Introduction to the Paper Humanities

by Peter J. Cobb, PhD

just kidding...

Must we Define the Digital Humanities?

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Faculties of Education and Arts

香 港 大 學
THE UNIVERSITY OF HONG KONG

Fall Symposium on
Digital Scholarship 2020
@HKBU

HKBU DS SYMPOSIUM

Defining DH

Interdisciplinary Research

Teaching & Learning

Open Science

Public Engagement

Infrastructure

Transdisciplinary

☞ Teaching and Learning

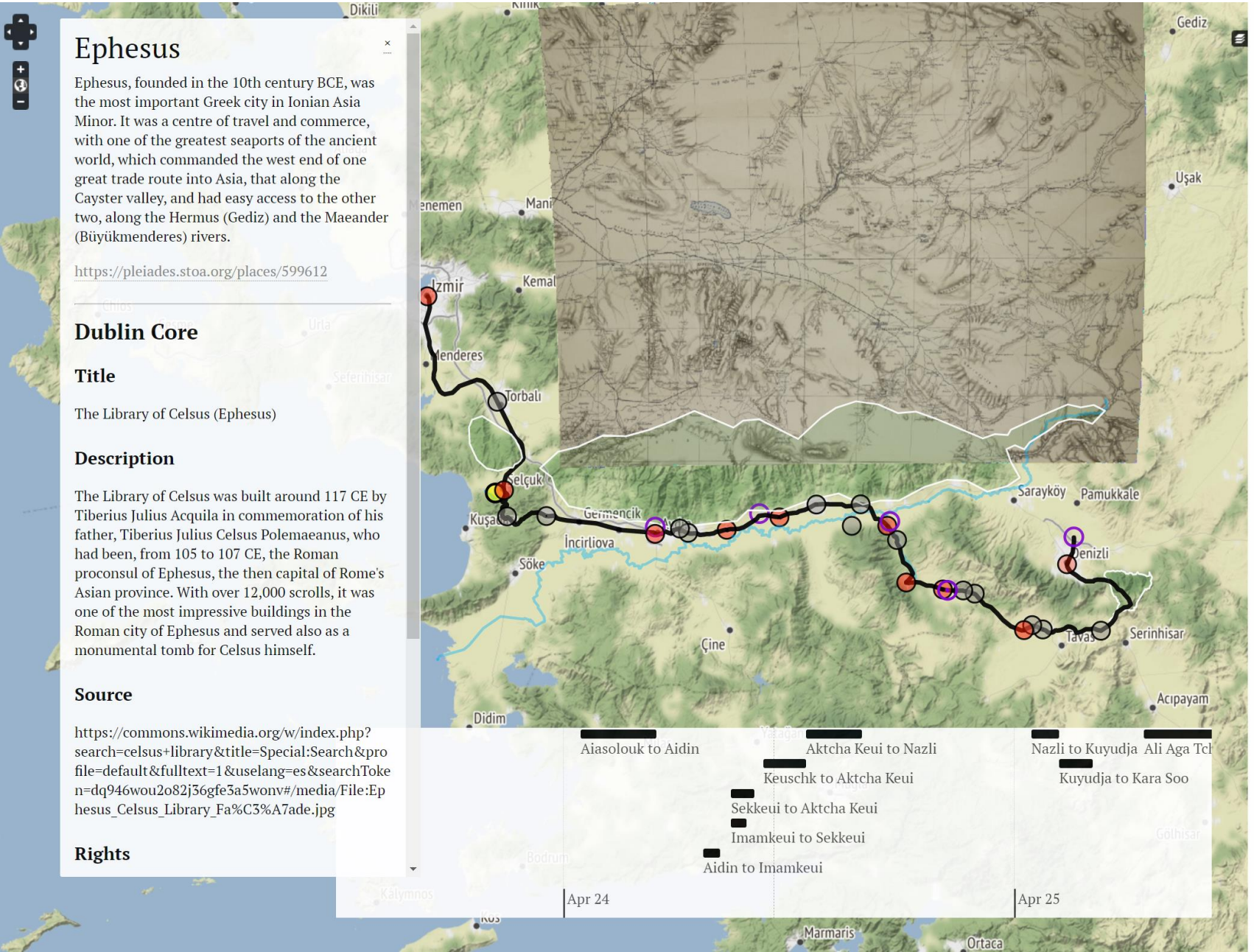
Information Schools Digital Humanities Curriculum Committee

Mapping Historical Texts in the Classroom: The Anatolian Travelers Project

http://openarchaeology.org/

doi 10.14714/CP93.1488

Cartographic Perspectives (2019)



Anatolica

or The Journal of a Visit to some of the Ancient Ruined Cities of Caria, Phrygia, Lycia, and Pisidia

By Edwin John Davis

1874

- Edwin John Davis was a British Episcopalian chaplain who resided in Alexandria. He traveled throughout Asia Minor as an observer and this account details one of his journey as well as his scholarly comparisons between the various regions. -

Smyrna to Aidin (p. 22-64)

April 23.

(pg. 24) We left Smyrna for Aiasolouk. The railway passes round the base of Mount Pagus, through some deep cuttings in the volcanic rock, and enters the plain of Boujah...

(pg. 25) Beyond Boujah, is the large village of Sedikeui, with a magnificent grove of cypresses near it. Here the plain, which is only in part under culture, begins to open, and its dark red soil is evidently very fertile...

(pg. 28) The railway here passes under the stupendous rock-precipices of Alaman Dagh (Mount Galesion). High above, on a precipitous peak of the mountain, stands the Kedji Kalesy (Groat's Fort), supposed to have been one of the ancient Persian watch-towers. The railroad passes close under it, and alongside the rapid and turbid stream of the Cayster, now much swollen by the late rain.

(pg. 29) At mid-day the train arrived at Aiasolouk.

