

# digital cultural heritage: FUTURE VISIONS

Edited by Kelly Greenop and Chris Landorf

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Acehnese built cultural heritage.

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The Conference Convenors received a total of 44 abstracts. Abstracts underwent a double-blind peer review by two members of the Conference Organising Committee. Authors of accepted abstracts (32) were invited to submit a full paper. All submitted full papers (18) were again double-blind peer reviewed by two reviewers. Papers were matched as closely as possible to referees in a related field and with similar interests to the authors. Sixteen full papers were accepted for presentation at the conference and a further 6 papers were invited to present based on submitted abstracts and work-in-progress. Revised papers underwent a final post-conference review before notification of acceptance for publication in these conference proceedings.

Please note that papers displayed as abstracts only in the proceedings are currently being developed for submission to a digital cultural heritage special edition of an academic journal.

**Abstract**

*Post-tsunami Aceh Indonesia represents a contemporary example of lost built cultural heritage, with the destruction of significant buildings, whole communities and archival materials in 2004. This paper proposes reconsidering 'the archive' as an interactive set of multi-modal representations. Framed from one perspective, as a disaster recovery tool, is a research method combining outcome and process to safeguard against future losses of built and socio-cultural heritage. Immersive research methods engage onsite interaction, community shared experiences, engagement, collective remembering for purposes beyond recording built heritage. The production of research in the absence of community collaboration or situational immersion represents an intellectual exercise that is detached from any 'real' physical appreciation of the subject. Architectural anthropology underpins a process that employs material in digital and virtual representational modes, simultaneously, to record traditional Acehnese built forms and related socio-cultural practices. Collated virtual modelling technologies have the capabilities to innovatively re-imagine sensorial and experimental spatialities of lost Acehnese urban environments, activating new archival collections. The research process discussed aims to record, produce and reimagine data, producing interactive archival material in a form accessible to audiences beyond language and cultural boundaries, to reflect on the human condition for disaster relief situations.*

**Keywords:** Interactive heritage archive; BIM; VERNADOC; re-envisioning; multi-

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