Collaborating Across Borders: ANZAC Gallipoli Archaeological Database (AGAD)

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SEARCH MENU

Anzac Gallipoli Archaeology Database

ABOUT THE PROJECT | SEARCH DATABASE | BROWSE DATABASE | USING THE DATABASE

WELCOME TO THE ANZAC GALLIPOLI ARCHAEOLOGY DATABASE

This database has been developed from the Joint Historical-Archaeological Survey (JHAS) project and allows you to browse or search over 2000 archaeological records from the Gallipoli Penninsula. Click an example below, or choose Search or Browse.

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Glass Fragments

Glass sherds x 95 from a single bottle. Dark green, clear glass with no opalisation and very clean breaks. The fragments vary in thickness. The bottle neck and rim shards are more intact than the body and base sherds. The neck was bulged or bulbous and the body was a cylinder style. A liquor or alcohol bottle typical of UK styles.

Belt Buckle

Belt buckle. Bronze. Black oxidation. Some blue staining or colouring on one area. Has moulded writing: "PRIMA" (Latin alphabet). Repeating guilloche pattern evident on the central arm. Metal support inset 1.5cm into rectangular structure.

ANZAC Gallipoli Archaeological Database

- A key resource for academics, amateur historians, and the general public
- No other online database of WW1 material culture currently exists
- An extensive catalogue of all artefacts and features recovered during the 2010 – 2014 surveys
- Forms a well-documented archive of artefacts and features from accurately recorded archaeological contexts
- Includes descriptions, dimensions, photographs and maps
- Ties into the JHAS research outputs (book and exhibition)

Joint Historical-Archaeological Survey (JHAS) Surveys of the Gallipoli battlefield:

- Using archaeological techniques to document the remains of the best preserved World War 1 battlefield.
- Aims to identify and record sites and features of significance to Australian, New Zealand, and Turkish forces during the 1915 campaign.
- Integration of archaeological techniques, methods and analysis with historical data.
- To record and conserve material culture associated with the 1915 campaign that is visible on the ground surface.
- A cultural heritage assessment of the battlefield a century after the conflict.

The ANZAC Gallipoli Archaeological Database (AGAD) is a digital catalogue of all features, finds and sites documented by the JHAS Gallipoli survey project from 2010 – 2014.

Collaboration

JHAS Project:

