Digital Smart City Initiative

Social Cooperation Program for Digital Smart City Initiative

Department of Human and Society Systems

Department of Advanced Interdisciplinary Studies

Center for Spatial Information Science

Human Centered Urban Informatics

Project Management

Engineering and Design for Timber Structures

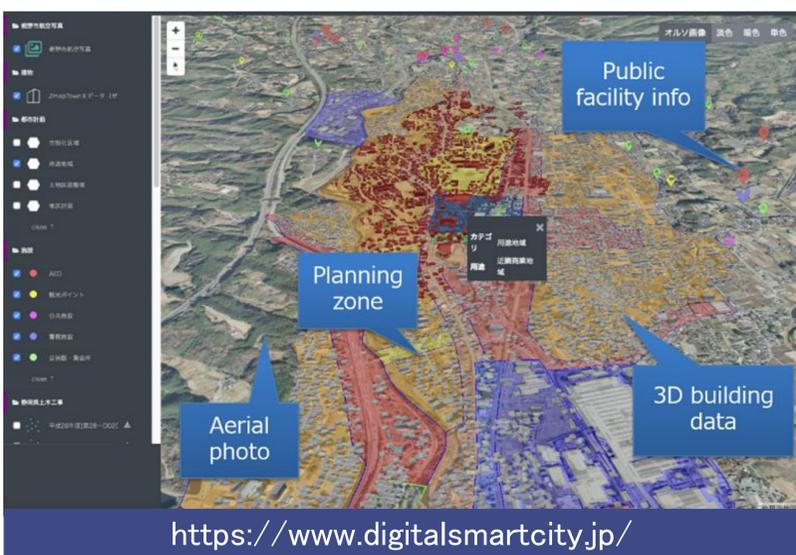https://dsci.iis.u-tokyo.ac.jp/

Until now, Institute of Industrial Science, University of Tokyo has held the research activities of Integrated Urban Infrastructure Services research group and 2018 IIS development study of Smart Operation of Integrated Information Urban Infrastructure Construction. At this time, Digital Smart City Initiative social cooperation research community is established for a period of four and half years.

Recently, with the rapid improvement of information technology such as big data, open data, and AI, it is crucial to improve the latest urban management technology and cultivate the autonomous smart city base. Notably, the network of the mass of people and data management technology without dependence on specific entities is expected.

For systematically achieve these goals, we conduct the digital city composed of corresponding data and software to depict the grand design and concept of unban data infrastructure and launch pilot experiments in anticipation of urban management in the field of disaster prevention, transport, infrastructure construction, and regional economy.

■Corporate Organizations：SoftBank Corp./ Pacific Consultants Co., Ltd./ East Nippon Expressway Co., Ltd.

Tokio Marine & Nichido Fire Insurance Co., Ltd.

（Collaborative Organization: National Research Institute for Earth Science and Disaster Resilience）

■Members：Tomoya YASHIRO（Professor, IIS）/ Mikio KOSHIHARA（Professor, IIS）/ Yoshihide Sekimoto（Professor, CSIS）

■Co-members：Hideki Koizumi（Professor, RCAST）/ Masaki ITO（Associate professor, IST）/ Toshikazu SETO（Visiting researcher）

■ Digital City Project: Various Regional Information for Digital Twin Infrastructure Construction

https://www.digitalsmartcity.jp/

Regular event of 「Civic Cooperation Urban Planning Digital Communication Workshop」with Susono & Nanto City

■ My City Report (for Road Manager): Real-time Infrastructure Management System by Automatic Road Damage Detection

■ Regional Challenges Solution and Innovation Creation even 「Urban Data Challenge (UDC)」for Citizens with Digital Data

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Institute of Industrial Science, The University of Tokyo