

ICC 2019 Tokyo Tentative Program: Poster Session (as of 31 May 2019)

Tue 16th July

Poster Session P1

Datetime: Tue 16th July 8:30-18:00

Room: Jupiter(Miraikan)

P1-01 Living Among the Dead in the Manila North Cemetery: A Cartographic Re-Imagination

Patricia Ocampo Algura

P1-02 Mapping vanished mountain shapes —The struggle between limestone mining and establishing a natural park at Mount Bukō—

Hiroko Toyota, Daiki Ito, Shuya Suzuki, Ryohei Hara, Junxiang Wang

P1-03 The topography of the world by IN-YOU-ZU

Yukihide Akiyama, Izumi Sakamoto

P1-04 Social-Environmental Atlas of the Lençóis Maranhenses area in Northeastern Brazil. First results of a methodological approach.

Reinaldo Paul Pérez Machado

P1-05 Atlas of Indonesian Batik: Javanese Batik

Candra Sari Djati Kartika, Zulfa Nur'Aini 'Afifah, Adriati Annisa Utami

P1-06 Development of an online learning environment for geography and geology using Minecraft

Junko Iwahashi, Yoshiharu Nishioka, Daisaku Kawabata, Akinobu Ando, Hiroshi Une

P1-07 Analysis of children's future map drawings in Sapporo City

Akio Shiino

P1-08 1/30 scale of Japan topography model realized with Minecraft

Yoshiharu Nishioka

P1-09 National map contest for cartographic education

Takuma Uda, Takaki Okatani

P1-10 Variation of Geospatial Representation of Community Hazard Maps with Disaster Prevention Activities

Toru Murayama

P1-11 3D Interactive Visualization Method of Urban Waterlogging Based on Cesium

Xu Zhang, Wei Zhou, Jie Shen, Lukáš Herman, Yixian Du

P1-12 Anticipating the Flood. Community-based cartography for disaster flood events in Argentina.

Ignacio Agustin Gatti, Federico Ariel Robledo, Sol Hurtado, Julieta Caneva, Diego Moreira, Mariano Re, Elodie Briche, Magdalena Falco, Leandro Kazimierski, Anna Paula Micou

P1-13 Geomorphological maps as the basis of hazard mapping in Japan

Yohta Kumaki, Sumiko Kubo

P1-14 A tool for generating testable pop-out effects in geovisual displays

Tomasch Reichenbacher

P1-15 Combined GPS and motion-tracker data for activity levels and various route selections in everyday travel

Kaito Yoshida, Madoka Nakajima, Takashi Morita

P1-16 Context-Aware POI Sequence Recommendation with Attention-Based Neural Network

Jianfeng Huang, Yuefeng Liu, Yue Chen, Chen Jia

P1-17 No Sudden Audio Switch -- Preventing discontinuous POI audio playing in LBS

Ruo Chen Si, Masatoshi Arikawa, Hideki Kaji, Tianqi Xia, Ryosuke Shibasaki

P1-18 Understanding landmark types in human navigation from a database perspective

Hao Lyu, Wangshu Wang

P1-19 An interactive map of Tunisian toponymy.

Mohsen Dhieb

P1-20 Mobile Geographic Visualization Service for Marine Safety Information based on Geo-Location Based Augmented Reality

Jaeseong Ahn, Hwahwan Kim, Jeongyun Lee

P1-21 Managing coverage holes in IoT monitoring sensor networks

Roya Habibi, Ali Asghar Alesheikh

P1-22 Updating of mountain trails on the "Digital Japan Basic Map" using big data of walking paths

Kiyoaki Nakaminami, Koji Otsuka, Yoshikazu Honda

P1-23 How to read 'Emotional Cartographies': Rethinking (Carto)graphic Representation and Semantics

Nevena Markovic

P1-24 Urban scene classification of high-resolution remote sensing images combined with spatial co-occurrence of POI

Yu Su, Yanfei Zhong

P1-25 Method of Indoor Map Unified Mathematics Basic Transformation Based on Transitional Projection Plane

Weixin Sun, Zhiyong Xue, Heyuan Li

P1-26 Research of Ubiquitous Information Aggregation Mechanism for Location Based Service