Tri-national collaboration

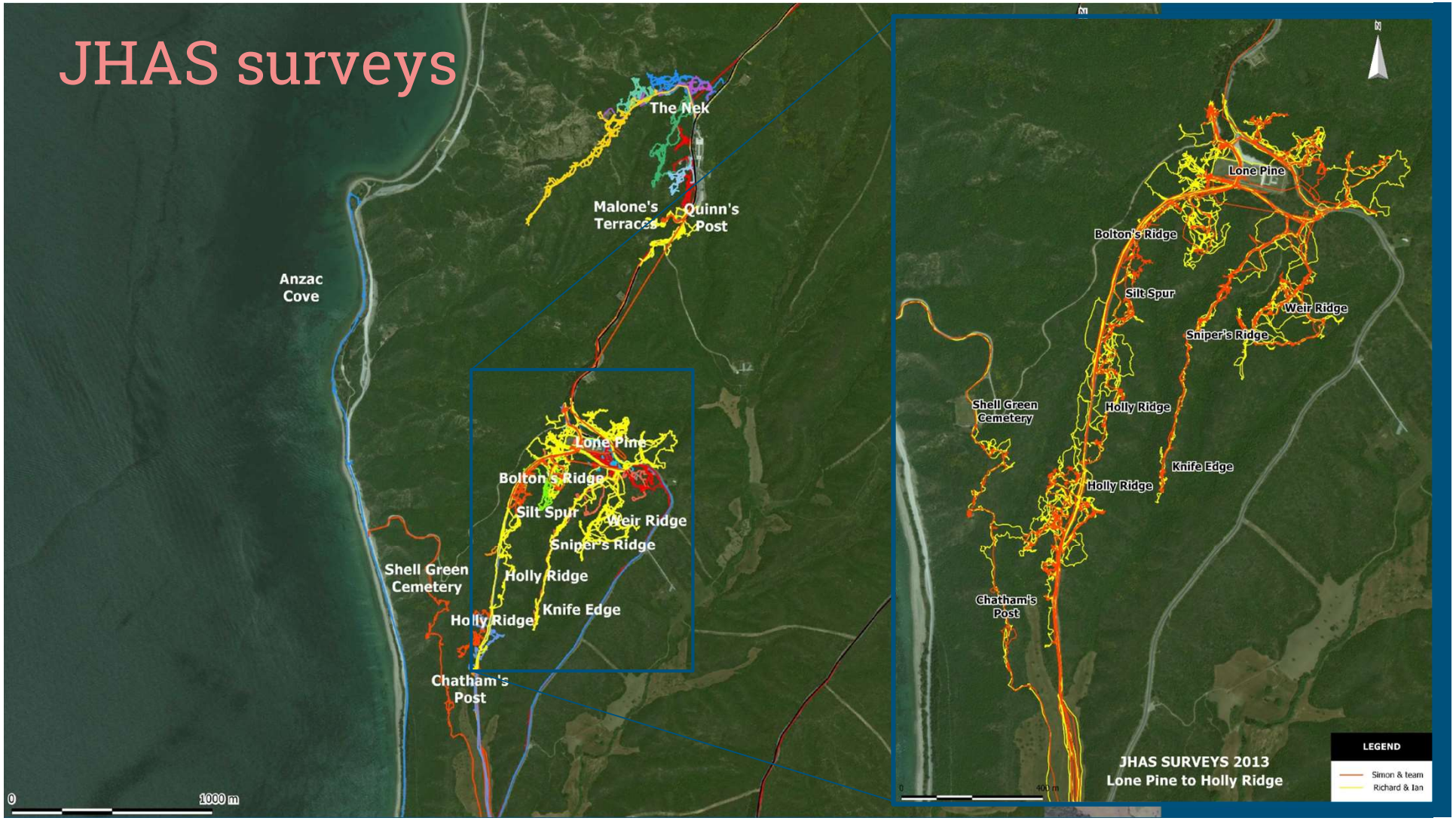
- Australia
- Turkey
- New Zealand

Inter-disciplinary:

- Archaeologists
- Historians
- Geophysicists
- Heritage Managers
- Resource management agencies
- Government agencies
- Universities

