



making sense of heritage

Staff profile

Paolo Croce
Archaeologist



Area of Expertise and Technical Skills

Coastal and Marine Archaeology
Aerial photograph analysis
Terrestrial and Underwater surveys

Career Details

2006 – 2011	Various archaeology units in Italy
2012 – 2013	Archaeological Prospection Service of Southampton
2013 - present	Wessex Archaeology

Qualifications

2006 BA Archaeology, University of Padua, Italy
2011 MA (distinction) Naval Archaeology, University of Bologna, Italy
2012 MSc Maritime Archaeology, University of Southampton
HSE III Commercial diver

Summary History

Paolo started his career as an archaeologist in a wide array of underwater and terrestrial sites dating from Palaeolithic to Late Medieval for universities (Padua, Siena, Ferrara) and commercial units (Coop Archaeosub Metamauco, P.E.T.R.A.) mainly based in north Italy.

In 2009 he qualified as Operatore Tecnico Subacqueo – HSE approved qualification for SSD Inland/Inshore Diving at Centro Formazione Offshore of Ravenna, Italy, and since then he developed his skills in archaeological excavations and surveys as well as commercial diving work on pipelines and in ports and harbours.

His experience ranges from excavating shipwrecks in the Venice Lagoon and Bronze Age lake dwelling on the Garda, to investigating the maritime heritage of the UK, geophysical surveys undertaken at coastal archaeological sites in United Arab Emirates and collaborations with coastal and underwater surveys in Oman and Montenegro.

At Wessex Archaeology he is part of the Dive Team and is one of our SCUBA Dive Supervisors. His main tasks comprise historical wreck investigation and assessment, intertidal and foreshore watching briefs and groundtruthing surveys. As a certified OTS technician he helps to keep the diving equipment in working conditions and supports our Dive Superintendent.

Recent projects include investigation of submarines off Falmouth beach, Heritage At Risk diving operations and project Samphire fieldworks, groundtruthing of geophysical anomalies in the Solent, watching briefs on dredging vessels as part of the London Gateway development, archaeological review of ROV video for seabed features, archaeological supervision of paddle steamer clearance in the Thames estuary.



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Staff profile

Toby Gane
Project Manager



Area of Expertise and Technical Skills

Coastal and Marine Archaeology
Built Heritage
Coastal Zone Assessment
Diving Investigations

Career Details

2005-2006: Archaeological Field Unit
2006-2008: CAM ARC
2008-2010: Oxford Archaeology (East)
2010-present: Wessex Archaeology

Qualifications

1989 BTEC HND Practical Archaeology, Bournemouth & Poole Polytechnic
1990 MPhil Maritime Archaeology, St Andrews University
2008 Post Graduate Certificate, Architectural History, Oxford University
Member of the Institute for Archaeologists (MifA)
CMAS 3* Diver

Summary History

Toby began his archaeological career practising and studying field archaeology in the late 1980s, taking part in a number of terrestrial excavations in the UK. After learning to dive, he focussed his interest in maritime archaeology by undertaking a masters degree at the Scottish Institute of Maritime Studies (St Andrews University). During this time he studied underwater fieldwork techniques, shipwreck archaeology and submerged settlements as part of his degree. After obtaining his masters, he worked on a number of terrestrial and underwater research projects funded by various institutions during the early 1990s.

During his career Toby has worked for a Local Authority archaeological unit and private heritage practices as Contracts Manager, with his main responsibilities focussed on commercial tendering, as well as Project Manager. During the course of his work he developed a successful built heritage team, managed a range of projects, and was heavily involved in the re-branding of the unit to CAM ARC in preparation for the Local Authority's plans to outsource its contract archaeology services. He also successfully secured a series of major infrastructure and housing-related projects for the unit. In 2008, CAM ARC was successfully taken over by Oxford Archaeology and Toby continued in the role of Contracts Manager with the unit, which benefited from the higher profile provided by being part of the Oxford Archaeology group.

