

Volumes

Volume XLII-2/W11, 2019

GEORES 2019

2nd International Conference of Geomatics and Restoration (Volume XLII-2/W11)

8–10 May 2019, Milan, Italy

Editor(s): R. Brumana, V. Pracchi, F. Rinaudo, A. Grimoldi, M. Scaioni, M. Previtali, and L. Cantini

[Author index](#) [Keyword index](#)

04 May 2019

PREFACE: GEOMATICS AND RESTORATION. CULTURAL HERITAGE: CHALLENGES, NEW PERSPECTIVES AND TECHNOLOGY INNOVATION. TOWARD INFORMATIVE CONTENT MODELS AND BEYOND

R. Brumana, V. Pracchi, F. Rinaudo, A. Grimoldi, M. Scaioni, L. Cantini, and M. Previtali

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 1-2, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-1-2019>, 2019

04 May 2019

KEYNOTE: USING THE GETTY VOCABULARIES TO CONNECT RESOURCES IN A LINKED AND OPEN WORLD: GROWING POTENTIAL THROUGH CONTRIBUTIONS

J. Cobb

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 3-4, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-3-2019>, 2019

04 May 2019

KEYNOTE: THE BIOGRAPHY OF OBJECTS

C. Greco

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 5-10, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-5-2019>, 2019

04 May 2019

PROSPECTIVE UPON MULTI-SOURCE URBAN SCALE DATA FOR 3D DOCUMENTATION AND MONITORING OF URBAN LEGACIES

E. Abbate, G. Sammartano, and A. Spanò

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 11-19, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-11-2019>, 2019

04 May 2019

INNOVATIVE TOOLS FOR MANAGING HISTORICAL BUILDINGS: THE USE OF GEOGRAPHIC INFORMATION SYSTEM AND ONTOLOGIES FOR HISTORICAL CENTERS

M. Acierno and D. Fiorani

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 21-27, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-21-2019>, 2019

04 May 2019

GEOMETRIC SURVEY DATA AND HISTORICAL SOURCES INTERPRETATION FOR HBIM PROCESS: THE CASE OF MANTUA CATHEDRAL FAÇADE

A. Adami, L. Fregonese, O. Rosignoli, B. Scala, L. Taffurelli, and D. Treccani

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 29-35, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-29-2019>, 2019

04 May 2019

THREE-DIMENSIONAL SURVEY OF GUATTARI CAVE WITH TRADITIONAL AND MOBILE PHONE CAMERAS

L. Alessandri, V. Baiocchi, S. Del Pizzo, F. Di Ciaccio, M. Onori, M. F. Rolfo, and S. Troisi

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 37-41, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-37-2019>, 2019

04 May 2019

THE USE OF NEW TECHNOLOGIES IN THE RESTORATION AND CONSERVATION OF BUILT CULTURAL HERITAGE/ THE CASE OF THE STATUE OF FOUARA, SETIF, ALGERIA

N. Ali Khodja, H. Zeghlache, F. Benali, and O. Guani

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 43-46, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-43-2019>, 2019

04 May 2019

ALBA FUCENS ARCHAEOLOGICAL SITE: MULTISCALE AND MULTIDISCIPLINARY APPROACH FOR RISK ASSESSMENT AND CONSERVATION

M. Alicandro, E. Candigliota, D. Dominici, F. Immordino, R. Quaresima, and S. Zollini

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 47-53, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-47-2019>, 2019

04 May 2019

UAV PHOTOGRAMMETRY FOR RESILIENCE MANAGEMENT IN RECONSTRUCTION PLAN OF URBAN HISTORICAL CENTRES AFTER SEISMIC EVENTS. A CASE STUDY

M. Alicandro and M. Rotilio

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 55-61, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-55-2019>, 2019

04 May 2019

ADVANCED GEOMATICS AND CONSERVATION MANAGEMENT PLAN FOR PRESERVING 20th CENTURY ARCHITECTURAL HERITAGE

F. Allegretti, D. Del Curto, and S. Mazza

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 63-70, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-63-2019>, 2019

04 May 2019

GEOREFERENCING AND REPROJECTION ERROR INVESTIGATION ON IMAGE BASED 3D DIGITIZATION AND MAPPING OF HISTORICAL BUILDINGS

C. Altuntas

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 71-75, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-71-2019>, 2019