JHAS

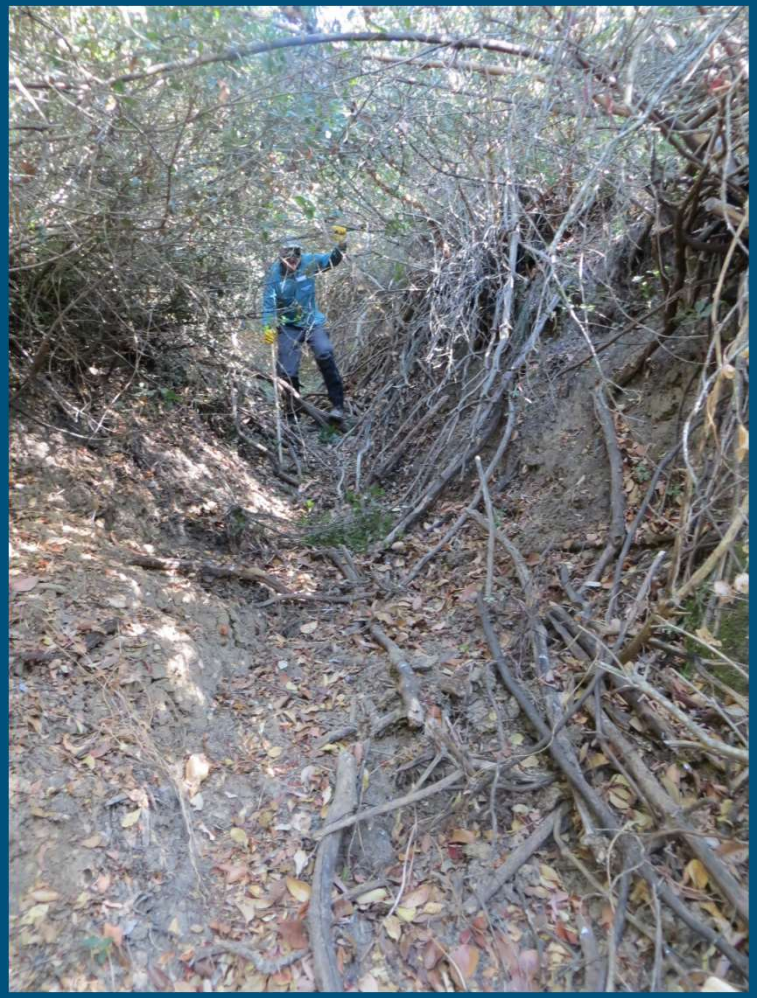
JHAS surveys



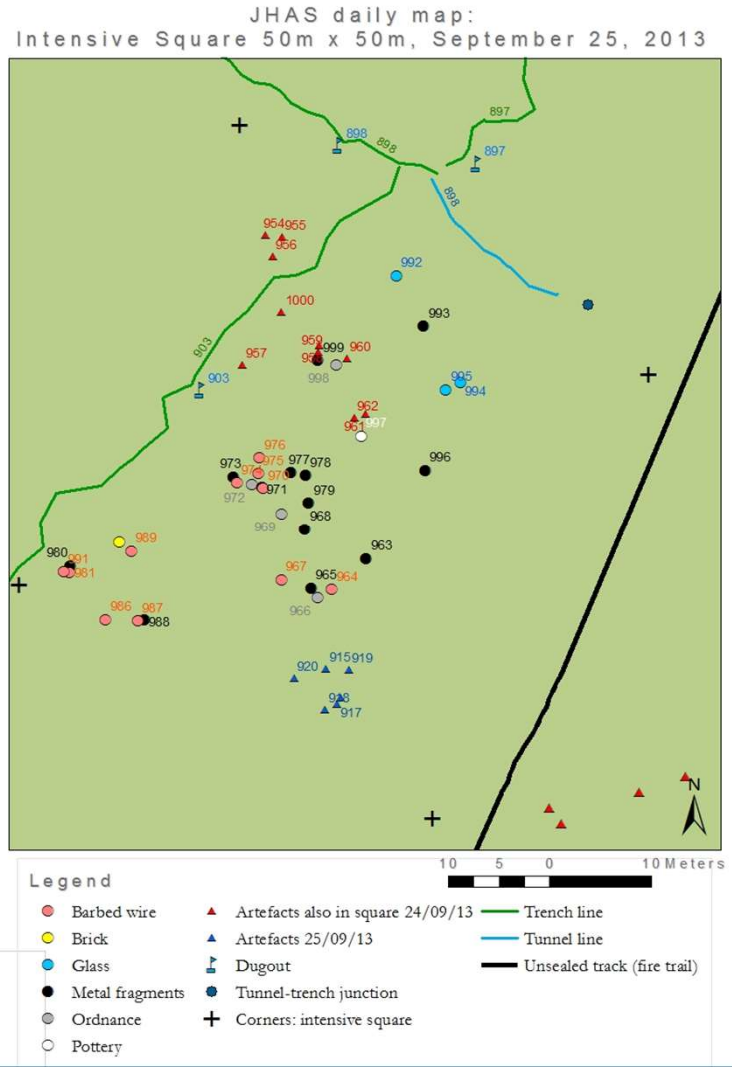
Features

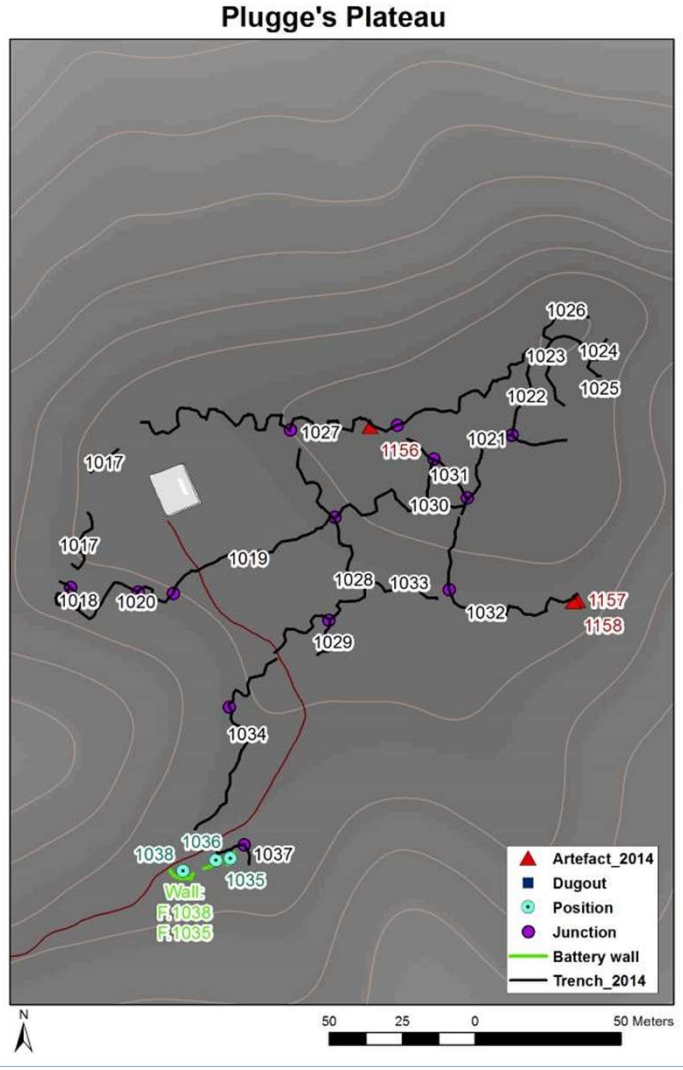
- Earthworks:
  - trenches
  - tunnels
  - terraces
  - dugouts, pits, & alcoves
  - strategic positions
- Artefacts:
  - ordnance
  - ceramics
  - metal items, tools and containers
  - glass containers and periscope glass
  - bricks, barbed wire, personal & utility items
- Other:
  - e.g. water tanks, a boat, pre- and post-1915 structures
- Post-1915 cemeteries and monuments

Trench
F748



Trench
F769


JHAS daily map:
Intensive Square 50m x 50m, September 25, 2013
Legend
Barbed wire
Brick
Glass
Metal fragments
Ordnance
Pottery
Artefacts also in square 24/09/13
Artefacts 25/09/13
Dugout
Tunnel-trench junction
Corners: intensive square
Trench line
Tunnel line
Unsealed track (fire trail)
10 5 0 10 Meters
N


Plugge's Plateau
Artefact_2014
Dugout
Position
Junction
Battery wall
Trench_2014
Wall:
F.1038
F.1035
50 25 0 50 Meters
N

FID	864
Artefact No.	870
Feature Type	Artefact
Survey Date	23/09/2013
Location	No. 2 Outpost
Period	c.1915
Nationality	ANZAC
Significance	
Priority	
Easting	UTM 35 north WGS 1984
Northing	
Associated Feature	F864
Artefact type	Ordnance
Artefact Photo Nos.	