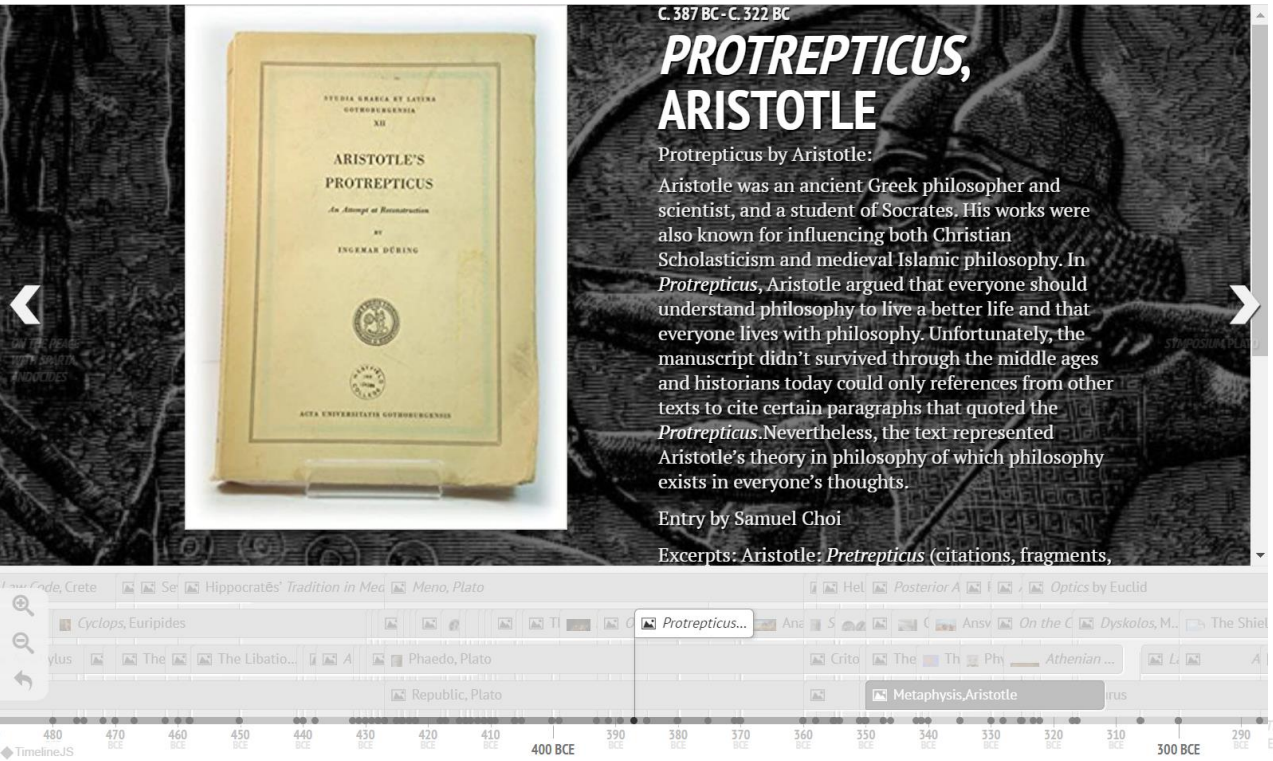
(pg. 32) From the foot of the hill of Aiasolouk the marshy plain of the Cayster extends without interruption to the sea. On the north the offsets of Galesus bound it, and on the south the long ridge of Coressus. Immediately in front and projecting into the plain is the hill of Prion — the site of ancient Ephesus.

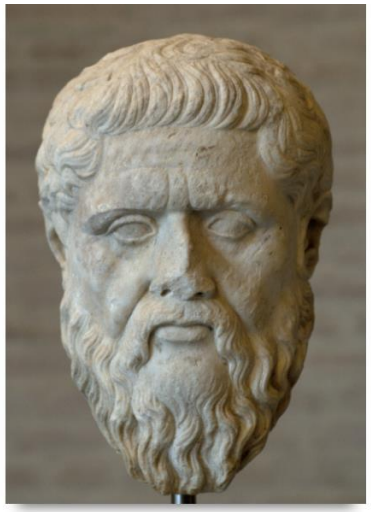
April 24.

HKU History 2136: The Graeco-Roman World: From Homer to Augustus

http://openarchaeology.org/

tool: timeline.js





Wikimedia Commons

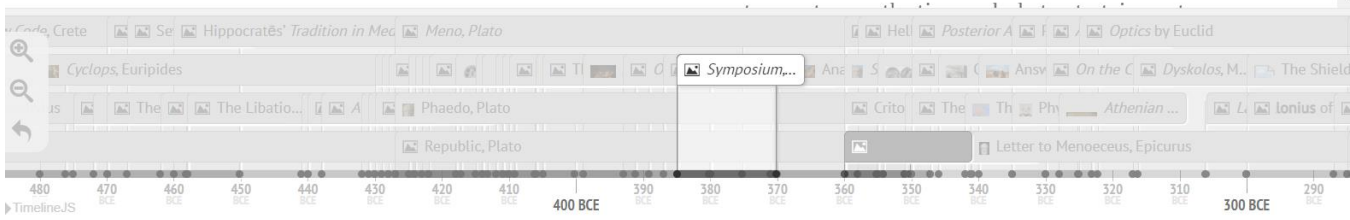
Head of Platon, Roman copy. The original was exhibited at the Academy after the death of the philosopher (348/347 BC).

385 BCE – 370 BCE

SYMPOSIUM, PLATO

Plato's Symposium is the account of a gathering in the house of the Athenian tragic poet Agathon to celebrate his first victory in 416 BC in one of the great dramatic festivals of the city. It looks back to a remarkable period in Athenian history, shortly before the city undertook a major military expedition to Sicily which was to end in disaster.

The story is narrated by one Apollodorus, a follower of Socrates, to a group of acquaintances. The conversation between Apollodorus and the anonymous acquaintances is imagined to have taken place is left somewhat hazy. The final part of the text is illuminated by the brilliant figure of Alcibiades, who dominated Athenian political life in the closing years of the Peloponnesian War. The symposium in private houses is one of the most familiar features of the male social culture of archaic and classical Greece. The



