Publishing visualisations: some thoughts and considerations
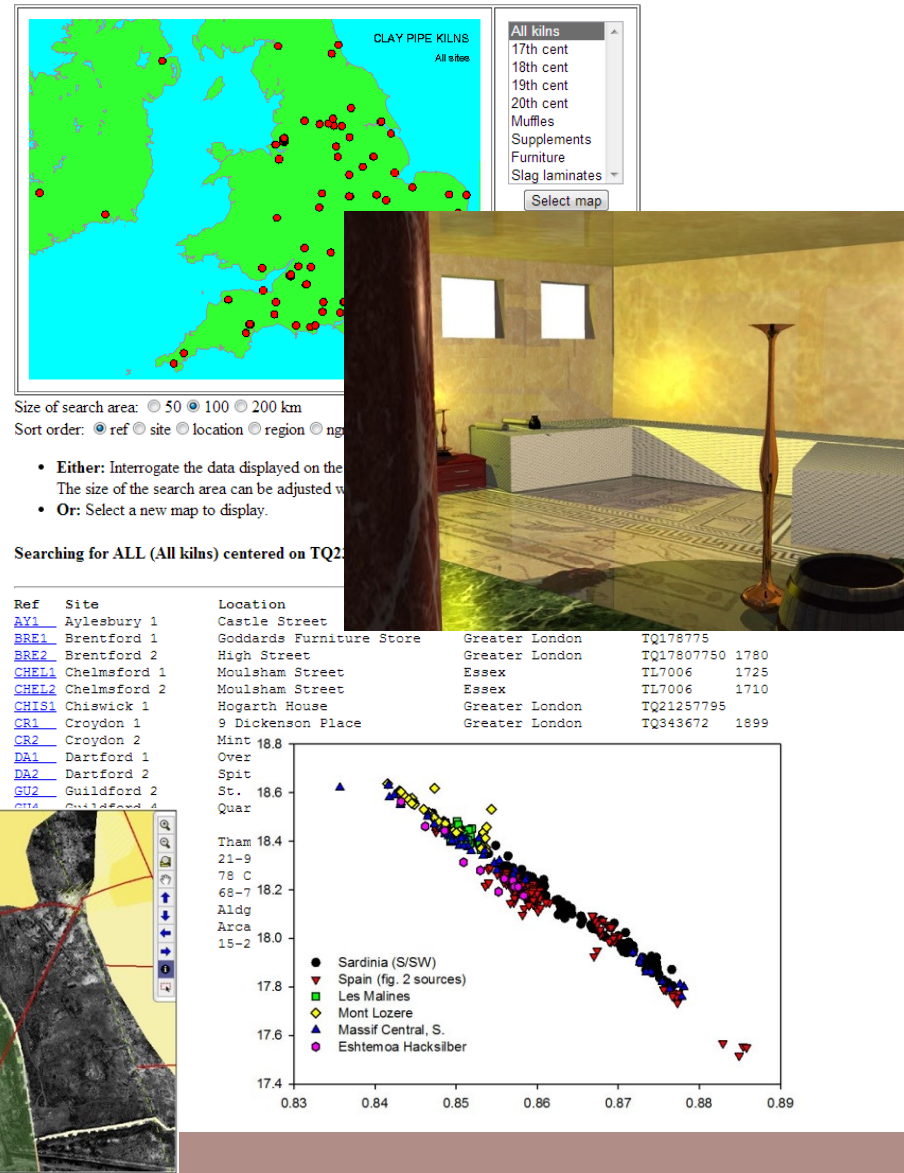
Judith Winters, Editor

internet archaeology

http://intarch.ac.uk

Visualisations in IA

- Images/Diagrams
- Maps (Clickable, Javascript, GIS, Zoomify)
- Panoramas
- Animations
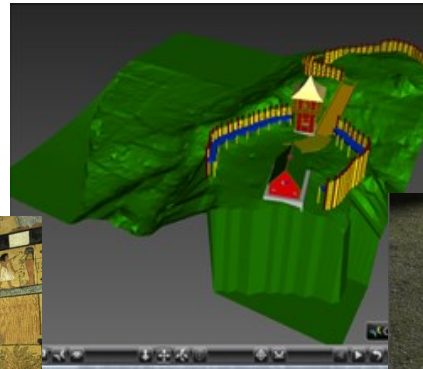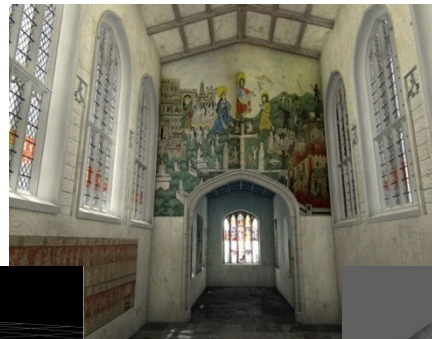- 3D models
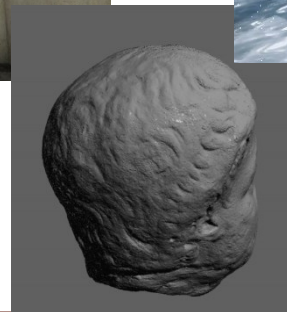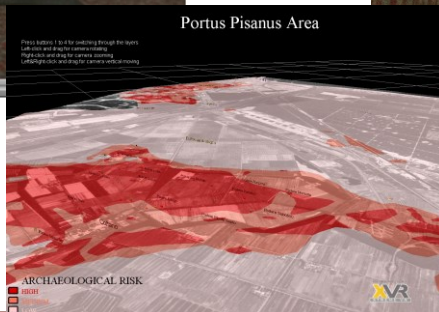- Videos