Image

870

Artefact material: ☐ Ceramic ☐ Glass ☒ Metal ☐ Textile ☐ Concrete ☐ Leather ☐ Stone ☐ Other

Length1	3.4	Diameter	
Width1	3.9		
Depth1			
Depth type			
Length2		Preservation	
Width2	3.4	Field Photo Nos.	79. 80, 81
Depth2			

Collected: ◉ Yes ○ No
Exhibition: ◉ Yes ○ No
Photo: ◉ Yes ○ No

Earthwork Attributes: ☐ U-shaped ☐ Shallow ☐ Narrow ☐ Eroded ☐ Well-defined ☐ V-shaped ☐ Deep ☐ Wide ☐ Indistinct ☐ Vegetation

Description

Shell component. Timed fuse. Distorted at base. Three splits in what would have been circular (w. 3.4 (narrowest). Eight recesses in screw thread at base. Conical top (diam. 1.2 (internal); diam. 3.2 (external)). Pale green oxidation. Located on eroded ground below Sapka Tepe. Additional measurements. l. 2.2 (thread area); l. 1.4 (non-thread area).

Site Access

Condition Comment

FID	767.6
Artefact No.	
Feature Type	Terrace
Survey Date	20/09/2013
Location	Malone's Terraces
Period	c.1915
Nationality	New Zealand
Significance	High (1)
Priority	High (1)
Easting	439672 UTM 35 north WGS 1984
Northing	4454425
Associated Feature	F767.1, F767.2, F767.3, F767.4,
Artefact type	
Artefact Photo Nos.	

Image

Artefact material: ☐ Ceramic ☐ Glass ☐ Metal ☐ Textile ☐ Concrete ☐ Leather ☐ Stone ☐ Other

Length1	1400	Diameter	
Width1	380		
Depth1	110		
Depth type			
Length2		Preservation	good
Width2		Field Photo Nos.	149, 150, 151, 152, 153, 154, 155, 156, 157
Depth2			

Collected: ○ Yes ○ No
Exhibition: ○ Yes ○ No
Photo: ◉ Yes ○ No

Earthwork Attributes: ☐ U-shaped ☐ Shallow ☐ Narrow ☐ Eroded ☐ Well-defined ☐ V-shaped ☐ Deep ☐ Wide ☐ Indistinct ☒ Vegetation

Description

Malone's Terrace 6. Located immediately downhill (west) from Terrace 5. This was a long, thin, rectangular, flattened and gently sloping area cut into the hill slope on the western side of the ridge behind Quinn's Post. The feature is very overgrown with thick vegetation of rhododendron and holly with leaf litter covering the ground surface. There is some modern plastic rubbish here. All terraces are located behind Quinn's Post (F767.1, F767.2, F767.3, F767.4, F767.5, F767.6).
Field photos: looking north 149 – 154; looking towards Dead Man's Ridge from the north end of Malone's Terrace 6.
Photographs 149-154 taken looking north.
Photographs 155-157 looking at Dead Man's Ridge from north end of Malone's Terrace 6.

Site Access

Difficult access down sleep, heavily vegetated slope behind (i.e. west side) of Quinn's Post Cemetery.

Condition Comment

Preservation: good. This area is located on the side of a steep slope covered in thick, high vegetation and scrub. There is some modern plastic and metal rubbish (bottles, wrappers, lids).

Lexicon

Feature Type	Location	Artefact Type	Artefact Material	Period
Alcove	57th Regiment	Barbed wire	Ceramic	Post- 1915
Artefact	Baby 700	Brick	Concrete	c. 1915
Artefact Scatter	Battlefield general	Ceramic sherd	Glass	Pre-1915
Boat	Boundary	Glass shard	Leather	Modern
Boundary Marker	Coastal area	Glass periscope	Metal	Early Modern
Carpark	Courtney's Post	Lithic	Stone	Medieval
Cemetery	Embarkation Pier	Metal container	Textile	Early Medieval
Dugout	German Officer's	Metal fragment	Other	Late Antique
Monument	Holly Ridge	Ordnance		Antique
Pathway	Johnston's Jolly	Personal Item		Classical
Pit	Lone Pine	Shrapnel		Iron Age
Road	Malone's Terraces	Tile		Late Bronze Age
Strategic Position	The Nek	Utility item		Middle Bronze Age
Structure built	Pope's Hill	Other		Early Bronze Age
Terrace	Quinn's Post	Unknown		Chalcolithic
Trench	Seaview Terrace			Neolithic
Tunnel	Silt Spur			Palaeolithic
Water tank	Turkish Quinn's			
Well	Walker's Ridge			
Other	Weir Ridge			
	more…			

Feature ID	784	Artefact No.	753
Feature Type	Artefact		
Artefact type	Personal item	Collected	◉ Yes ○ No
Survey Date	16/09/2013	Exhibition	◉ Yes ○ No
Location	Snipers' Ridge	Photo	◉ Yes ○ No
Period	c.1915	Length1	29
Nationality	Turkish	Width1	19
Significance		Diameter	
Preservation		Depth1	
Associated Feature			
Artefact material	☐ Ceramic ☐ Glass ☒ Metal ☐ Textile ☐ Concrete ☐ Leather ☐ Stone ☐ Other		

Description

Belt buckle. Bronze. Black oxidation. Some blue staining or colouring on one area. Has moulded writing: "PRTM" (Latin alphabet). Repeating guilloche pattern evident on the central arm. Metal support inset 1.5cm into rectangular structure. Possibly British manufacture. Surface find on eroded surface below bushes and at top of ridge together with bullet cartridge cases A754 and A755. All collected. Measurements - Length 2: length of prongs.