04 May 2019

PHOTOGRAMMETRIC WIREFRAME AND DENSE POINT CLOUD 3D MODELLING OF HISTORICAL STRUCTURES: THE STUDY OF SULTAN SELIM MOSQUE AND YUSUF AGA LIBRARY IN KONYA, TURKEY

C. Altuntas, S. Mert, G. Yaman, Y. Cengiz, and M. Sonmez

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 77-82, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-77-2019>, 2019

04 May 2019

DIGITAL MODELLING AND ANALYSIS OF MASONRY VAULTS

G. Angjeliu, G. Cardani, and D. Coronelli

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 83-89, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-83-2019>, 2019

04 May 2019

MANAGING CULTURAL HERITAGE WITH INTEGRATED SERVICES PLATFORM

F. I. Apollonio, M. Gaiari, and S. Bertacchi

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 91-98, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-91-2019>, 2019

04 May 2019

A GIS TOOL FOR THE MANAGEMENT OF SEISMIC EMERGENCIES IN HISTORICAL CENTERS: HOW TO CHOOSE THE OPTIMAL ROUTES FOR CIVIL PROTECTION INTERVENTIONS

S. Artese and V. Achilli

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 99-106, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-99-2019>, 2019

04 May 2019

THE HBIM ANALYSIS OF THE GEOMETRY TO UNDERSTAND THE CONSTRUCTIVE TECHNIQUE: THE USE OF THE TROMPE VOLUME IN A BRICK VAULT

D. Attico, A. Turrina, F. Banfi, A. Grimoldi, A. Landi, P. Condoleo, and R. Brumana

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 107-114, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-107-2019>, 2019

04 May 2019

DIAGNOSIS PROCESSES FOR DESERT ROSE DOMES OF THE SOUF REGION IN ALGERIA

C. Azil, B. Djebri, and L. Rovero

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 115-119, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-115-2019>, 2019

04 May 2019

HBIM METHODOLOGIES FOR THE ARCHITECTURAL RESTORATION. THE CASE OF THE EX-CHURCH OF SAN QUIRICO ALL'OLIVO IN LUCCA, TUSCANY

G. Bacci, F. Bertolini, M. G. Bevilacqua, G. Caroti, I. Martínez-Espejo Zaragoza, M. Martino, and A. Piemonte
Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 121-126, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-121-2019>, 2019

04 May 2019

RECONSTRUCTION OF HISTORICAL GEODETIC SYSTEMS FOR THEIR IMPLEMENTATION IN REPROJECTION ALGORITHMS

V. Baiocchi, M. Deligios, F. Giannone, and G. Timar

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 127-131, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-127-2019>, 2019

04 May 2019

GEOMATICS TECHNIQUES FOR THE ENHANCEMENT AND PRESERVATION OF CULTURAL HERITAGE

C. Balletti, B. Bertellini, C. Gottardi, and F. Guerra

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 133-140, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-133-2019>, 2019

04 May 2019

THE INTEGRATION OF A SCAN-TO-HBIM PROCESS IN BIM APPLICATION: THE DEVELOPMENT OF AN ADD-IN TO GUIDE USERS IN AUTODESK REVIT

F. Banfi

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 141-148, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-141-2019>, 2019

04 May 2019

GENERATIVE MODELING, VIRTUAL REALITY AND HBIM INTERACTION: IMMERSIVE ENVIRONMENT FOR BUILT HERITAGE: CASE STUDY OF SHAIKH ISA BIN ALI HOUSE, BAHRAIN

F. Banfi, R. Brumana, A. Aljishi, N. Al Sayeh, M. Santana Quintero, B. Cuca, D. Oreni, and C. Midali

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 149-157, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-149-2019>, 2019

04 May 2019

A CONTENT-BASED IMMERSIVE EXPERIENCE OF BASILICA OF SANT'AMBROGIO IN MILAN: FROM 3D SURVEY TO VIRTUAL REALITY

F. Banfi, R. Brumana, and C. Stanga

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 159-166, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-159-2019>, 2019

04 May 2019

DOCUMENTING THE CONSERVATIVE EVOLUTION OF THE CITY WALLS THANKS TO THE INTEGRATION OF DIGITAL SYSTEMS OF VARIOUS TYPOLOGIES. THE CASE STUDY OF VALBONA GATE

L. Baratin, A. Cattaneo, F. Gasparetto, E. Moretti, and S. Lonati

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 167-172, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-167-2019>, 2019