Zhiyong Xue, Weixin Sun, Heyuan Li

P1-27 The design and auto map-making technology for deformed traffic route map

Xianhua Cai, Yuan Zhang, Xiao Fu

Wed 17th July

Poster Session P2

Datetime: Wed 17th July 8:30-18:00

Room: Jupiter(Miraikan)

P2-01 Geospatial Information Authority of Japan's (GSI's) support

Takaki Okatani, Hiroaki Tanaka, Yuki Kurisu, Hidetoshi Nakajima, Keisuke Katsuta

P2-02 Work in Team – Improve your GIS Skills. Effectiveness of project work in teaching GIS for foreign students

Krisztina Irás, José Jesús Reyes Nunez

P2-03 Geostatistical mapping of land prices in Taiwan Case: an empirical comparison of ordinary kriging

Cheng-Ya Chang

P2-04 Estimation of building shape by block size

Masahiro Taima, Yasushi Asami, Kimihiro Hino

P2-05 Spatiotemporal Analysis of Carpooling Data

Mátyás Gede, Lola Varga

P2-06 Evaluating transport time in emergency medical service via GIS: an observational study of Tokyo

Tianqi Xia, Shuzhe Huang, Xuan Song, Xiaoya Song, Ruochen Si, Ryosuke Shibasaki, Kyoung-Sook Kim

P2-07 Digital Terrain Representation Methods and Red Relief Image Map, A New Visualization Approach

Tatsuro Chiba, Shin-Ichi Kaneta, Makoto Ohashi

P2-08 Improvement suggestions for problems of hazard map from the viewpoint of color scheme

Endo Ryo, Nakano Takayuki

P2-09 Implementation of Pedestrian Path Navigation Algorithm Based on "We-Map" Platform

Jian Zhang, Haowen Yan

P2-10 Potential of Digital Elevation Topographic Maps reveal the history of the region: comparing Those Maps with Marsh data in the early Meiji Period

Masatoshi Ideto, Yuki Kurisu, Hideyuki Toishigawa

P2-11 The Magnificent Pilgrimage of Borobudur

Dirga Imam Gozali Sumantri, Muhammad Raihan, Pindi Setiawan, Agung Budi Harto

P2-12 Methods and algorithms for creation of structural schemes of rivers

Ivan Evgenyevich Fokin, Sergey Anatolyevich Krylov

P2-13 A precise location navigation map visualization method for landmark guidance

Wang Hai Ying, Wang Hai Ying

P2-14 Consideration of topographic expression for Geopark maps - Case study of the North Ibaraki Geopark

Mamoru Koarai, Rika Imaizumi

P2-15 A New Method for Extracting Elevation Information of River System from Contours

Guifang He, Minshi Liu

P2-16 Satellite Stereo Image Processing for 3D Topographic Mapping

Jaehong Oh, Changno Lee

P2-17 Landform mapping of Okinoshima island and sea bed of Munakata city

Takahito Kuroki

P2-18 Using a free colour vision simulator to improve the accessibility of orienteering maps

Rebecca Schulga, David Forrest, Trevor Hoey

P2-19 Measuring distance through topographic models

Roberto De Figueiredo Ribeiro

P2-20 Usability problems and literacy of online maps

Shin Murakoshi, Kenta Mitsushita

P2-21 Study on the Behaviors of Inbound Tourists based on Geotagged Photo Metadata

Ru Ru Shen, Hao Wen Yan, Qin Ke Sun, Xiao Jun Li

P2-22 Making post-glacial uplift visible: A model based high-resolution animation of shore displacement

Viljami Perheentupa, Ville Mäkinen, Juha Oksanen

P2-23 UAV Based Agricultural Crop Canopy Mapping for Crop Field Monitoring

Prabath Priyankara, Takehiro Morimoto

P2-24 Urban Growth: From pixel to reality

Shyamantha Subasinghe

P2-26 Visualization and geospatial analysis on rural areas using sub-regional statistics

Takehiro Morimoto

P2-27 Research on event perception based on geo-tagged social media data

Ruoxin Zhu, Chenyu Zuo, Diao Lin

P2-28 Interactive mapping for geographically weighted correlation in big census data