In early 2010, Toby joined Wessex Archaeology as Project Manager in the Coastal and Marine section. He has managed an array of Coastal and Marine projects including Desk Based Assessments for EIA (marine aggregates and offshore renewable energy), archaeological requirements for ports and harbours, consultation documents for Round 3 offshore renewable energy projects, an education programme to disseminate the results of the MALSF Regional Environmental Characterisation projects, and Rapid Coastal Zone Assessment Survey for a National Park Authority.

Toby also manages the contract for archaeological services in relation to the Protection of Wrecks Act (1973) on behalf of English Heritage. This ongoing work involves the monitoring through diving of all protected wreck sites in the UK, diving investigations on new sites that may be considered for designation, and making recommendations to English Heritage on the ongoing management of these sites.

Publications include the guidance documents for offshore renewable energy schemes published by The Crown Estate.



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Staff profile

A. Euan McNeill
Director, Coastal & Marine



Area of Expertise and Technical Skills

Coastal & Marine archaeological consultancy.
Archaeological impact assessment for offshore
Development Consenting, UK & Europe.
Regional environmental characterisation & assessment.
UK offshore Quaternary geology, high resolution marine
geophysics and seabed survey.

Career Details

1993 – 2000: Svitzer Ltd
2000 – 2005: Titan Surveys Ltd
2005 – present: Wessex Archaeology

Qualifications

1990 BSc (Hons) Applied Geology, Polytechnic South-West
1991 MSc Petroleum Geology, Aberdeen University
Fellow of the Geological Society

Summary History

Euan started his career working for Svitzer, initially as a geophysicist before being promoted to Project Manager. At Svitzer Euan was responsible for quality control of digital and analogue seismic data during acquisition of site surveys, pipeline route and inspection surveys. At Titan Surveys Euan was responsible for marketing the Coastal Survey division in existing markets such as cable route survey and ports and harbour developments and developing new market areas particularly in the field of renewable energy, conducting tender preparation and contractual negotiations. He provided geophysical support and development of survey capability for field and office activities, fulfilled a project management role on a range of geophysical and environmental surveys and provided client liaison. Having learnt to dive at university Euan developed a keen interest in maritime archaeology. He is also a member of the Nautical Archaeology Society.

In 2005 Euan joined Wessex Archaeology as a Project Manager in the Coastal and Marine Section. He was promoted to Senior Project Manager in 2009 and then to Director, Coastal & Marine in 2012. Euan is responsible for the collation and competitive pricing of technical and commercial proposals, and is involved in liaison with new and established clients.

At Wessex Archaeology his experience has primarily been in providing high level archaeological consultancy and managing archaeological assessments as part of the environmental impact assessment process, including regional environmental assessments, desk-based assessments and reviews of geotechnical and geophysical data. These have been for a wide variety of sectors, including the marine aggregates industry, ports and harbours, and numerous marine renewable energy projects, including large Round 3 offshore wind farms. Euan has also managed the administration of the BMAPA/EH/TCE protocol for the recording of finds from the seabed and its associated awareness outreach programme targeting aggregate industry employees. In addition, Euan was the REC Project Co-ordinator for the 2007-11 survey programmes in the Thames, South Coast, Humber and East Coast regions, working with the MEPP Secretariat and reporting to the Steering Group. Euan also manages Wessex's Time Travelling By Water outreach programme.