04 May 2019

THE USE OF TERRESTRIAL LASER SCANNING TECHNIQUES TO EVALUATE INDUSTRIAL MASONRY CHIMNEY VERTICALITY

L. Barazzetti, M. Previtali, and F. Roncoroni

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 173-178, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-173-2019>, 2019

04 May 2019

COMPARISON OF UAVS PERFORMANCE FOR A ROMAN AMPHITHEATRE SURVEY: THE CASE OF AVELLA (ITALY)

S. Barba, M. Barbarella, A. Di Benedetto, M. Fiani, and M. Limongiello

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 179-186, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-179-2019>, 2019

04 May 2019

POINT CLOUD SEGMENTATION USING IMAGE PROCESSING TECHNIQUES FOR STRUCTURAL ANALYSIS

V. Barrile, G. Candela, and A. Fotia

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 187-193, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-187-2019>, 2019

04 May 2019

INTEGRATION OF 3D MODEL FROM UAV SURVEY IN BIM ENVIRONMENT

V. Barrile, A. Fotia, G. Candela, and E. Bernardo

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 195-199, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-195-2019>, 2019

04 May 2019

A COMBINED STUDY OF ART WORKS PRESERVED IN THE ARCHAEOLOGICAL MUSEUMS: 3D SURVEY, SPECTROSCOPIC APPROACH AND AUGMENTED REALITY

V. Barrile, A. Fotia, R. Ponterio, V. Mollica Nardo, D. Giuffrida, and M. A. Mastelloni

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 201-207, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-201-2019>, 2019

04 May 2019

CULTURAL HERITAGE MONITORING BY LOW-COST GNSS RECEIVERS: A FEASIBILITY STUDY FOR SAN GAUDENZIO'S CUPOLA, NOVARA

R. Barzaghi, M. Reguzzoni, C. I. De Gaetani, S. Caldera, and L. Rossi

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 209-216, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-209-2019>, 2019

04 May 2019

3D DIGITAL AND PHYSICAL RECONSTRUCTION OF A COLLAPSED DOME USING SFM TECHNIQUES FROM HISTORICAL IMAGES

C. Beltrami, D. Cavezzali, F. Chiabrando, A. Iaccarino Idelson, G. Patrucco, and F. Rinaudo

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 217-224, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-217-2019>, 2019

04 May 2019

EVALUATION OF AN INTEGRATIVE APPROACH BETWEEN HBIM AND ARCHITECTURE HISTORY

S. Beltramo, F. Diara, and F. Rinaudo

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 225-229, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-225-2019>, 2019

04 May 2019

EXAMINING THE ORIGIN OF FLOWERPOT MOTIFS IN THE BUILDINGS OF QAJAR ERA

T. Benisi and F. Zarezadeh

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 231-238, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-231-2019>, 2019

04 May 2019

THE GAMHER RESEARCH PROJECT FOR METRIC DOCUMENTATION OF CULTURAL HERITAGE: CURRENT DEVELOPMENTS

G. Bitelli, C. Balletti, R. Brumana, L. Barazzetti, M. G. D'Urso, F. Rinaudo, and G. Tucci

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 239-246, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-239-2019>, 2019

04 May 2019

FORGOTTEN ARCHITECTURE: SMART TOOLS FOR CULTURAL TOURISM IN THE CLOISTER OF THE PRIOR (SANTA MARIA DELLE GRAZIE, MILAN)

C. Bolognesi and D. Aiello

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 247-253, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-247-2019>, 2019

04 May 2019

REVEALING THE EVERYDAY LANDSCAPE: INNOVATIVE SYSTEMS FOR HERITAGE EDUCATION IN SCHOOLS. THE SCAR (SCHOOL ACTIVATES RESOURCES) PROJECT

B. Bonfantini, C. Casonato, D. Villa, N. Di Blas, V. Pracchi, and M. Vedoà

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 255-261, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-255-2019>, 2019

04 May 2019

THE BENEFICIAL ROLE OF SURVEYS IN THE INVESTMENT ANALYSIS FOR PUBLIC BUILT CULTURAL HERITAGE CONCESSIONS

C. Boniotti

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 263-267, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-263-2019>, 2019

04 May 2019

ENVIRONMENTAL MICROCLIMATE MANAGEMENT AND RISK IN THE UNESCO WORLD HERITAGE SITE OF VILLA BARBARO MASER (ITALY)

A. Bonora, K. Fabbri, and M. Pretelli

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 269-276, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-269-2019>, 2019