753.1

Feature ID	750	Artefact No.	700
Feature Type	Artefact		
Artefact type	Ordnance	Collected	◉ Yes ○ No
Survey Date	14/09/2013	Exhibition	◉ Yes ○ No
Location	Lone Pine	Photo	◉ Yes ○ No
Period	c.1915		
Nationality	Turkish	Length1	
Significance	Moderate (2)	Width1	
Preservation		Diameter	3.7
Associated Feature	F750, A698, A699, A701, A702	Depth1	0.9
Artefact material	☐ Ceramic ☐ Glass ☒ Metal ☐ Textile ☐ Concrete ☐ Leather ☐ Stone ☐ Other		

Description

Circular metal object. Screw thread visible around exterior. Raised nub on top of disk indicates that there was once a handle or attachment that has now corroded away. Linear groove apparent across base of disk. Ferrous oxidation. Central component of disk more corroded than other parts. Measurements - Length 1: diameter; Depth 2: depth not including rivet.

700

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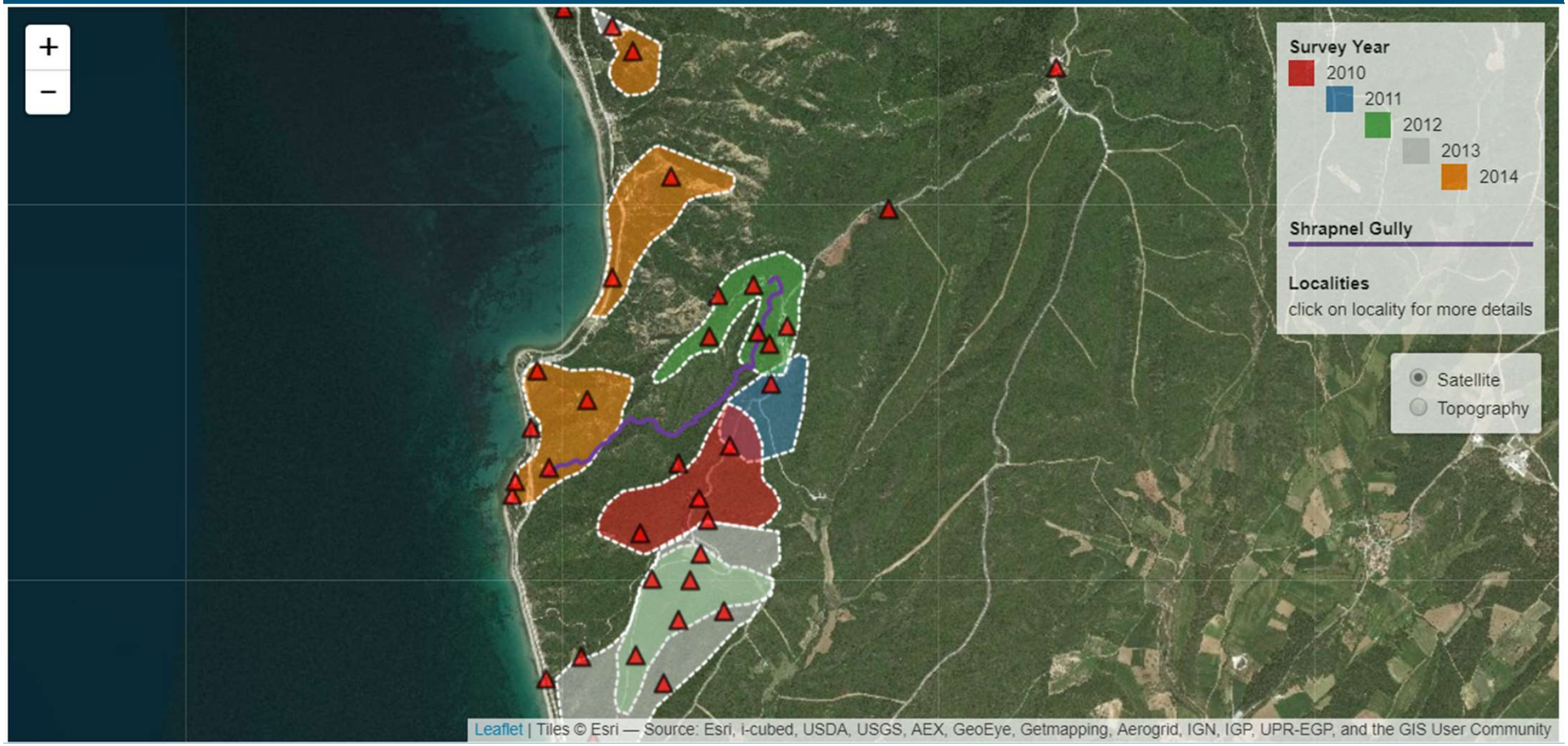
Survey locations