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Staff profile

Michael Murray
Senior Archaeologist



Area of Expertise and Technical Skills

Coastal and Marine Archaeology
Remote Sensing, Underwater Laser Scanning
Archaeological Dive Project Planning and Supervision
Kirby Morgan Maintenance and Repair Specialist

Career Details

1997 – 2003: Various archaeological organisations
2005 – 2006: State of South Carolina
2006 – 2007: SEARCH
2007 – 2013: Panamerican Consultants
2014 – present: Wessex Archaeology

Qualifications

1997 BA Anthropology, University of Idaho
2003 MA Maritime Archaeology, University of Southampton
Member of Society of Historical Archaeology
Academy of Underwater Sciences (AAUS)
HSE Part III and IV / SSD Certificate (30m)
US Merchant Marine Officer

Summary History

Michael has specialised in maritime archaeology since 1997. Prior to Wessex, he worked for a variety of archaeological organisations, including the Institute of Nautical Archaeology (INA) on his first underwater archaeological excavation of the Mont-Christi Pipewreck in the summer of 1997. Following this, he was a volunteer archaeological diver on the Aucilla River Prehistory Project in 1998. Michael has also worked for a number of years within the historic tallship industry as an Able-Bodied Seaman and Captain. This culminated in the creation of his own underwater archaeological outreach program aboard an 1833 replica pilot schooner that he owned in St. Augustine, Florida and ran part-time from 2007 to 2010.

From 2007 to 2013 Michael has worked as a maritime archaeologist for Panamerican Consultants. Michael has logged almost 100 surface-supplied archaeological dives. Recently, he was a dive supervisor on two archaeological diving projects for Panamerican and one foreshore survey. The latter involved leading a team for four weeks that documented 117 historic rice plantation sites in an intertidal zone using a 17-foot Carolina skiff on the Savannah River. He has also been responsible for generating archaeological reports for Panamerican that include an extensive amount of historic archival work as well as magnetometer, sub-bottom profile, and side-scan sonar data processing and analysis.

Michael's role as a maritime archaeologist for various organisations has also meant that he has developed the necessary skills and experience that are essential for working effectively with a wide range of clients, curators and stakeholders. He has directed or otherwise been responsible for significant work on a wide variety of important sites including the Mont-Christi Pipewreck (a 17th Century Dutch shipwreck with the 3rd largest cache of Dutch clay pipes found in the Western Hemisphere), the excavations of the American Civil War tin and wooden clad ships *Echo* and *Undine*, the *Marble Wreck*, the *Western World*, and the *Mexico*. Most recently, he has been involved in the initial stages of recording and raising the *CSS Georgia*; the first iron-clad vessel that the Confederates built in 1862 and sank in 1864. Currently, Michael is working on a PhD at the University of Southampton that involves the use of an underwater laser scanning device developed by 2G Robotics based in Waterloo, Ontario. A strong component of this project is to ascertain its efficacy for historic shipwreck management and monitoring.



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Staff profile

Ian Phillips

Company Secretary, Safety Health & Environment Manager



Area of Expertise and Technical Skills

Health & Safety Management and Policy writing
Health & Safety Training and monitoring
Health & Safety Auditing, Reviewing Risk Assessments
Producing Management Reports
Company Governance
Facilities Management

Career Details

1988 – 2012 British Army
2012 – Present: Wessex Archaeology

Qualifications

Member of the City and Guilds Institute (MCGI) – Level 7 National Qualifications Framework
NEBOSH Certificate in General & Occupational Health & Safety
NEBOSH – Management of Health and Safety
NEBOSH – Health and Safety Practical Application
NEBOSH – Controlling Workplace Hazards
Construction Skills Certification Scheme card holder
Certificate of Professional Competence (CPC) – National & International Road Haulage Operations
Certificate of Professional Competence (CPC) – National & International Passenger Transport
Role of Company Secretary - ICSA
Equipment Care Manager
Road Safety Advisor
Recruitment Selection and Interviewer
Audit and Evaluation
ADR Hazardous Materials 1-3 in/out tanks

Participation in National and Local Committees

Chartered Member of the Institute of Logistics and Transport UK (CMILT)
Member of the Institute of Occupational Safety and Health (Tech IOSH)
Member of the Association of Industrial Road Safety Officers (MAIRSO)

Summary History

Ian has been with Wessex Archaeology since August 2012, and is responsible for ensuring that the company's Health & Safety policy is reviewed and updated, and that the company's Health & Safety Procedures are put in to practice. Ian is also responsible for the maintenance of the Health & Safety Management System at Wessex Archaeology and ensuring that any changes to policies and procedures are communicated to all staff. In his time with WA Ian has carried out a full review of Health, Safety and training and put in place a system that ensures all certificated Health & Safety training is managed in an efficient way. Another notable achievement is putting in place training programme for all Project Managers to be qualified in IOSH Managing Safely. Ian is also now the Company Secretary and is responsible for Governance and Facilities across the company in addition to Health & Safety.

