

## Architecture in Society

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### Editorial

The Architectural engineering Technology has a collection of articles.

The first article is by Karen K [1]. A BIM-based visualization tool for facilities management: fault detection through integrating real-time sensor data into BIM. A building data model (BIM) will be used as a platform to trace device knowledge, that is helpful for facilities management (FM). One technique is to use the Revit API (application programming interface) to integrate BIM and device knowledge.

Japanese healthcare facilities in the post COVID-19 Society. Nagasawa Y [2]. The unfold of the new coronavirus (COVID-19) has modified standard of living and caused several issues in medical and healthcare/welfare facilities. As luck would have it enough, throughout the weekend staying safely and quietly in my house placed at the middle of the national capital Mega town, wherever the Japanese government warns United States of America to not exit except essential and pressing works, the author is convinced that our society can modification terribly drastically when pandemic of COVID-19. per associate degree recent saying: "Good likelihood can return at the worst occasion", it'll be higher to utilize this occasion to suppose and discuss on what quite direction we are going to forward so as to address the changes inevitably caused by unfortunate COVID-19 pandemic.

A comparative review of the implications of flooding on architecture and planning policies in the UK and Nigeria. Brisibe WG [3]. Since linguistic communication the Kyoto protocol and also the Paris accord, many countries have already enacted policies to cut back activities that have contributed to warming and ultimately temperature change. However, some levels of injury has already been done leading to the manifestation of bound adverse effects like, exaggerated flooding

thanks to a lot of frequent and continuous downfall, melting of ice caps and rise in water level amongst others. With these adverse effects on the rise, buildings and infrastructure became a lot of at risk of increased degeneration and potential destruction globally, particularly on coastal and low lying communities.

Brief introduction to vibration measurement and application to structural performance evaluation of timber structures in Japan. Fujita K, et al [4]. From past experiences, buildings in Japan engineered before 1980 tend to suffer severe injury by earthquake compared to buildings engineered later. The structural performance of building structures in Japan are regulated by the Building Normal Law, enacted in 1950 by the national government. The BSL has suffered several revisions, and therefore the most up-to-date major revision on building structures was operated in 1981. The results {of injury|of harm} investigation by multiple earthquakes have disclosed that buildings engineered before this revision show severe damage by massive earthquakes compared to the buildings engineered later.

### References

1. Karen K (2020) A BIM-based Visualization Tool for Facilities Management: Fault Detection Through Integrating Real-Time Sensor Data into BIM. J Archit Eng Tech 9: 1-19.
2. Nagasawa Y (2020) Japanese Healthcare Facilities in the Post COVID-19 Society. J Archit Eng Tech 9: 1-5.
3. Brisibe WG (2020) A Comparative Review of the Implications of Flooding on Architecture and Planning Policies in the UK and Nigeria. J Archit Eng Tech 9: 1-5.
4. Fujita K, Toyoda T (2020) Brief Introduction to Vibration Measurement and Application to Structural Performance Evaluation of Timber Structures in Japan. J Archit Eng Tech 9: 1-2.