☞ Infrastructure

Photo by Yadian Wang

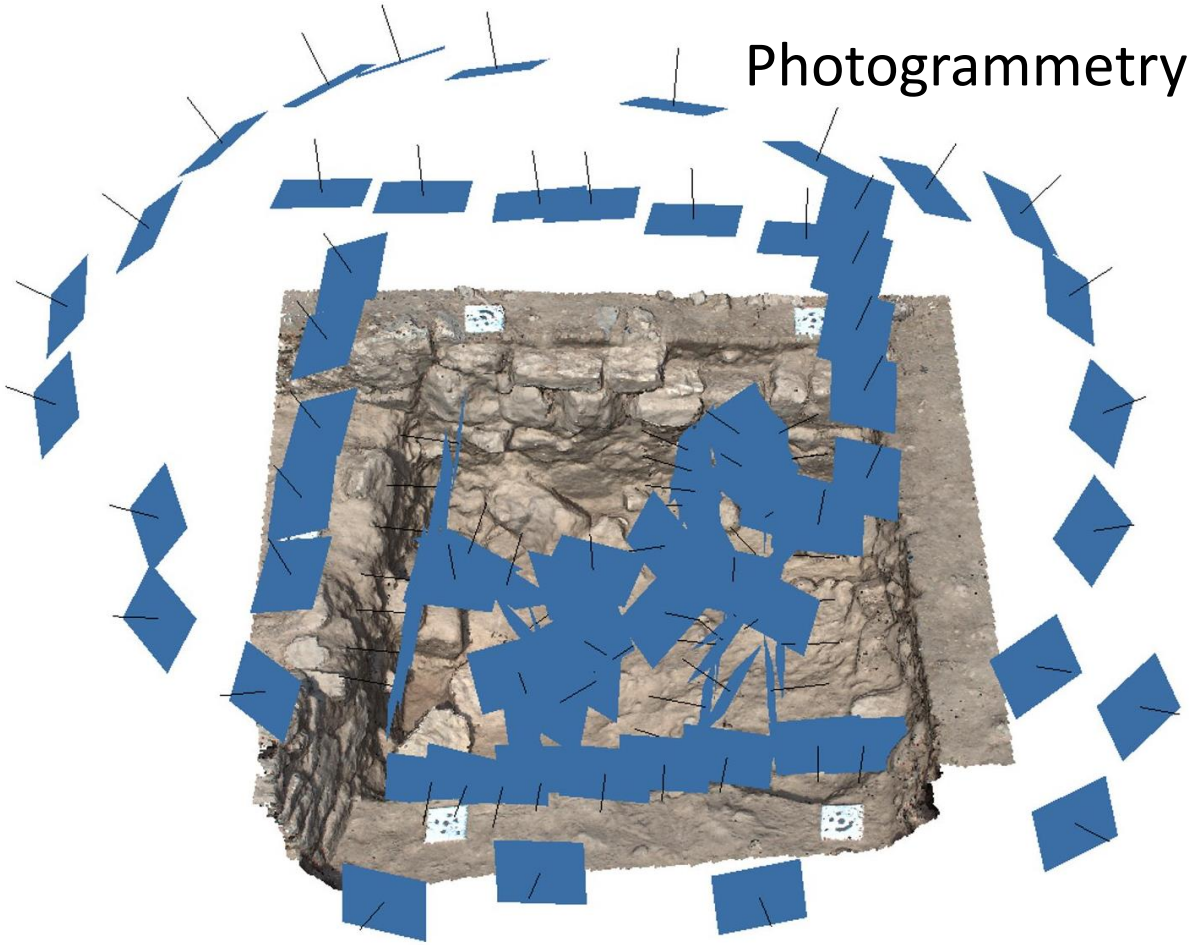
Digitization

- Databases
- Imagery
- 3D models
- Spatial data

Sharing

- Websites
- Extended Reality (XR)

Photo by Ivi Fung



Centimeter-Level Recording for All: Field Experimentation with New, Affordable Geolocation Technology

Advances in Archaeological Practice (2019) **doi 10.1017/aap.2019.21**

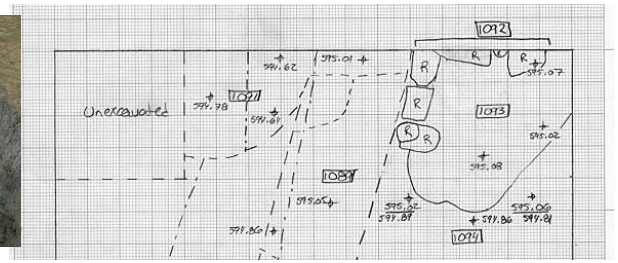
differential Global Navigation Satellite Systems (dGNSS)

☞ Open Science

Photo by Ivi Fung

☞ Open Science

Data



Kenan Tepe Excavation Database

doi 10.6078/M7H41PBJ

OPEN CONTEXT About Explore Data Record Contact Donate Search whole site

Context: Turkey / Kenan Tepe / Area C / Trench 1 / **Locus 1002 (Locus)**

Descriptions (25)

Descriptive Variable	Value(s)
Designator	Fill
General remarks	There seemed to be a sort of new surface between 1001 and 1002 because of a few smashed small sherds. Also it seemed that 1001 had a dirt fill on the bottom. This surface is crunchy and a lot like 1001.
Strat below	1001
Strat above	1004
Strat abuts	1003
Top depth center	596.33
Top depth north-west	595.98
Top depth north-east	596.26

Suggested Citation

Elvan Cobb, Peter Cobb. "Locus 1002 from Turkey / Kenan Tepe / Area C / Trench 1". (2012) In *Kenan Tepe*. Bradley Parker, Peter Cobb (Eds.) . Released: 2012-03-28. Open Context. <http://opencontext.org/subjects/F758EDC8-095A-4ADF-7314-844F271788BE> ARK (Archive): https://n2t.net/ark:/28722/k2mk6b99v

Editorial Status

Editorial board reviewed

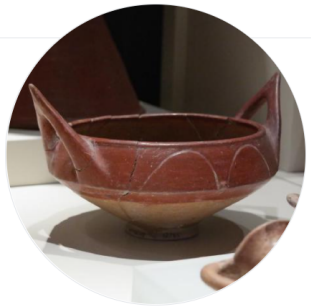
Part of Project

Kenan Tepe

Mapping Data

Methods

Why GitHub? Team Enterprise Explore Marketplace Pricing Search Sign in Sign up



Peter J. Cobb

anatolian

Overview Repositories 8 Projects Packages

Popular repositories

field-photographs

Android apps for archaeology that enable photography during field work, with resulting photographs named and located on the filesystem based on information from a relational database.

Java ☆ 3

archaeological-survey-location-collector

An app for use in archaeological field survey to collect high-accurate point locations, photographs, and other data, using affordable differential GNSS equipment.

