

### Session 3A

## THE 'MULTI-PROXY APPROACH' IN MARITIME ENVIRONMENTS: USING COMBINED GEOMORPHOLOGICAL, SEDIMENTOLOGICAL, BIOSTRATIGRAPHICAL AND GEOPHYSICAL METHODS TO DETECT LANDSCAPE CHANGES

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Around 6000 years BP, the Holocene marine transgression came to a halt and the more or less stable sea level enabled ancient societies to settle the shores worldwide permanently. Lambeck & Purcell (2007) coined this point in time as the 'dawn of civilisations'. From those days onwards, the interactions between expanding settlements and erosional-sedimentological processes as well as between fluctuating sea levels and migrating shorelines caused a specific fingerprint in the archives of coastal regions. In order to reconstruct the human and landscape history of these coastal, maritime landscapes, it is necessary correctly to identify and interpret this fingerprint, and to achieve this the whole range of scientific disciplines concerned with coastal research has to collaborate. Recently, several interdisciplinary studies have shown that the combination of geomorphological, palaeofaunistical and geophysical methods is an especially powerful and effective approach to evaluate coastal archives. Therefore, this session aims to highlight the special potential of this combination. We call for both oral and poster presentations. As we did for the 2016 LAC Meeting in Uppsala, we plan to publish the outcome of this session in an international, peer-reviewed journal such as *Geoarchaeology*.

# SECOND ANNOUNCEMENT

Registration and Call for Papers and Posters now open



## 5th LANDSCAPE ARCHAEOLOGY CONFERENCE NEWCASTLE UPON TYNE AND DURHAM (UNITED KINGDOM) 17 – 20TH SEPTEMBER 2018



LAC is a biennial series of conferences co-ordinated by the International Association of Landscape Archaeology – ([IALA](http://www.iala.org)). The founding conference took place in Amsterdam in 2010, and subsequent conferences have been held in Berlin (2012), Rome (2014) and Uppsala (2016). With each conference, LAC's geographical range and interdisciplinary span expands. It now attracts participants from over 35 countries in every continent and from multiple disciplines including archaeology, anthropology, environmental sciences, geography, geology, heritage, landscape architecture, landscape history and many other landscape-focussed neighbouring disciplines.

The 5<sup>th</sup> LAC will take place in Newcastle and Durham from the 17<sup>th</sup> to the 20<sup>th</sup> September 2018, and we hope to welcome over 300 participants. It is being organised jointly by the Universities of Durham and Newcastle, which have almost a century-long tradition of archaeological research and teaching, with research interests spread across the world. Their region, north east England (UK), is rich in prehistoric remains, contains the best known of the Roman imperial frontiers and was one of the cradles of early Christianity in Britain and a birthplace of the Industrial Revolution.

The conference aims for as wide a temporal and spatial coverage as possible, and to include research on theory, method and interpretation. We will encourage sessions and papers proposals from or concerning any part of the world, and extending widely across the disciplinary spectrum, from long-established approaches to studying past landscapes, to those within archaeological and related palaeo-geographical and historical fields who make use of landscape as a 'usefully ambiguous concept' to cross traditional boundaries or conventional research paradigms.

Website: <http://www.ncl.ac.uk/mccordcentre/lac2018/>; Email: [lac.2018@newcastle.ac.uk](mailto:lac.2018@newcastle.ac.uk)

## Key Dates for conference planning:

31<sup>st</sup> March 2018: Call for Papers Closes

4<sup>th</sup> July 2018 – Deadline for Early Registration

4<sup>th</sup> August 2018 – Deadline for Final Registration

## Outline Conference Structure

	Location	Scientific sessions	Social events
Monday 17 September 2018:	Newcastle		Evening reception
Tuesday 18 September 2018:	Newcastle University	plenary lectures, sessions, poster session	Opening ceremony, Conference Dinner at The Boiler Shop
Wednesday 19 September 2018	Durham University	sessions	Choice of excursions in afternoon, return to Newcastle in evening.
Thursday 20 September 2018:	Newcastle University	sessions	Closing ceremony

## Confirmed plenary keynote speakers

Meggen Gondek (University of Chester UK)

Alfredo Gonzalez-Ruibal (CSIC, Spain)

Elfi Koparak (Hitit Unveritesi, Turkey)

Nicki Whitehouse (Plymouth University, UK)

## Call for Papers and Posters

Following a good response to our call for sessions in 2017, we have constructed an excellent and wide-ranging programme – please see the [Session Abstracts HERE](#). LAC2018 is now inviting proposals for individual papers and posters within these sessions. The online [Submission Form can be found HERE](#)

The deadline for submission of papers and posters is 31 March 2018.

## Conference Excursions

Participants will be able to choose from one of four half day excursions in the afternoon of Wednesday 19<sup>th</sup> September. Each tour will begin in Durham at midday and coaches will return participants to Newcastle in the early evening. The four tours are (provisionally, details may change):

1. The Pennines (rural landscapes, mining Landscapes)
2. Tyne & Wear / Durham coast, urban, industrial, and maritime focus
3. Frontiers and Borders (Hadrian's Wall)
4. Durham city, castle and cathedral Walking Tour

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## **Display Space and Sponsorship**

There will be opportunities and space available for interested publishers, exhibitors or demonstrators to take display space or in some other way support, sponsor or participate in LAC2018, or to advertise relevant products and services. There will be small fee (£150) to the costs of display space. Please email [lac.2018@newcastle.ac.uk](mailto:lac.2018@newcastle.ac.uk) to discuss your requirements, preferably before the end of May.

## **Practical matters**

**Registration** is organised through Newcastle University. Follow this link to [REGISTER](#). The final deadline for registration is 4th August 2018. The conference fee is £225, but a reduced fee of £195 is available for registration before 4th June 2018.

The fee includes attendance, lunch and refreshments at the conference, the conference reception (17th September) and conference dinner (18th September) and one of the optional excursions on 19th September. Registration for [IALA membership](#) (which is open now) permits voting rights and participation in the plenary session of the first General Assembly of IALA during LAC2018.

**Accommodation** - Participants at the conference must organise and pay for their own Accommodation. Newcastle has a large range of types of number of accommodation; for convenience a list of hotels covering a range of prices can be found, booked and paid for when registering for the conference or by clicking [this link](#).

**Travel** – Participants will need to arrange their own travel to Newcastle. For the parts of the conference held in Durham, transport by coach will be provided. Newcastle is easily accessible by direct flights to Newcastle International Airport, with links to the city centre provided by the Metro (a local train service). Newcastle also benefits from direct train services from all major UK cities including London (3 hours), Edinburgh (1.5 hours) and Manchester (3 hours).

**We look forward to welcoming you to LAC2018!**

LAC2018 Organising Committee  
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