Narumasa Tsutsumida, Joseph Percival, Daisuke Murakami, Takahiro Yoshida, Tomoki Nakaya

Thu 18th July

Poster Session P3

Datetime: Thu 18th July 8:30-18:00

Room: Jupiter(Miraikan)

P3-01 The Characteristics of Taiwan Persuasive Maps Made by Japanese

Ching-Jen Kao

P3-02 Publication of maps and plans of Jewish settlement from the first half of the 18th century

Jiří Drozda, Filip Paulus, Šárka Steinová, Ondřej Böhm

P3-03 Automatic Georeferencing of Heterogenous Historic and Illustrated Maps

Enrique Javier Arriaga-Varela, Toru Takahashi

P3-04 Historical maps and landscape analysis

Vladimir Kusan, Stjepan Husnjak, Tena Birov, Ivona Ziza

P3-05 Engraved footprints from the past. Retrieving cartographic geohistorical data from the Cassini Carte de France, 1750 - 1789

Bertrand Dumenieu, Julien Chadeyron, Pascal Cristofoli, Julien Perret, Laurence Jolivet, Stéphane Baciocchi

P3-06 Digital archiving project of paper maps collected for the International Map Exhibition 1980 in Tokyo

Hideki Kaji, Ken'ichi Tsuruoka, Ruochen Si, Min Lu, Masatoshi Arikawa, Takashi Oguchi

P3-07 Establishment of the inventory of the historic bridges analyzing the maps of Europe in the XIX. Century, in the area of Split-Dalmatia County, Croatia

Katarina Rogulj, Ivana Racetin, Jelena Kilić, Ljerka Županović

P3-08 100 years of Carte Rouge – a Hungarian ethnographical map by Pál Teleki

Daniel Zoltan Segyevy

P3-09 Use of 19th century cartographic source materials to study spatial changes of villages in Wielkopolska (Poland)

Anna Oliskiewicz Krzywicka

P3-10 Exploring the social position of tactile maps in Japan

Masahiro Tanaka

P3-11 Mind maps produced by visual impaired students

Luciana Arruda, Carla Cristina Sena

P3-12 Caveat Emptor: A new form of participatory mapping and its ethical implications for Participatory GIS

Koshiro Suzuki

P3-13 Interactive web mapping of 90 Years of Fire History Across South Australia

Joshua Andrew Gore, Stefan Peters

P3-14 A Report on “Old Map Collection” by Geospatial Information Authority of Japan

Kana Hidari, Niina Nakano

P3-15 Fuzzy Expression of Hand-drawn Paths in We-Map Environment

Ru Ru Shen, Hao Wen Yan, Xiao Min Lu, Qin Ke Sun

P3-16 Mapping Mars's Eastern Valles Marineris

Eian Scott Ray

P3-16 Geo-visualization of antibiotic resistance based on web map service

Taekeon Hwang, Kangmin Kim, Chul Sue Hwang, Chang-Jun Cha

P3-17 The Re-Scheme Project for the Mexican Cartography Plan

Cecilia Zuleima Cortina, Leonardo Tun, Shachak Peeri

P3-18 Seafloor Stereo Map of Coastal Areas for Geomorphological Studies

Hideaki Goto

P3-19 The GEBCO and NOAA Chart Adequacy Workshop

Cecilia Cortina, Rochelle Wigley, Shachak Pe'Eri

P3-20 Geographically weighted bidimensional regression on the 17th-century map of a castle town in Japan

Naoto Yabe

P3-21 Streetcar Passenger Flow Maps in Old Tokyo City in 1930

Kazuki Ishikawa, Daichi Nakayama

P3-22 Creation and analysis of a GIS land-use map for the end of the Edo period in Tokyo

Takeshi Noma

P3-23 Learning Method that Facilitates User Understanding of Changes in the Kyoto Townscape: Utilizing a Smartphone Application with the Kyoto City Tram and Bus Photograph Database

Akira Takahashi, Shumpei Yamamoto, Hirotaka Sato, Naomi Kawasumi, Manabu Inoue, Keiji Yano, Asanobu Kitamoto

P3-24 Assessment of the effectiveness of vegetation cover management in the Mediterranean region: a remote sensing mapping comparison. Example of El Kala National Park, Algeria