Java ☆ 3 1

archaeology-object-data-collector-app

Android App for remotely controlling camera, weight scale and connecting to database for recording data on archaeology objects

Java ☆ 2 2

photogrammetry-object-scannner

putting this in a separate repo, since it's a million files and many of them go on the android rather than the pi

Python ☆ 1

github.com/anatolian

Results

Centimeter-Level Recording for All: Field Experimentation with New, Affordable Geolocation Technology

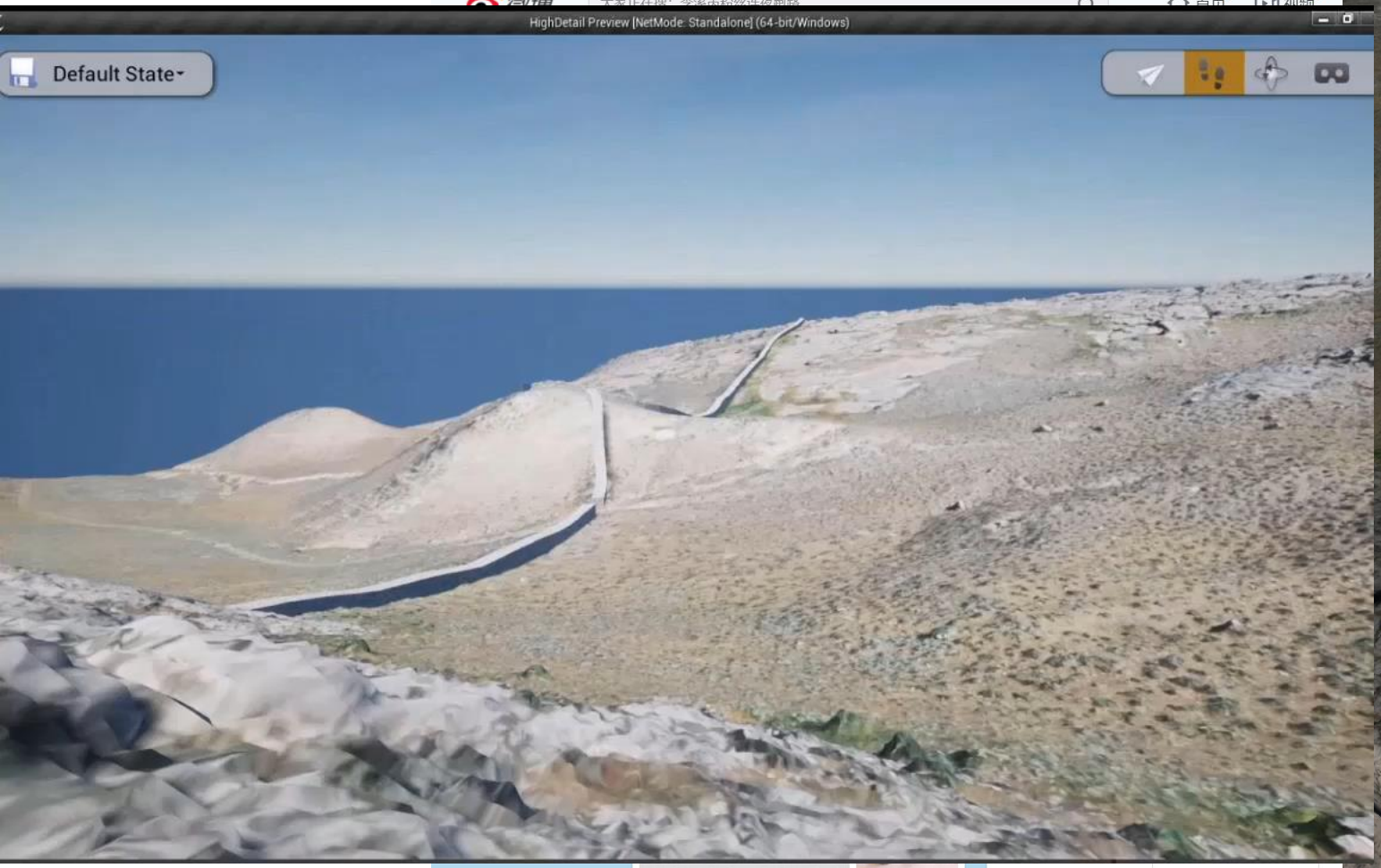
Peter J. Cobb, Tiffany Earley-Spadoni, Philip Dames

