest in the drowned landscapes of the continental shelf.

ABOUT THE AUTHOR

Nicholas C. Flemming has studied submerged terrestrial archaeological sites and changes of sea level for more than 50 years, and is the author of several books and papers on the subject. He is a Visiting Research Fellow at the National Oceanography
Centre, Southampton, a Fellow of the Society of Antiquaries of London, a Fellow of the Society for Underwater Technology, and a Vice-President of the Nautical Archaeology Society.

Jan Harff is Professor of Geosciences and Seafloor Geology at the University of Szczecin, Poland. He collaborates with marine research institutes in the Baltic area and Scandinavia, Russia, the United States and China. He coordinated (together with Friedrich Lüth) the research project SINCOS (Sinking Coasts - Geosphere, Ecosphere and Anthroposphere of the Holocene Southern Baltic Sea), and chaired Working Group 2 (“Environmental Data and Reconstruction”) of the COST Action TD0902: SPLASHCOS.

Delminda Moura is a geologist at the Universidade do Algarve- Centre for Marine and Environmental Research (CIMA), Portugal, conducting research on landscape evolution during the Quaternary, as forced by climatic and sea-level changes. She devotes particular attention to the use of morphological, sedimentological and biological proxies to reconstruct past sea levels.

Anthony Burgess graduated in 1996 from the University of Wales (Swansea), and then joined the Home Office, working as a crime analyst until 2008. After leaving the Home Office and enjoying an extended period of travel, he completed his masters in maritime archaeology at the University of Southampton, and is currently a PhD candidate in Archaeology at the University of Malta.

Geoffrey N. Bailey is Anniversary Professor of Archaeology in the University of York, and Chairman of the EU-funded SPLASHCOS programme. His research interests are in coastal prehistory, submerged landscapes and Quaternary-scale environmental change, and he has engaged in major projects on these themes in Australia, Africa, Greece, Saudi Arabia and the UK, most recently as Principal Investigator of the European Research Council DISPERSE Project, concerned with the role of geologically unstable landscapes and coastal environments in patterns of early human dispersal in Africa, the Red Sea and the Arabian Peninsula. He is a Fellow of the Society of Antiquaries of London, a member of Academia Europaea, and President of the UISPP Commission on Coastal Prehistory and Submerged Landscapes.

For additional product details, please visit https://www.wiley.com/en-us