Imene Diaf

P3-25 Key Technology Research on Quality Inspection and Evaluation of Digital Orthoimage Map Used in China's National Land Survey

Yaoling Shang

P3-26 Static Risk Mapping of Forest Fires - In the case of the Province of Chefchaouen (Morocco)

Malak Alasli

P3-27 Mapping of Geospatial Information on Disasters Predicted to Occur in Wetland Areas of the Shonan Region

Kuniaki Isobe, Toshiro Sugimura

- P3-28 New Authentication Method for Vector Geographic Data Based on Perceptual Hash**
Zhang Liming, Zhang Xingang
- P3-29 Deformation Monitoring of Landslide Based on Adapted Distributed Scatter Interferometric Synthetic Aperture Radar**
Hongguo Jia, Hao Zhang, Wenjing Ren, Bin Yan
- P3-30 The GIS-based approach for the permafrost active layer depth mapping**
Mikhail A. Korets, Anatoly S. Prokushkin
- P3-31 Analysing and visualizing spatio-temporal landslide patterns**
Daniel Hölbling, Raphael Spiekermann, Andrea Binn, Harley Betts
- P3-32 Simulation and prediction of Shanghai urban spatial change based on random forest and CA-Markov model**
Xuewei Dang, Liang Zhou, Xiaoen Li, Haowei Mu, Lei Che, Fuwei Qiao
- P3-33 Spatial differences and pattern evolution of Multi-scale Urban Land between China and India**
Qinke Sun, Liang Zhou, Xuewei Dang, Bowei Hu, Haowei Mu
- P3-34 Relationships between landslides and land use changes in the Sanbagawa and Mikabo Belts, Shikoku, Japan**
Roxanne Lai, Takashi Oguchi
- P3-35 Ecological Change Analysis of Lanzhou City Based on Remote Sensing Ecological Index**
Huang Yu Han, Yan Hao Wen
- P3-36 Robustness assessment of China's high-speed railway transportation network**
Zhuo Wang, Haowen Yan, Yuhua Huang, Yazhen Li
- P3-37 Ponds of landuse in Yangmei District and Pingzhen District, Taoyuan city, Taiwan**
Tzu Hui Lin
- P3-38 Simulating impact of over-grazing on grassland degradation using GIS: a case study in the Heihe River Basin, China**
Bingyu Wang, Takashi Oguchi, Lin Zhang
- P3-39 Spatial Patterns of Urban Expansion in Chinese Cities**
Jing Yao, Ya Ping Wang, Xiaoxiang Zhang
- P3-40 Disaster risk assessment for urban areas: A GIS flood risk analysis for Luján City (Argentina).**
Ignacio Agustin Gatti, Takashi Oguchi
- P3-41 Geomorphological analysis of wetland distribution on various spatial scales**
Natsuki Sasaki, Toshihiko Sugai
- P3-42 A practice of information processing by rearranging matrix of Jacques Bertin - application of diagram in environmental color workshop -**
Qifan Huang, Akiyo Kobayashi

Fri 19th July

Poster Session P4

Datetime: Fri 19th July 8:30-18:00

Room: Jupiter(Miraikan)

P4-01 Curve Generalization Method Based on Area of Bends Classification with Head/tail Breaks

Hangyu Wang, Haowen Yan

P4-02 Quality assessment of topographic data automatic map generalization from scale 1:10 000 to 1:50 000

Luo Fu Jun, Zhao You Song, Ma Xu, Wu Xuan

P4-03 Deriving Multiple Representation Database: A Model Generalisation Approach

Jagadish Boodala, Onkar Dikshit, Nagarajan Balasubramanian

P4-04 Incremental Updating Information Extraction and Topology Conflict Detection Method for Updating Road Network

Jianchen Zhang, Heying Li

P4-05 Proposition of a Schematization Plugin for QGIS

Luciene Stamato Delazari, Isadora Barioni

P4-06 Spatial Analysis to Identify Factors Affecting Residential Land Prices in Disaster Areas

Keiko Inagaki, Satoru Sadohara

P4-07 From walkability to bikeability: A GIS based analysis of integrating bike sharing service in Tokyo TOD system

