

## Renaissance of the "TOMOBIKI Night!!" social streaming program for geospatial information science and technology

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"TOMOBIKI Night!!" is a streaming program which was originally broadcasted in 2010–2012. The main topic of the program was archaeology and geographical information systems (GIS). The program was broadcasted from Tokyo in every other *tomobiki* day of the Japanese lunar calendar system (approximately once in six days). The duration of each program was one hour in average, and the contents included talk with guests, report of academic/social events, and show of gadgets such as latest applications and instruments. Ustream was used for the streaming platform, and its social streaming facility effectively bridged two anchors and audience. The series halted at the 30th program in July 2012, due to the overwhelmingly busy schedule of the anchors.

As one of the anchors moved to Kyoto in 2014, the "TOMOBIKI Night!!" Renaissance Project was launched in the Kansai area (including Osaka, Kyoto, and Nara). During the halt, social media have settled in academia. Streaming videos are taken in scholarly meetings and lectures, and an increasing number of streaming-oriented scholarly meetings, such as the Niconico Gakkai β[2] and One-Hundred-Research-Show series, have been convened. The research interests of the anchors have been widened towards geography and geospatial information sciences. It is also noted that rescue operations in the Great East Japan Earthquake in 2011 enhanced collaborations between researchers, industries, and governmental sectors by means of GIS. Following these trends, the new series of "TOMOBIKI Night!!" deal with a wider range of topics associated with geospatial information science and technology. The first program of the new series was broadcasted in April 2015. After then, one-hour live session is broadcasted from either Nara or Kyoto once in several *tomobiki* days [3]. The structure of the program follows the old series and comprises talk with guests, gadget show, and event news. In addition, an associated streaming program "TOMOBIKI-ja-Night!! GeoGeoWest" [4] is broadcasted from Aoyama Gakuin University in the suburb of Tokyo every Monday during a semester. Streaming platform can be chosen from Ustream, Periscope, and YouTube Live now. This paper reviews the first year of the Renaissance Project and discusses the current status and future directions of social streaming programs in the context of drastically transforming scholarly communications.

[1] Kondo, Y., Ako, T. (2012) "TOMOBIKI Night!!" a Japanese Archaeo-GIS Ustream programme.

Demonstration presented at the 40th annual conference of Computer Applications and Quantitative Methods in Archaeology (CAA). held at University of Southampton, 26–29 March 2012.

<https://www.ocs.soton.ac.uk/index.php/CAA/2012/paper/view/356> (Accessed 17 February 2016)

[2] Niconico Gakkai βChannel <http://ch.nicovideo.jp/niconicogakkai> (Accessed 17 February 2016)

[3] TOMOBIKI Night!! <https://www.youtube.com/channel/UCrGyVZYqz6l0Qwm-jQg4bVw?spfreload=10> (Accessed 18 February 2016)

[4] AGU GSC on Air <https://www.youtube.com/channel/UCrHdfBuNA3qyfLNAPyv3T8w> (Accessed 17 February 2016)

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