



ARCHAEOLOGY UNIT: WORKSHOP POSTERS



EXCAVATED CERAMICS OF SINGAPORE: PRE-COLONIAL TO COLONIAL ARTEFACTS Mr Aaron Kao Jiun Feng



THE ARCHAEOLOGY OF SINGAPORE: ANCIENT TEMASEK AND THE COLONIAL PERIOD Mr Michael Ng



VOLUNTEERISM IN SINGAPORE ARCHAEOLOGY Ms Young Wei Ping

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WORKSHOP ON THE HERITAGE OF ANCIENT AND URBAN SITES: GIVING VOICE TO LOCAL PRIORITIES 14-15 MARCH 2016 SINGAPORE

ABSTACT

Three posters were designed by the Archaeology Unit for the Heritage Workshop. They were displayed in the ISEAS Foyer, with an explanation given to the Workshop participants during the Coffee Break of the first day. This was followed by a lunch-time tour of the Archaeology Unit.

BIODATA

Mr Aaron Kao majored in painting at Lasalle SIA College of The Arts and where he received his diploma as the top graduate from the school of Fine Arts (1999). He received his Bachelor of Arts degree with Distinction from Royal Melbourne Institute of Technology (2003). Aaron is interested in military history and first integrated historical research efforts with archaeology at the Fort Serapong excavations, Singapore (2006). His field of enquiry has grown to encompass the pre-colonial history of Singapore and Southeast Asia; participating in excavations in Singapore and Cambodia from 2013–2015. Apart from fieldwork, Aaron applies his Fine Arts training as illustrator for the Archaeology Unit. Aaron also conducts illustration, image capture, and image analysis training for international students.

Mr Ng graduated with a BA (Hons) in Linguistics and Multilingual Studies minor in History from Nanyang Technological University. He has been involved in several archaeological excavations in Singapore, Indonesia, Cambodia and Jordan. Currently, he is working on processing the artefacts that were excavated from the National Art Gallery, Singapore excavation and as well as other artefacts excavated from other sites. Michael's research interests revolve around Southeast Asian archaeology and history; in particular, World War II/military history, maritime trade within Asia, maritime archaeology, Khmer, Majapahit and Srivijayan architecture and art, ceramics and geographic information system application in archaeology.

Young Wei Ping is currently a research assistant with the Archaeology Unit, NSC, ISEAS – Yusof Ishak Institute. She has been aiding in post-excavation processes which include washing and sorting of previously excavated artefacts, and also aiding in research. Her other archaeological experiences during the course of her gap year include her first volunteer experience at the Empress Place Rescue Excavation project in Singapore as a field assistant in 2015, and in the NSC Archaeological Field School 2015 as a participant. She seeks to understand and learn more of the field of archaeology before pursuing her undergraduate studies.

CONFERENCE POSTERS



WHY CERAMICS? Ceramic pottery, which have oottery, which have been vital utensils for life for thousands of years, were found in abundance throughout the gical sites of Singapore. They tend to be better preserved than other types of fragile artefacts as they are more

WHAT CAN THEY TELL US?

The study of ceramics artefacts is crucial as they were an integral part of the local culture and economy. They hold clues to:

1) Understanding technological traditions and determining production and industrial capabilities.
2) Examining stylistic choices to explore the nature of the relationships with that of neighbouring areas.
3) Identifying ceramic production origins through a study of their composition and raw materials.
4) Understanding site-specific activities through the study of the patterns, artefact deposition and formation processes.
5) Estimating past economic trade volumes and population size potential by measuring its quantity.



EARTHENWARE





PORCELAIN



EUROPEAN CERAMICS
The arrival of the British in Singapore heralded a new dimension to its archaeological remains.

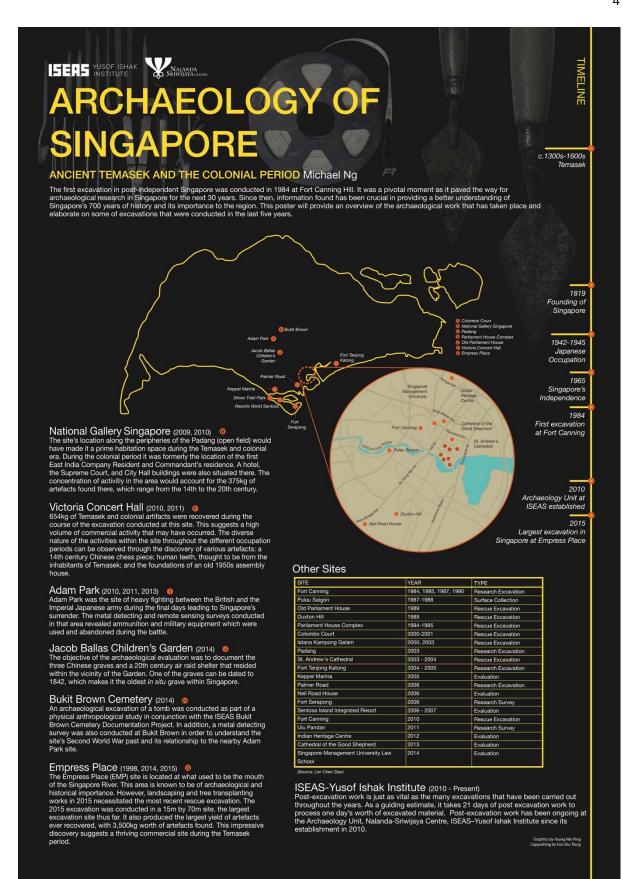
WHAT ARE WE DOING WITH THEM?
The Archaeology Unit, Nalanda-Sriwijaya Centre, ISEAS-Yusof Ishak Institute is working hard to complete the post-excavation processing of four and a half tonnes of artefacts from three major ancient sites.