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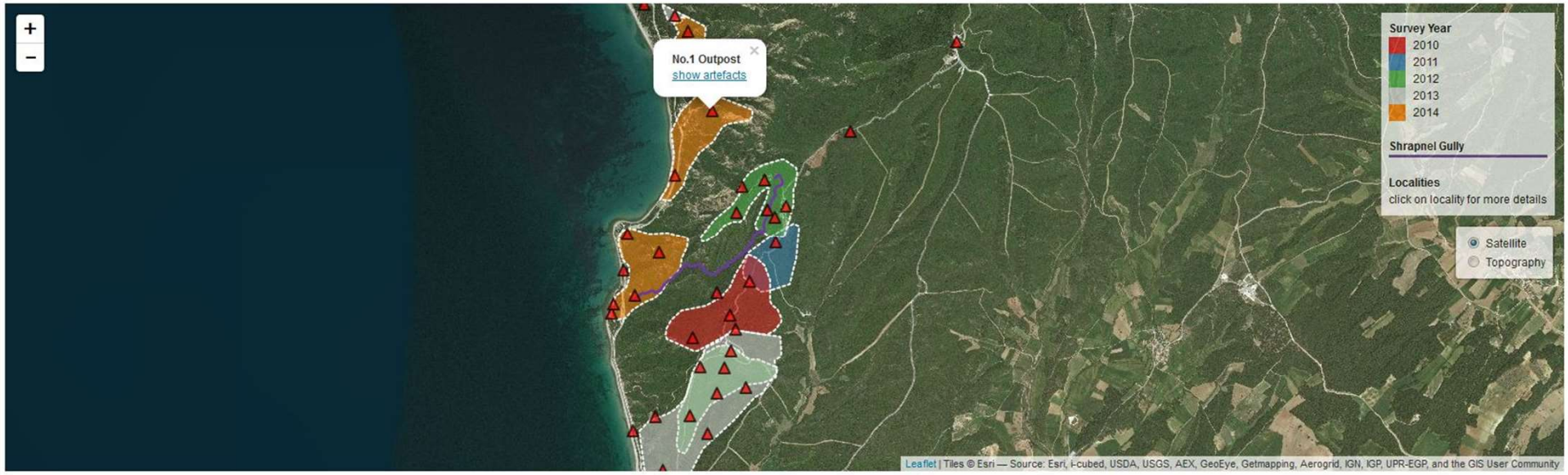

ABOUT THE PROJECT | **SEARCH DATABASE** | BROWSE DATABASE | USING THE DATABASE

search... | All fields... | search... | reset...

Advanced Search

Feature Type	Artefact Type	Artefact Material	Location	Has image
...	...	...	No.1 Outpost	...

Page 2 of 3 Results 11 - 20 of 22

Title/Name	Order by: Feature Artefact

Artefact Metal container
Metal food can fragments x 8. Includes a fragment of circular lid or base, and three fragments with rims - rolled rims with ...

Artefact Personal item
Metal button. Circular, metal button with flat back and bright green oxidation. The front is domed and is almost completely ...

Grave
Grave of 'Bill', the Australian Light Horse. It has a Commonwealth War Graves marker. Located behind (east) of the Commonwealth ...

Strategic Position
Small, hollowed-out depressions used as firing positions at the corners/bends in trench F971. Located at the end of trench ...

Strategic Position
Strategic position at eastern end of trench F976. Overlooks the gully to the east. Elevation 102.516m ASL.

Trench

Artefact Personal item

Feature ID:
966

Artefact No.:
1093

Artefact Type:
Personal item

Survey Date:
17 September 2014

Location:
No.1 Outpost

Period:
c.1915

Area Nationality:
ANZAC

Deployed By:

Length (cm):

Width (cm):

Preservation:

Associated Feature:

Material:
Metal

Photographed: Yes

1093

Description: Metal button. Circular, metal button with flat back and bright green oxidation. The front is domed and is almost completely intact with writing around the outer edge: "... ZEALAND FORCES". There are two stars in the centre, under the word "ZEALAND". The button is 1.7cm in diameter x 0.5cm thick. On the reverse is a metal shank, 0.5cm diameter x 0.15cm thick, for affixing it to clothing. There is also writing visible on the reverse side that is partially discernible: '...& SON Ltd'. Found on the side of a modern track cut into the base of the western-most point of the No.1 Outpost

ABOUT THE PROJECT | **SEARCH DATABASE** | BROWSE DATABASE | USING THE DATABASE

769 | All fields... | search... | reset...

Advanced Search

Feature Type	Artefact Type	Artefact Material	Location	Has image
...	...	...	...	...

Page 2 of 2 Results 11 - 16 of 16

Title/Name — **Order by: Feature Artefact**

Artefact Metal container
Metal fragments x 10. Food can, Bully beef tin. Ferrous oxidation. Found in alluvial deposit (F769). Measurement taken of ...

Artefact Barbed wire
Barbed wire. Double helix twisted. Short, four-pronged barbs. British. Ferrous oxidation. Found embedded in exposure of alluvial ...

Artefact Bricks
Brick fragment. Handmade. Orange-red colour with a wide, shallow frog. Raised partial letter evident in frog

Other
Alluvial deposit. Washed down from slope above. Pale grey silty clay. Small water-worn pebbles. Deposit of several artefacts ...

Trench
Long trench. Proceeds up hill from valley floor to Quinn's Post. Well preserved in lower section. U-shaped steeply inclined ...