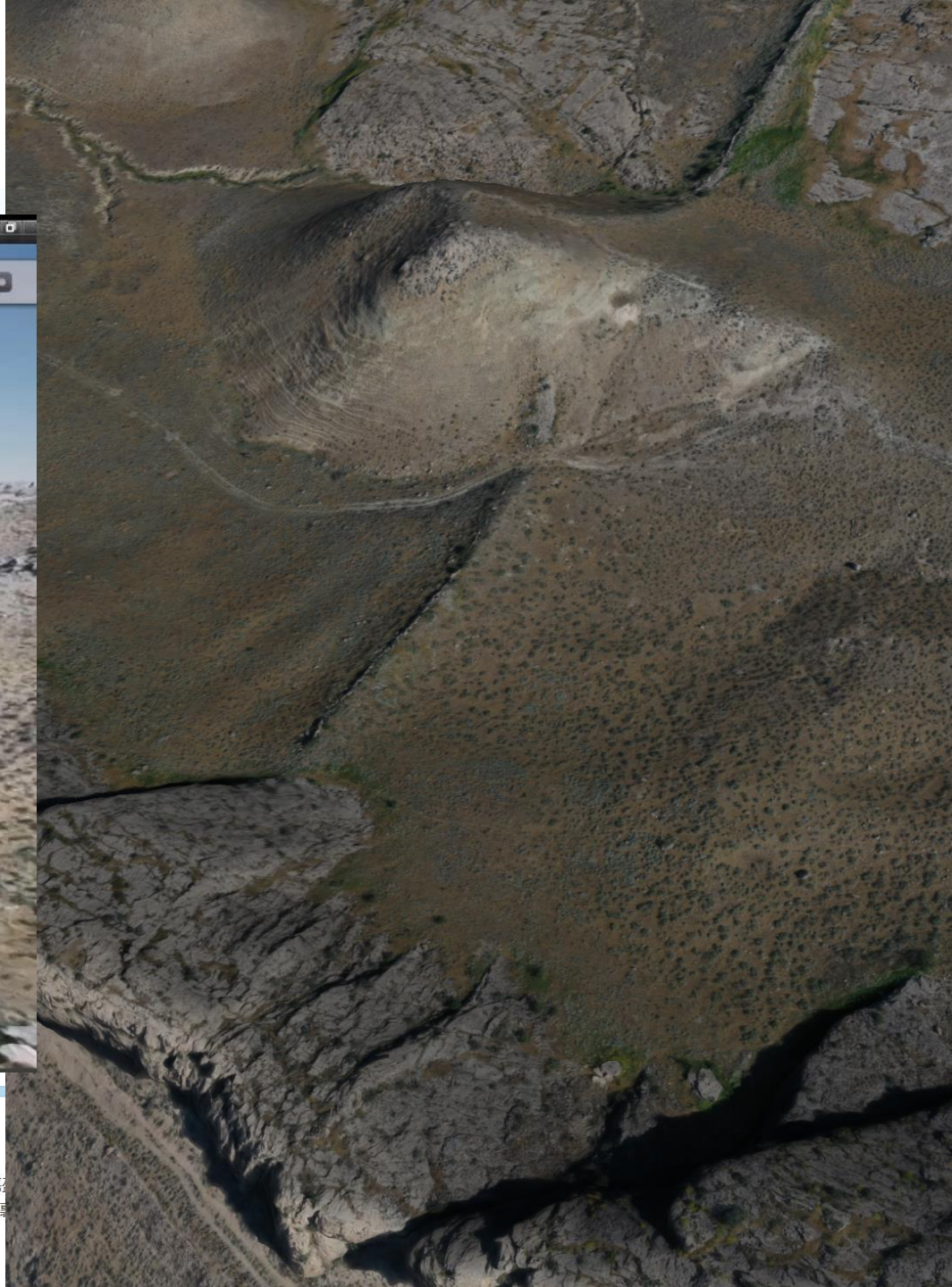
Published online by Cambridge University Press: 13 August 2019, pp. 353-365