- ethree sites are: National Gallery Singapore (2009/2010) 375 kg Victoria Concert Hall (2010) 654 kg Empress Place (2015) 3,500 kg

- Challenges faced by archaeologists:
 Prior to 2015, the bulk of resources were allocated to rescue excavations which took priority over post-excavation work.
 Backlog of large quantities of un-processed artefacts.
 Reliance on volunteer force can create an erratic and inconsistent workflow.

In 2014, a pilot project was launched to create a database starting with artefacts found in the National Gallery Singapore site. All 375 kg of artefacts were cleaned, sorted and issued a Unique Identification Number (UIN).

- re is a summary of the project:
 To date, 23,152 artifacts have been labeled with their UIN.
 A database programme was explicitly customized for post-processing and data entry work is currently in progress.
 A web catalogue showing highlights of the finds was initiated and will become a component of the ISEAS-Yusof Ishak Institute library Archaeology Unit staff are actively carrying out research on the excavated artefacts.





Throughout the past 30 years of archaeological efforts in Singapore, volunteer labour has been a constant driving force. From Fort Canning to Empress Place, volunteers have continued to provide Singapore archaeologists with the much-needed personnel to sustain past excavations.

ROLE OF THE VOLUNTEER

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Volunteers have helped in multiple excavations conducted in Singapore, including Fort
Canning, Fort Serapong, Victoria Concert Hall, National Gallery Singapore, Adam Park,
Bukit Brown, Empress Place, and more. When onsite, volunteers may assist in
processes such as sieving, bucketing, and ensuring that the arrefacts are carefully
collected. Volunteers may also help the Archaeological Unit with excavation work.

The need for volunteers is not restricted to excavation; it also extends to post-excavation work. For every day of excavation, it takes 21 days to process all of the excavated material. The efforts that volunteers have put into the work greatly facilitate archaeologists in such a way that vital documentation can be completed alongside other essential tasks.

Such tasks include washing of artefacts, sorting of artefacts, and labeling. As the volunteers may come from a wide range of ages and backgrounds, some volunteers may have specialised skills that can be utilised further, such as drawing and

Experienced volunteers who have previously helped in multiple excavations or for extended periods may be more familiar with the excavated material and the procedure involved. Such volunteers may thus be assigned more managerial roles, such as overseeing and guiding newer volunteers.







MANAGING VOLUNTEERS



Level of interest

One of the challenges faced when managing volunteers is sustaining the interest and enthusiasm of different volunteers throughout their participation in archaeological activities. This is especially true during repetitive processes such as sieving, washing, sorting, and data entry. They are often treated with less enthusiasm, but are nevertheless equally important.



Differences

DITTEPENCES
Another major concern in managing volunteers is taking into account the various backgrounds of the volunteers. They have different strengths and weaknesses, as well as varying levels of maturity. Volunteers must be appropriately engaged to ensure they are getting the job done in an efficient manner, and in such a way that their morale is maintained. To do so archaeologists must render archaeological knowledge accessible and engaging, whether the volunteers be adults or children.



Commitments

Another issue is that volunteers are often unable to commit large amounts of time. The availability of volunteers is never certain; the frequency and duration volunteers can provide assistance for are often irregular due to other priorities and commitments such as their studies or work. The number of volunteers available may fluctuate from none to large numbers that are often difficult to supervise. Thus volunteers need to be coordinated and allocated appropriate supervision.

IMPACT OF VOLUNTEERISM

Amongst all of the processes, volunteers typically have a preference for excavation work. Often from the perspective of the volunteer, digging and discovering artefacts provides a unique sense of satisfaction from having contributed to the preservation of Singapore's past and the discovery of a more tangible Singaporean identity.

Volunteerism has a role in popularising archaeology. As a volunteer myself, I was only acquainted with archaeology in Singapore through volunteering. When volunteers learn more about archaeology and its importance in Singapore, they can become supporters and advocates for historical conservation and preservation.