Artefact Metal container

Feature ID:
342

Artefact No.:
141

Artefact Type:
Metal container

Survey Date:
20 September 2011

Location:
Courtney's Post

Period: c. 1915

Area Nationality: ANZAC

Deployed By: ANZAC

Length (cm): 17.2

Width (cm): 10.6

Preservation:

Associated Feature:

Material: Metal

Photographed: Yes

Description: Metal container - pannikin. Found in a dugout/rest area. Half-circle or D-shaped. Has eyes on either side (possibly for thin strap); four hinged eyelets equally spaced around (two on sides are vertical and ones on front and back are horizontal). Raised ridge 1.6 cm beneath lip of the pannikin. Some corrosion. Coming apart along base and up into body. Holes at front and one side. Rusted but details are clear and all fairly well preserved. Also a small separate piece. Dimensions after conservation: 17.2 x 10.6cm. The metal is 0.12cm thick. Photo is a grab from 2011 Notebook pdf.

The data and images in the AGAD database are copyright © The department of Veterans' Affairs, Canberra, and are available under a CC-BY 4.0 licence [more information]

Photographs are the work of Antonio Sagona.

Artefact Barbed wire

Feature ID:
537
Artefact No.:
311
Artefact Type:
Barbed wire
Survey Date:
11 September 2012
Location:
The Nek
Period:
c. 1915
Area Nationality: Turkish
Deployed By:
Length (cm): 44
Width (cm): 1.5
Preservation:
Associated Feature:
Material: metal
Photographed: Yes

Description: Barbed wire. Double strand helix. Wire segment has 7 barbs and ferrous corrosion. Surface find close to trench F534. Dimensions: 44.0cm long; barbs are 1.5cm long and are spaced 7cm apart.

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Photographs are the work of Antonio Sagona.

AGAD Challenges

Challenges inherited from the JHAS Project:

- Language: translation and difficulty in collaboration in same place
- Sensitivity of content
- Political issues

AGAD

- Need to restrict public access to aspects of the dataset to protect heritage of the Gallipoli battlefield as a historical landscape
- Finding a long-term host and custodian for the online resource

Details of ongoing custodianship

At present the AGAD is hosted by the University of Melbourne.

However, there is a limited funding horizon.

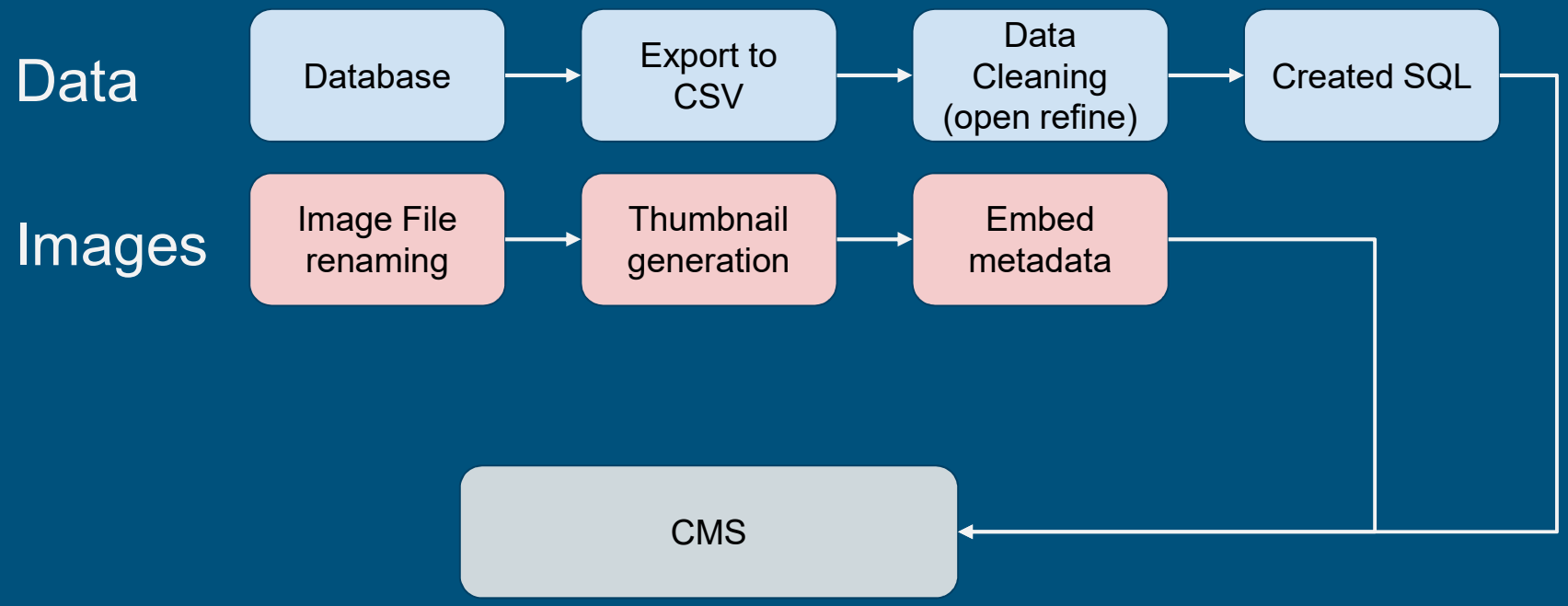
The primary dataset resides with individual researchers and with the Department of Veterans' Affairs, Canberra.