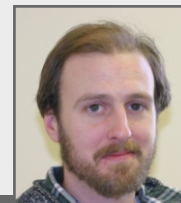
Ian brings to Wessex Archaeology a wealth of experience, gained from a 24 year career in the British Army, achieving the rank of Warrant Officer Class One. This included time spent at Defence Equipment & Support at MoD Abbeywood, as the Defence Master Driver, where he was responsible for drafting and formulating a Joint Service Publication, which regulated, Defence Road Transport and Health & Safety across the 3 Armed Forces and the Ministry of Defence Agencies. Ian's responsibilities whilst serving in the British Army included: ensuring competency and currency when driving/operating vehicles/equipment, developing and assessing areas for improvement and monitoring Health & Safety training programmes. Ian is also highly experienced in auditing Health & Safety compliance.



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Staff profile

John 'Jack' Russell
Senior Marine Archaeologist



Area of Expertise and Technical Skills

Environmental reporting and management
Archaeological fieldwork, direction and supervision
Environmental analysis
Geoarchaeological analysis
Microfaunal (foraminifera and ostracod) analysis

Career Details

1993-2005: Various archaeological organisations
1993-96: University College London (BA)
2002-03: University College London (MSc)
2005-present: Wessex Archaeology

Qualifications

1996 BA Hons Archaeology. Institute of Archaeology, University College London
2003 MSc Micropalaeontology. Department of Earth Sciences. University College London

Participation in National and Local Committees

Member of the Institute for Archaeologists (IfA)

Summary History

John has wide ranging archaeological experience since joining the profession in 1993. His field experience has mainly been gained on urban, rural and intertidal archaeological sites in London and South-East England. John has also worked in Orkney, Libya, Bermuda and New York.

John has directed a wide variety of terrestrial and intertidal archaeological excavations, including compilation of the site reports. John is an experienced field archaeologist with skills including surveying, photography, timber recording and in particular, environmental archaeology.

John has most recently been involved in geoarchaeological and environmental analysis of prehistoric deposits in offshore development areas, including wind farms, aggregate extraction areas and harbour developments. This has included geoarchaeological analysis of core samples and devising and implementing strategies for the assessment and analysis of relevant dating and environmental samples. John undertakes some of the environmental analysis (foraminifera and ostracods) himself, a specialism that he was trained in by John Whittaker.

John is presently working for Wessex Archaeology on a wide range of both Coastal and Marine and land-based General Development projects, and is frequently seconded to the Post-excavation Section to provide specialist support.

Selected Wessex Projects -

Southampton Capital Dredge, Southampton Water, Hampshire
Avonmouth proposed wind farm
Chichester Harbour geophysical and auger survey
Sheringham Shoal offshore wind farm
Seabed Prehistory
Lynn and Inner Dowsing offshore wind farm
Taplow Quarry
Strood Riverside development



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Publication Summary

In addition to compiling, and contributing to, many 'grey literature' client reports, as either fieldwork director, geoarchaeologist or environmental specialist, John has published the following work:

Feist-Burkhardt S Götz A. E., Ruckwied, K. and Russell J.W., 2008. Palynofacies patterns, acritarch diversity and stable isotope signatures in the Lower Muschelkalk (Middle Triassic) of N Switzerland: Evidence of third-order cyclicity. Swiss Journal of Geosciences. 101. 1-15