Article Access Open access PDF HTML Export citation

View abstract

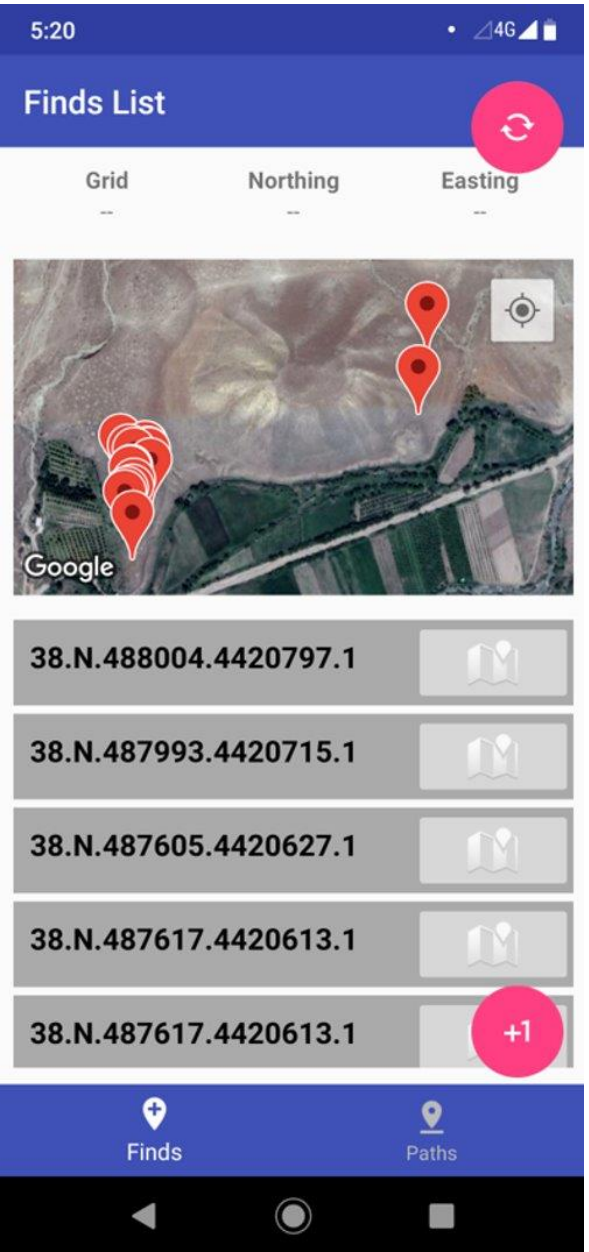
☞ Public Engagement

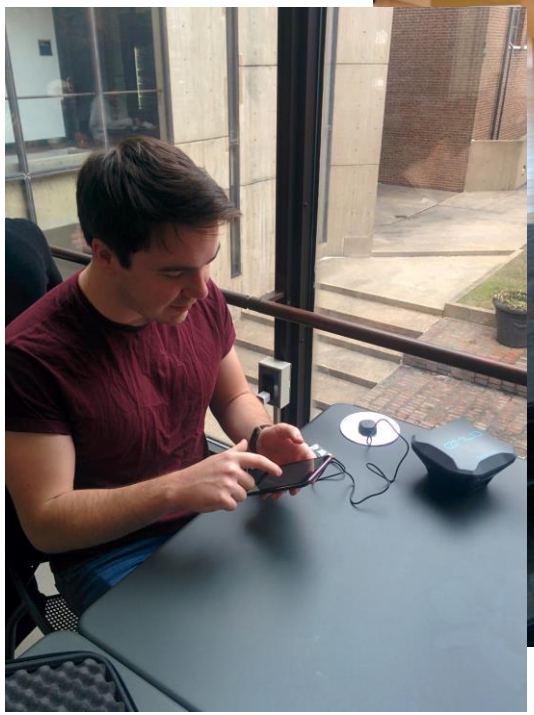




Virtual Reality

☞ Interdisciplinary

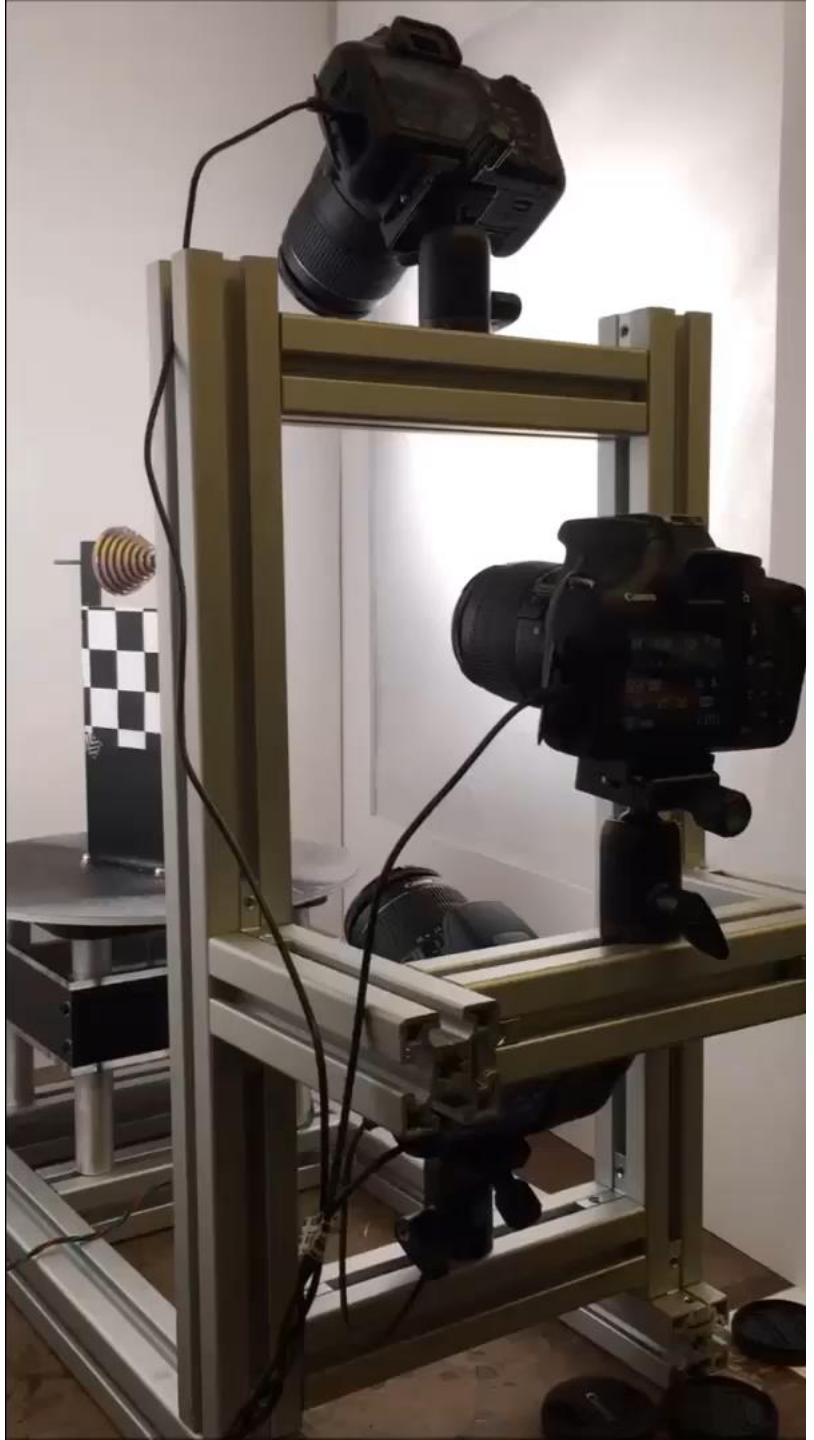




Collaborative Approaches to Archaeology Programming and the Increase of Digital Literacy Among Archaeology Students

Open Archaeology (2019) doi 10.1515/opar-2019-0010

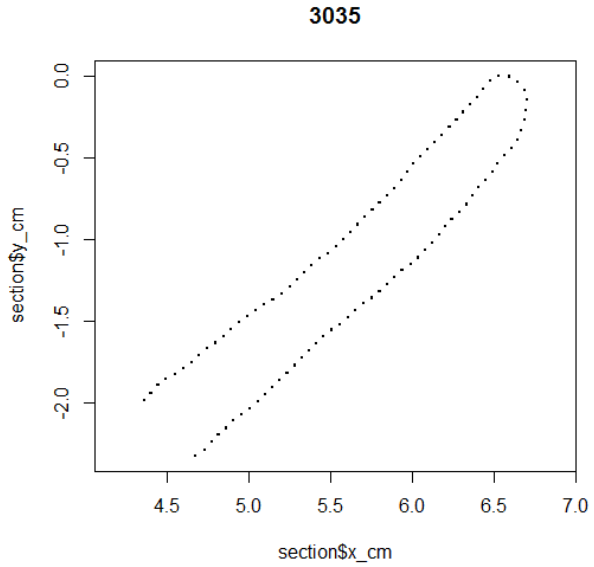
☞ Interdisciplinary

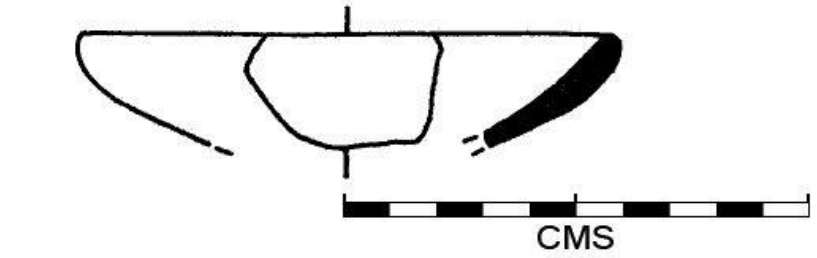


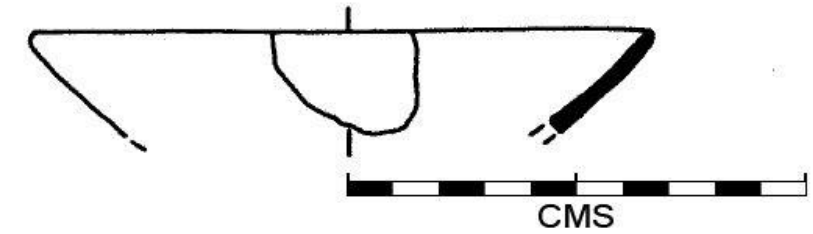
Project team:
Julia Holgado
Joseph Leonor
Jessica Teipel
Zoe Yu
Zhuofan Zhang