IA visualisations - a timeline

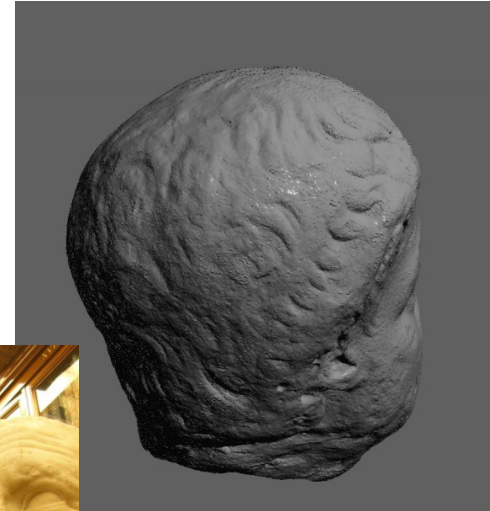2000

2005

1999

1996

2008

2012

2011

Portus Pisanus Area

2013

ARCHAEOLOGICAL RISK

Visualisations are...

Representation of data but also a focus of both social interaction and scholarly activity

- Disciplinary liminal area
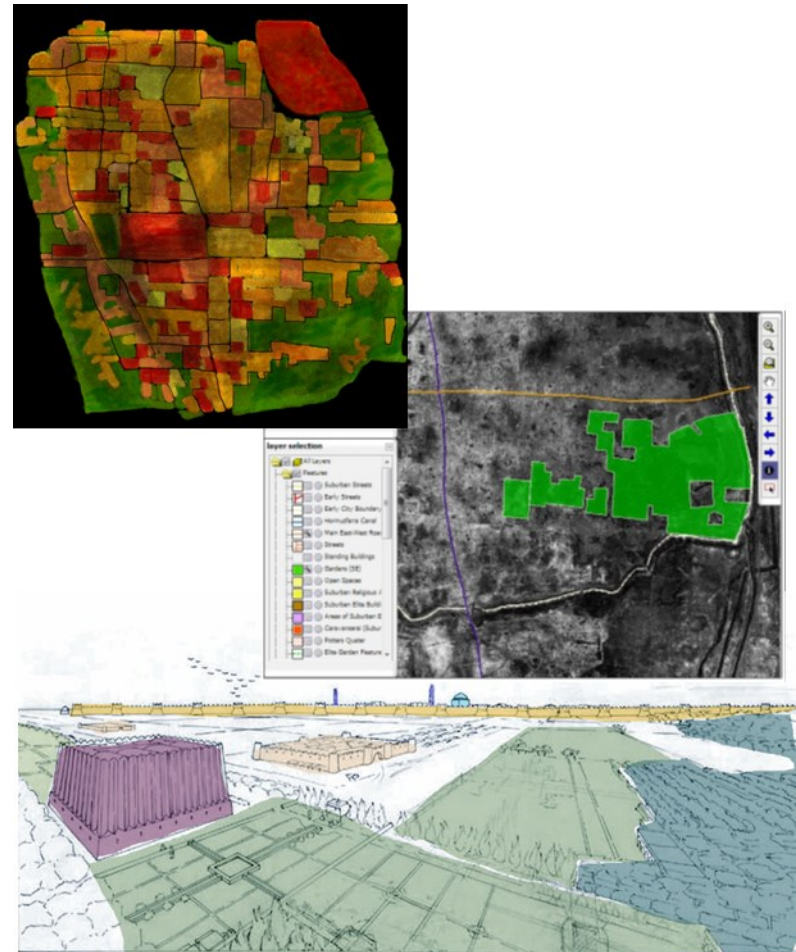- Visualisations are both technological products and subjective renderings of archaeological material
- Filmic nature – "the compelling computer image"

Thought 1

Sensitive to the requirements
of legibility as much as
the pressures for
precision

Thought 2

Strike a balance

- Ease of publication (time, labour, cost)

- Author needs

- Audience needs
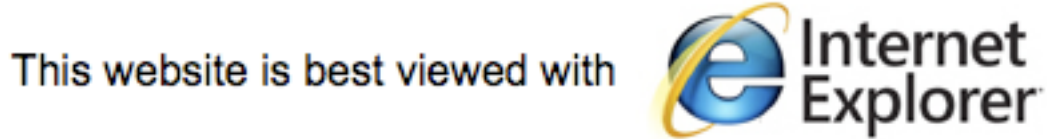

Image credit: http://www.wsandb.co.uk/wsb/feature/2219703/balancing-the-costs-of-benefits

Thought 3

An eye on the long view

- Formats accepted (e.g. 3D PDF & WRL)

- Increase in metadata requirements and need for alternative formats

Thought 4

This website is best viewed with **Internet Explorer®**

Accelerated aging

- Shorter life cycle than other types of content
- Changing browser support
- Visualisations are aging before end of usual 'lifespan' of an article

Thought 5

Recognition (or otherwise) of digital outputs!

Image credit: Randall Nelson http://www.teradatamagazine.com/Article.aspx?id=12632

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