Future home at the Australian War Memorial?

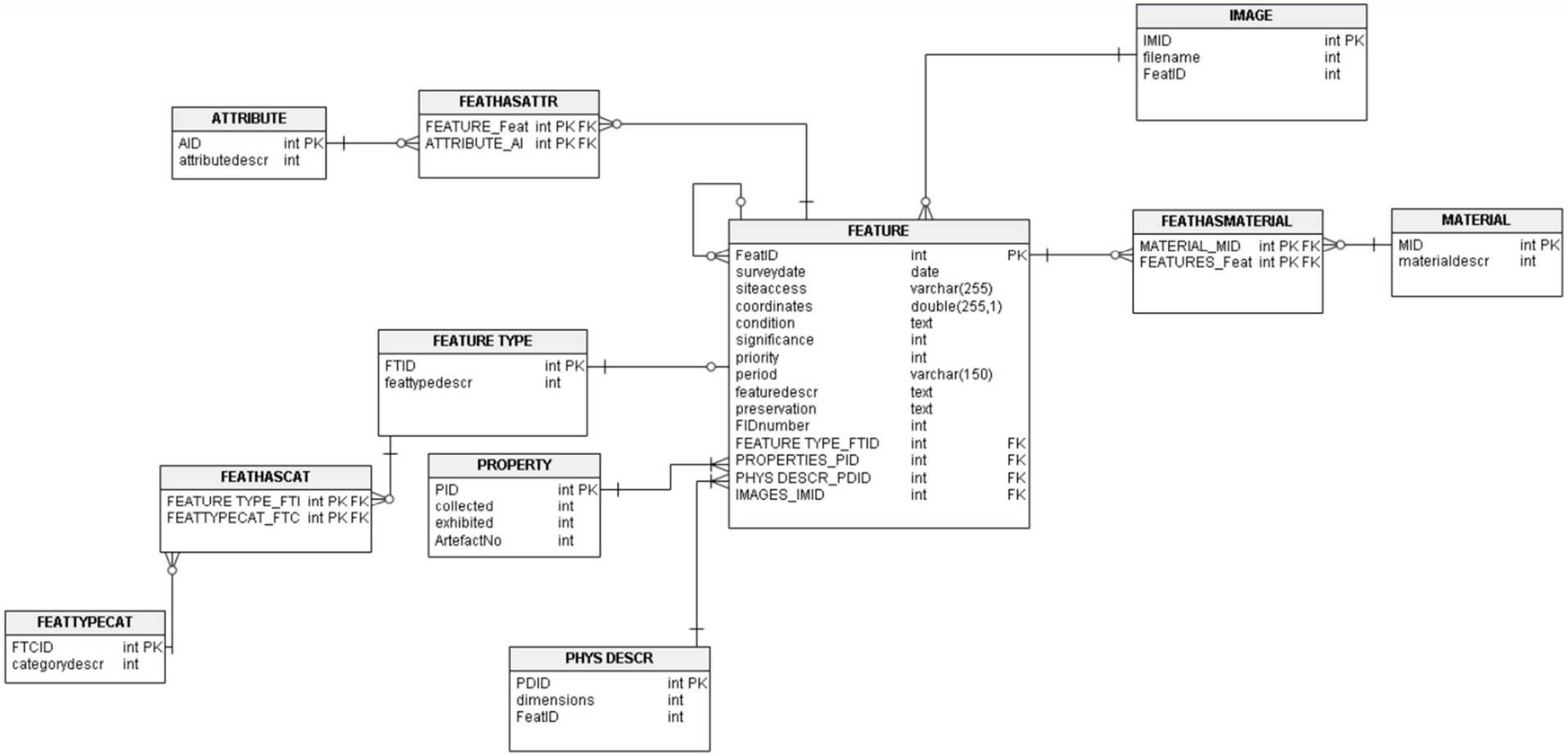
Data Curation Activities

- FileMaker database not preservable in current state
- Wanted to separate concerns between data and display
- Wanted data to persist beyond current system
  - - exit strategy
  - long-term preservation
- Created a Data Management Plan
  - Highlighted ongoing custodianship issues
  - Application of cc-by licence for data and images

Data Manipulation



Database structure



Summary

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- AGAD operates as an unique, interactive appendix that presents the primary data and results of the JHAS project.
- Provides a comprehensive record of the state of the ANZAC Gallipoli 1915 battlefield one hundred years after the conflict.
- Challenges in terms of collaboration across three nations involved in the original conflict: language; funding and contribution; sensitive information, interpretation and use of terms.
- Limitation was built into the AGAD to only provide limited spatial information in order to protect the actual battlefield from looters.
- Challenges for ongoing funding and long-term host and custodian of the raw dataset. Limited funding horizon at present.
- Aims for long-term preservation of the AGAD database.

Acknowledgements

The AGAD website is dedicated to the late Antonio Sagona

- Contributors: Antonio Sagona, Sarah Midford, Jessie Birkett-Rees, Abby Robinson, Simon Harrington, Leo Konstantelos and Anna Shadbolt
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- Turkish Ministry of Foreign Affairs
- Turkish Ministry of Environments and Forests
- The University of Melbourne