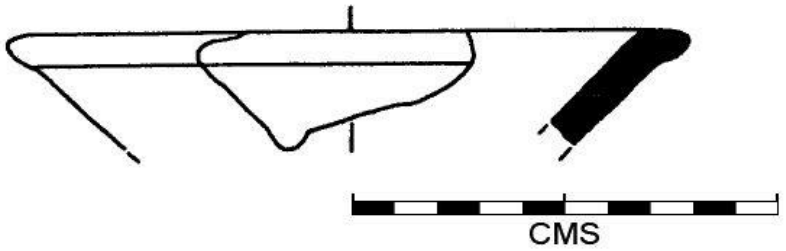
THAYER SCHOOL OF ENGINEERING AT DARTMOUTH

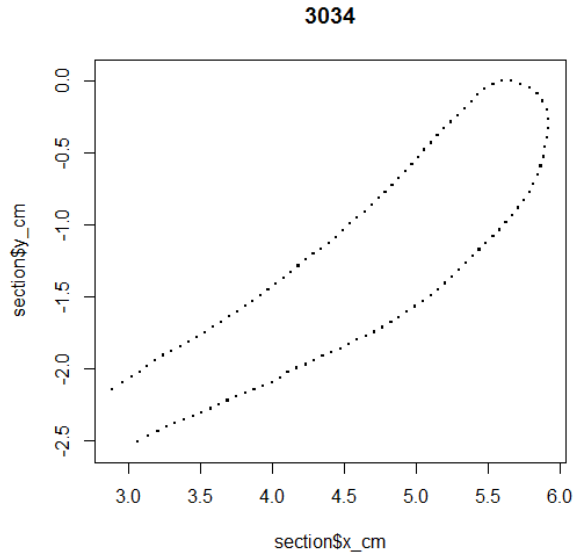
☞ Interdisciplinary Research

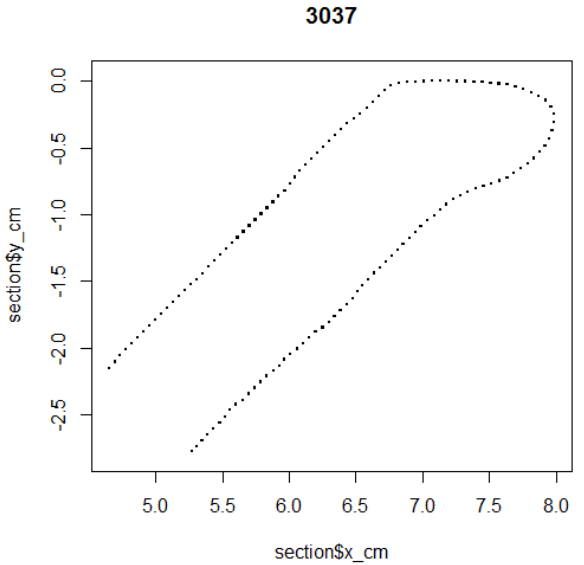








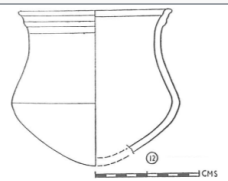




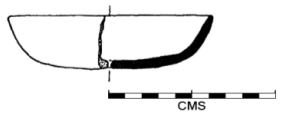
ceramics from Kocabaş Tepe (Aykurt 2004)

☞ Interdisciplinary Research

sample

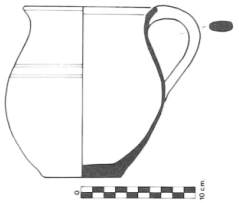


Exterior color: Pink
diameter: 14
site_name: Beycesultan

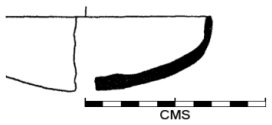


Exterior color: Yellowish browr
diameter: 12.23
site_name: Kocabaş Tepe

most similar

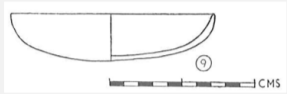


Exterior color: Reddish yellow
diameter: 12.7
Difference: 1.0262

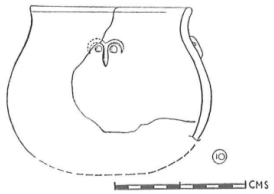


Exterior color: Red
diameter: 13.65
Difference: 0.7433

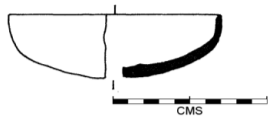
Exterior color: Grayish brown
diameter: 9.26
Difference: 1.0372



Exterior color: Red
diameter: 14.3
Difference: 0.8482



Exterior color: Brown
diameter: 11.95
Difference: 1.0498



Exterior color: Red
diameter: 13.82
Difference: 0.8892

Exterior color: Reddish yellow
diameter: 9.23
Difference: 1.1381

Exterior color: Red
diameter: 11.15
Difference: 0.9093

☞ Transdisciplinary

- pushing beyond individual disciplines to solve problems that neither can address alone

- identifying problems that can generate original research in both archaeology and computer science

