Table 1. The key information about the studies discussed in this Master's thesis

Nr	Reference	Year	Dataset	Method	OoI	Scale	Software	Access
1	Menze et al.	2006	Satellite	*Geometric knowledge-based* + *Machine Learning-based*/PBIA – RFCL	tell mounds	regional	FOSS/ R	n/a
2	Menze et al.	2007	Satellite	*Geometric knowledge-based* + *Machine Learning-based*/PBIA – RFCL	tell mounds	large scale	FOSS/R	n/a
3	Menze and Ur	2007	Satellite	*Geometric knowledge-based* + *Machine Learning-based*/PBIA – RFCL	tell mounds	regional	FOSS/R	n/a
4	De Boer	2007	ALS	Template matching	barrows	regional	proprietary/eCognition?	equation
5	Riley	2009	ALS	Geometric knowledge-based	barrows	local	proprietary/ArcGIS	workflows
6	Menze and Ur	2012	Satellite	*Geometric knowledge-based* + *Machine Learning-based*/PBIA – RFCL	anthrosols	large scale	FOSS/R	n/a
7	Menze and Ur	2013	Satellite	*Geometric knowledge-based* + *Machine Learning-based*/PBIA – RFCL	anthrosols	regional, large scale	FOSS/R	n/a
8	Caspari et al.	2014	Satellite	*Machine Learning-based*/ PBIA – Hough-Forests	barrows	regional, large scale?	n/a	equations
9	Kramer	2015	ALS	*Geometric knowledge-based* + *Template matching*/Deformable TM **vs**. *GeOBIA-based*/ MRS + *Machine Learning-based*/PBIA – RFCL	barrows	local	proprietary/eCognition	equations workflows rulesets
10	Trier et al.	2015	ALS	*Template-matching*/Rigid TM + *Machine Learning-based*/PBIA – MDCL	barrows	regional	hand crafted/ CultSearcher	workflow

11	Sevara et al.	2016	ALS	*Geometric knowledge-based* **+** *Machine Learning-based*/PBIA – MDCL **vs.** *Geometric knowledge-based* **+** *GeOIBA-based*/MRS	barrows	local	proprietary/eCognition, OPALS	workflow
12	Freeland et al.	2016	ALS	*GeOBIA-based*/ MRS **vs.** *Geometric knowledge-based* iMound	monumental earthworks	regional	proprietary/eCognition FOSS/R	n/a
13	Cerillo-Cuenca	2017	ALS	*Geometric knowledge-based* **+** *GeOBIA-based* **+** *Geometric knowledge-based*/HCT	barrows	regional	FOSS/Python	workflow ruleset equations
14	Davis et al.	2018	ALS	*Geometric knowledge-based* **+** *Template Matching-based*/Rigid TM **+** *GeOBIA-based*/MRS	mounds shell rings	regional	proprietary/eCognition, ArcGIS FOSS/SAGA	workflow
15	Guyot et al.	2018	ALS	*Geometric knowledge-based* Multi-scale Topographic Analysis **+** *Machine Learning-based*/ PBIA – RFCL + LHS	barrows	regional	FOSS/RVT, R, WhiteBox, GAT	workflow equations rulesets
16	Raun	2019	ALS	*Template-matching*/Rigid TM	barrows	regional	FOSS/Python, openCV	workflow in Raun 2016
17	Davis et al.	2019	ALS	*GeOBIA-based*/MRS **vs**. *Template Matching-based*/ **vs.** *Geometric knowledge-based* IDA/iMound	mounds shell rings	local	proprietary/eCognition, ArcGIS FOSS/Whitebox GAT	workflow equations
18	Caspari and Crespo	2019	Satellite	*Deep Learning*/ CNN **vs**. *Machine Learning-based*/	barrows	large scale	FOSS/ Python	workflow equations

				PBIA – random guessing **vs.** linear **vs.** radial basis SVM				
19	Meyer-Heß et al.	2019a,b	ALS	*Geometric knowledge-based* **+** *GeOBIA-based*/MRS	ridge & furrow barrows motte & bailey	large scale	proprietary/eCognition, ArcGIS	workflows rulesets
20	Verschoof-van der Vaart and Lambers	2019	ALS	*Geometric knowledge-based* **+** *Deep Learning*/Faster R-CNN	barrows celtic fields charcoal kilns	regional	FOSS/ Python	workflow
21	Kazimi et al.	2019a	ALS	*Deep Learning* Deep Convolutional Autoencoder	bomb crater charcoal kilns barrows	local	n/a	workflow network
22	Kazimi et al.	2019b	ALS	*Deep Learning*/Mask R-CNN	bomb crater charcoal kilns barrows			
23	Orengo et al.	2020	Satellite	*Geometric knowledge-based* **+** *Machine Learning*/ PBIA – RFC	tell mounds	large scale	FOSS/GEE	data workflow code
24	Niculiță	2020a	ALS	*Geometric knowledge-based* **+** *GeOBIA-based*/WS **+** *Machine Learning-based*/PBIA – RFCL	barrows	regional	FOSS/R, RSAGA	data workflow equations code
25	Sărășan et al.	2020	UAV	*Geometric knowledge-based* **+** *GeOBIA-based*/MRS	barrows	regional	proprietary/eCognition, ArcGIS FOSS/Whitebox GAT	workflow equations rulesets
26	Rom et al.	2020	ALS	*Geometric knowledge-based*/	tell mounds	regional	FOSS/SAGA, Python, R	workflow

				iMound			proprietary/OPALS	equation
27	Kazimi et al.	2020a	ALS	*Geometric-knowledge based* + *Deep Learning*/Mask-R-CNN	bomb craters charcoal kilns barrows mining pits	regional	FOSS/Python	n/a
28	Kazimi et al.	2020b	ALS	*Geometric-knowledge based* **+** *Deep Learning*/MM-net **vs.** MM-HR-net	bomb craters charcoal kilns barrows mining pits	regional	FOSS/Python	Network
29	Trier et al.	2021	ALS	*Geometric-knowledge based* **+** *Deep Learning*/Faster-R-CNN	barrows pitfall traps charcoal kilns	large scale	FOSS/ Python	flowchart
30	GholamReza and Malian	2021	Satellite	*Geometric knowledge-based* **+** *Template matching*/Rigid TM	ancient hills/tells	local	n/a	n/a
31	Davis et al.	2021	ALS, Satellite	*Geometric knowledge-based* + *Deep Learning*/Mask-R-CNN **vs./+** *Machine Learning-based*/ PBIA – RFCL	mounds, shell rings	regional	ArcGIS Pro	flowchart