Tianqi Xia, Xiaoya Song, Xuan Song, Min Lu, Shuzhe Huang, Ryosuke Shibasaki, Kyoung-Sook Kim

P4-08 Design of cooperative update mechanism of national geographic conditions monitoring and basic surveying and mapping

Luo Fu Jun, Zhao You Song

P4-09 LevelFilesSet: An efficient Data Structure for Scalable Web Tiled Map Management Systems

Menelaos Kotsollaris, William Liu, Emmanuel Stefanakis, Yun Zhang

P4-10 Rapid Mapping for German Federal Authorities

Karsten Schmidt, Marian Graumann, Joachim Bobrich

P4-11 Research on Event-based Geospatial Data Updating

Zhao Zhou

P4-12 The evolution of spatial structure of China railway network in the past century

Yalan Bai

P4-13 Map Production Supporting Activities of Digitalization and AI

Markus Jobst, Georg Gartner

P4-14 The definition of scale series for atlas maps depending on the density of mapped objects

Gleb Igorevich Zagrebin, Sergey Anatolyevich Krylov

P4-15 Research and implementation of big data visualization based on WebGIS

Lu Wen Juan, Aiguo Liu, Chengcheng Zhang

P4-16 Visual analysis of ICC themes and topics from 2009 to 2019

Li Jing, Liu Hai Yan, Kang Lei

P4-17 table cartogram generation as an optimization problem

Mao Li

P4-18 Mapping urban greenery to create the optimal cooling effect model against solar radiation under the conditions of a smart city

Vladimír Sedlák, Katarína Onačillová, Michal Gallay, Jaroslav Hofierka, Ján Kaňuk, Ján Šašák, Jozef Šupinský

P4-19 Social climate of cities as a factor of economic growth (on the example of the city of Kerch)

Alexander Borisovich Zaitsev

P4-20 Mapping the hot and cold spots of spatial change in Tokyo following the bubble economy period

Ryo Koizumi, Yoshiki Wakabayashi

P4-21 Mapping Gentrification in Little Tokyo, Los Angeles: Using Geographic Information System (GIS) Analytical Tools

Saki Nakashima

P4-22 Automated Extraction of Driving Lines from Mobile Laser Scanning Point Clouds

Lingfei Ma, Tianyu Wu, Ying Li, Jonathan Li, Yiping Chen, Michael Champan

P4-22 A Study on the Distribution of Foreign-Female-Isolated Areas in Japan

Kohei Okamoto, Masatoshi Morita

P4-23 Los Angeles Homelessness and the Access to Water, Sanitation, and Hygiene (WaSH)

Lourdes Johanna Avelar, Yao-Yi Chiang, Robert O. Vos, Jose Rico, Yanyi Qian, Xiaozhe Yin, Kate Vavra-Musser

P4-24 Effect of Land tenure change on Land use in Machakos County, Kenya

Mary Wamuyu Baaru, Charles Karanja Gachene

P4-25 A frequency-drift compensated closed-form solution for stereo RGB-D mapping

Shengjun Tang, Weixi Wang, Xiaoming Li, Zhilu Yuan

P4-26 Mapping of reforestation progress in Chilean National Park Torres del Paine

Italo Marquez, Guido Staub

P4-27 Mapping of the maritime jurisdiction for Arctic Navigation

Haiyan Liu, Xiaoping Pang

P4-28 Surface and Volume Variation Determination of Laguna de Laja (Chile) since 2007

Esteban Fernandez, Guido Staub

P4-29 Utilizing the Road Mark Training Set from Ground-Based Mapping System to Airborne Imagery in Deep Learning Framework

Tee-Ann Teo

P4-30 Applicability of KOMPSAT Image Data in Open Data Cube

Kwangseob Kim, Kiwon Lee

P4-31 There is no Kashubia without Kashubians - maps as sources in historical research of folk culture

Agnieszka Malek

P4-32 Map Usage on Smartphones and Acquisition of Spatial Knowledge

Noriko Shingaki

P4-33 The Spatial-temporal Variation of Precipitation and Temperature in Xinjiang in Recent 50 Years

Wang Yu Zhu, Yan Hao Wen, Wang Xiao Ping, Wang Zhuo -