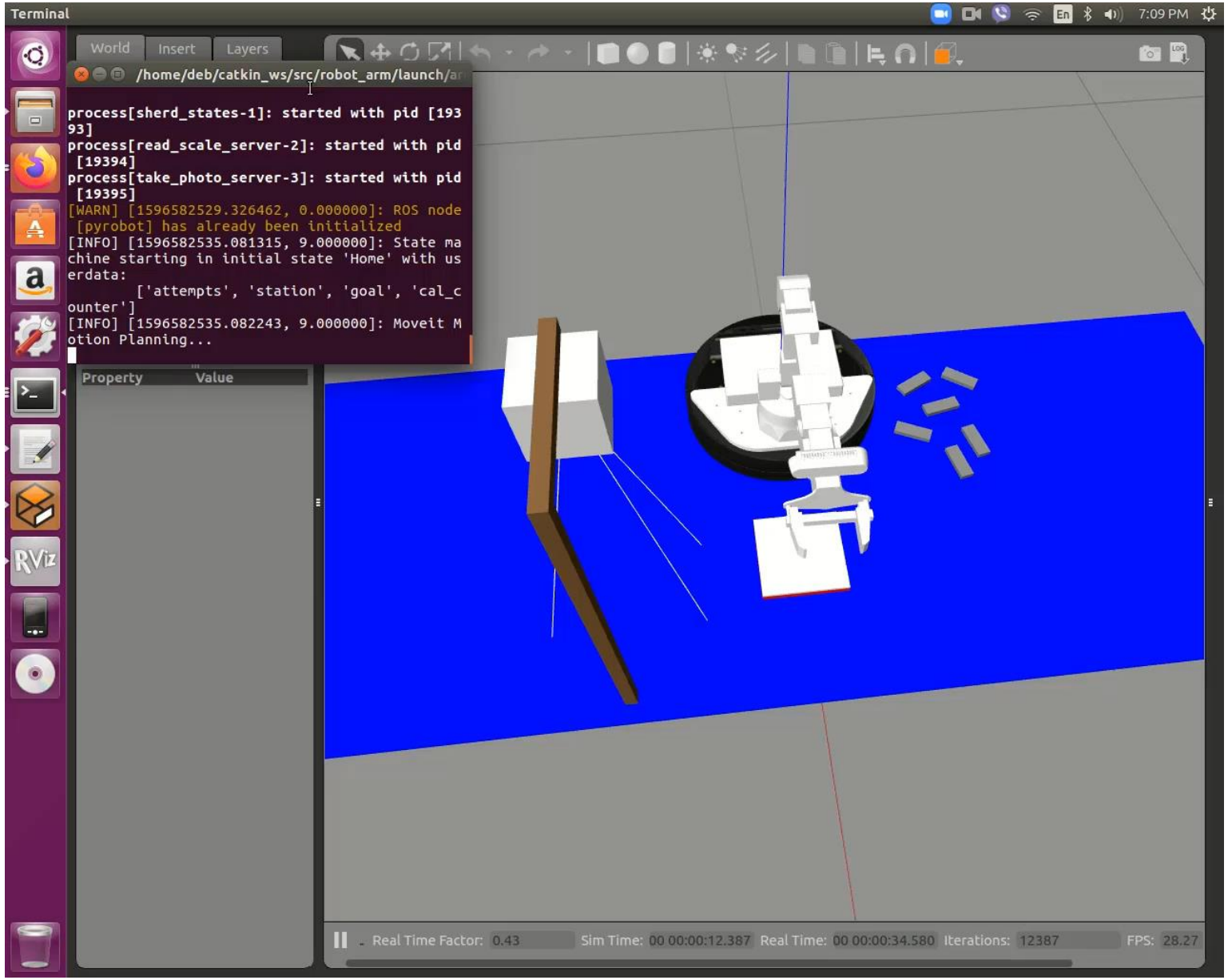
Challenges:

- communication: different vocabularies and working cultures

- finding research topics in both fields

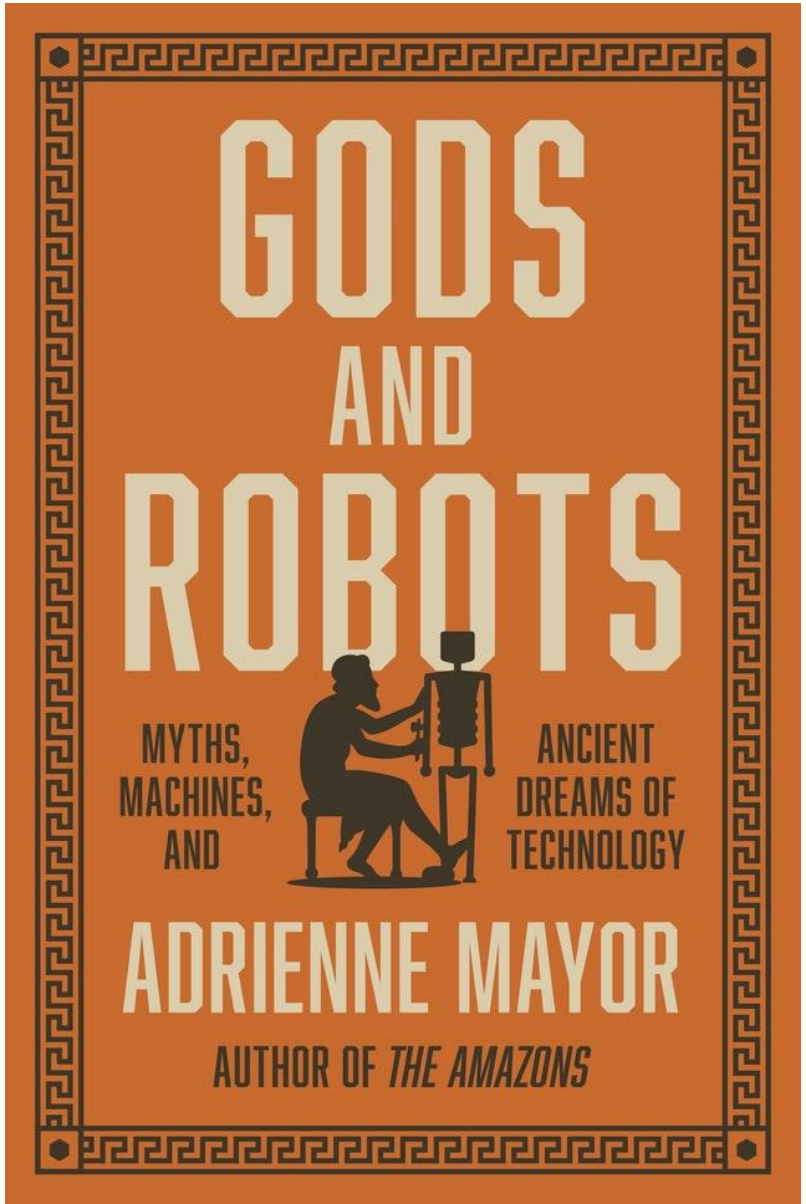
☞ Transdisciplinary

Robot arm to weigh, photograph, and (eventually) 3d scan ceramic sherds



Project team:
Deborah Wang
Brandon Lutz
Dr. Philip Dames
Temple University (Philadelphia, USA)

☞ Humanities critiques of technology



I hope that we all embrace DH so completely that DH no longer exists.