

## Chapter 24

# Web 2.0 and Idiosyncrasy of Cultural Heritage: A Perspective from Indonesia

**Ruly Darmawan**

*Bandung Institute of Technology, Indonesia*

### ABSTRACT

*Information and communication technology (ICT) plays a significant role in making cultural heritage preservation activities find acceptance and appreciation from society. By using Web 2.0 developments, preservationists may strengthen the idiosyncrasy of cultural heritage. For Indonesia, highlighting a unique cultural heritage is important since Indonesia has cultural similarities with other countries. An intensive dialogue among historians, anthropologists, artists, activists, and other participants can facilitate the meta-reflection which is needed in formulating cultural heritage. Such a dialogue space can conveniently be constructed using Web 2.0 technologies. Instead of presenting a technically-focused applications of Web 2.0 technology for cultural heritage, this paper highlights the inquiry, dialogue, and collaboration behind culture and cultural heritage activities. It also discusses technocultural issues, including Web 2.0, globalization 3.0, and the rise of a new technocultural class, in order to create a framework for culture and cultural heritage approaches before implementing technological solutions to cultural heritage problems.*

### INTRODUCTION

The existence of cultural heritage artifact, either material or immaterial artifact, has become a major concern for several countries. It is because the cultural heritage stores the fundamental world-view of a particular society or, in a larger scale, a par-

ticular nation. The importance of cultural heritage also attracts particular attention from some major multinational organizations such as UNESCO and ASEAN. These two organizations are then drawn up some strategic plans of actions for cultural heritage preservation, including the consideration to incorporating the support from technological means such as ICT. The implementation of ICT on cultural heritage information management has

DOI: 10.4018/978-1-60960-044-0.ch024

been of particular concerns in several years now. Read-only digital collection on the website, digital library, and online interactive virtual heritage are some examples of the projects that are dedicated to the cultural heritage information management and dissemination. For developing country, such effort might be an invaluable contribution, especially in promoting the local identities within a global world. For Indonesia, for instance, implementing ICT in cultural heritage information management and dissemination can be a solution to promote the various kinds of cultural potentials and, at the same time, to determine the position of Indonesian culture among the other cultures in the world. However, such attempt in cultural heritage online promotion is not quite enough. Some occurrences have shown that the physical manifestations of Indonesian cultural heritage are still in danger. Natural disaster, artifacts stealing, and claims are some of many threats that produce a terrible loss for material culture inventory and could make the dissemination of cultural heritage information become irrelevant and lose its context. The remaining chance to remedy such situation is by preserving the immaterial manifestation of cultural heritage as keen as possible. Furthermore, such preservation of immaterial manifestation should also be supported by the attempt in pursuing an in-depth inquiry on the ideas behind immaterial manifestation or, in other words, seeking “the immateriality beyond immaterial manifestation”.

Of seeking deeper layers of such immateriality issue, it is important to consider the tacit knowledge that is located in people’s mind. In this sense, the understanding about immateriality is gathered from experience and knowledge as well. To bring out this tacit knowledge, a dialogue which allows people to tell everything they know and understand might be the suitable alternative. The only remaining problem now is on the availability of space where the exchange of ideas can be facilitated in.

The rapid development of digital technology leads the contemporary people into a paradigm

shift which ramifies the worldview and the way of living. Further, New technology must be developed with an understanding of the needs and concerns of our target user population (Heilpern, Reid, Boardman, & Annam, 2009, p. 821). This notion seems already obtain an answer by the development of Web 2.0 which offers the possibility for user to participate in the creation of online content, including the possibility in the way in conditioning the information. Nowadays, users are not in position as the consumer of information anymore, yet it allows them to produce information based on what they know or on what they intended the other people to know. Such situation makes the Web 2.0 becomes suitable for a construction an alternative dialogue space within which people can do some reflections in order to produce a comprehensive understanding about some issues. In the issue of cultural heritage, such dialogue space may facilitate the needs in searching the aforementioned immateriality beyond manifestations. Due to the critical situation of Indonesian cultural heritage assets, this dialogue space is relevant with the intention in finding and preserving the fundamental conception of cultural heritage. Having such perspective, the availability of a framework that maps the roles and activities concerning the meta-reflection in a dialogue space is needed. It will help in determining the roles and activities that would be necessary in achieving the expected results. The primary objective of this paper is to draw up a framework that is suitable for pursuing a meta-reflection activity that is inline with the behavior of Web 2.0 and the worldview of contemporary people, and can be considered as an adequate reference before implementing a technology for cultural heritage preservation and dissemination. In supporting this objective, this paper elaborates the issues on culture and cultural heritage as well as the ideas behind technocultural society, especially in its relevance with paradigm shift driven by the digital technology.

12 more pages are available in the full version of this document, which may be purchased using the "Add to Cart" button on the publisher's webpage:

[www.igi-global.com/chapter/web-idiosyncrasy-cultural-heritage/50285](http://www.igi-global.com/chapter/web-idiosyncrasy-cultural-heritage/50285)

## Related Content

---

### Validating the End-User Computing Satisfaction Survey Instrument in Mexico

George E. Heilman and Jorge Brusa (2006). *International Journal of Technology and Human Interaction* (pp. 84-96).

[www.irma-international.org/article/validating-end-user-computing-satisfaction/2892](http://www.irma-international.org/article/validating-end-user-computing-satisfaction/2892)

### Digital Transformation of Museum Conservation Practices: A Value Chain Analysis of Public Museums in Hong Kong

Athena Kin-kam Wong and Dickson K. W. Chiu (2023). *Handbook of Research on Digitalization Solutions for Social and Economic Needs* (pp. 226-242).

[www.irma-international.org/chapter/digital-transformation-of-museum-conservation-practices/319604](http://www.irma-international.org/chapter/digital-transformation-of-museum-conservation-practices/319604)

### Understanding the Technology Receptivity in Higher Education: Evidence From the UAE

Fauzia Jabeen, Mehmood Khan and Syed Zambari Ahmad (2018). *International Journal of Technology and Human Interaction* (pp. 39-52).

[www.irma-international.org/article/understanding-the-technology-receptivity-in-higher-education/204512](http://www.irma-international.org/article/understanding-the-technology-receptivity-in-higher-education/204512)

### Abduction and Web Interface Design

Lorenzo Magnani and Emanuele Bardone (2006). *Encyclopedia of Human Computer Interaction* (pp. 1-7).

[www.irma-international.org/chapter/abduction-web-interface-design/13092](http://www.irma-international.org/chapter/abduction-web-interface-design/13092)

### Pursuit of Operational Excellence: A Systemic Approach

Christine Welch, Tammi Sinha and Nigel Ward (2016). *International Journal of Systems and Society* (pp. 21-34).

[www.irma-international.org/article/pursuit-of-operational-excellence/172781](http://www.irma-international.org/article/pursuit-of-operational-excellence/172781)