04 May 2019

MAPPING EVOLVING HISTORICAL LANDSCAPE SYSTEMS

P. Branduini, R. Lavisio, A. L'Erario, and F. C. Toso

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 277-284, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-277-2019>, 2019

04 May 2019

LE CORBUSIER'S APARTMENT-STUDIO : 3D MODEL DATA OF PRELIMINARY RESEARCH FOR THE RESTORATION

M. Bruez, B. Gandini, and D. Groux

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 285-291, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-285-2019>, 2019

04 May 2019

HBIM LEVEL OF DETAIL-GEOMETRY-ACCURACY AND SURVEY ANALYSIS FOR ARCHITECTURAL PRESERVATION

R. Brumana, F. Banfi, L. Cantini, M. Previtali, and S. Della Torre

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 293-299, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-293-2019>, 2019

04 May 2019

TOWARDS A SEMANTIC BASED HUB PLATFORM OF VAULTED SYSTEMS: HBIM MEETS A GEODB

R. Brumana, P. Condoleo, A. Grimoldi, and M. Previtali

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 301-308, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-301-2019>, 2019

04 May 2019

HOLISTIC HERITAGE BUILDING INFORMATION MODELLING (HHBIM): FROM NODES TO HUB NETWORKING, VOCABULARIES AND REPOSITORIES

R. Brumana, M. Ioannides, and M. Previtali

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 309-316, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-309-2019>, 2019

04 May 2019

HISTORY, GEOMETRY, STRUCTURE: INTERDISCIPLINARY ANALYSIS OF A HISTORICAL BRIDGE

N. Bruno, E. Coisson, F. Diotri, L. Ferrari, S. Mikolajewska, U. Morra di Cella, R. Roncella, and A. Zerbi

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 317-323, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-317-2019>, 2019

04 May 2019

DIGITAL STORAGE AND THE DATA COLLECTION FOR THE SEISMIC PREVENTION: A COMPARISON FROM THE ITALIAN RECENT EXPERIENCES

E. Brusa

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 325-329, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-325-2019>, 2019

04 May 2019

BUILDING SURVEY AND ENERGY MODELLING: AN INNOVATIVE RESTORATION PROJECT FOR CASA DEL FASCIO IN COMO

A. Buda and S. Mauri

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 331-338, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-331-2019>, 2019

04 May 2019

INTEGRATED KNOWLEDGE ON A THREE-DIMENSIONAL BASIS: THE FOUNDATION OF THE CONSERVATION PROJECT AND POSSIBLE IMPLICATIONS IN THE BIM AREA THE CASE OF THE PORTRAIT ROOM OF PALAZZO BOREA D'OLMO IN SANREMO

C. Campanella, S. Alauria, and L. Amatori

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 339-344, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-339-2019>, 2019

04 May 2019

3D INTEGRATED SURVEYS AND STRATIGRAPHIC METHODS FOR A DEEPER UNDERSTANDING OF HISTORICAL BUILDINGS. A CASE-STUDY OF THE FRANCISCAN MONASTERY AND THE IMMACOLATA CHURCH IN TROINA, SICILY

M. T. Campisi, S. Giuliano, and M. Liuzzo

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 345-352, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-345-2019>, 2019

04 May 2019

EVALUATION OF THE PRESERVATION STATE OF HISTORICAL PENINSULA IN ISTANBUL BASED ON GEOSPATIAL DATA

Y. Can, S. Tura, and E. Kudde

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 353-357, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-353-2019>, 2019

04 May 2019

THE MENSIOCHRONOLOGY ANALYSIS SUPPORTED BY NEW ADVANCED SURVEY TECHNIQUES: FIELD TESTS IN MILANESE AREA

L. Cantini, M. Previtali, R. Mioili, and S. Della Torre

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 359-365, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-359-2019>, 2019

04 May 2019

MERGING PHOTOGRAMMETRY AND AUGMENTED REALITY: THE CANADIAN LIBRARY OF PARLIAMENT

B. Carrión-Ruiz, S. Blanco-Pons, A. Weigert, S. Fai, and J. L. Lerma

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 367-371, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-367-2019>, 2019

04 May 2019

COMPARING INNOVATIVE XR SYSTEMS IN CULTURAL HERITAGE. A CASE STUDY

M. Carrozzino, G.-D. Voinea, M. Duguleană, R. G. Boboc, and M. Bergamasco

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 373-378, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-373-2019>, 2019

04 May 2019

RESIDENTIAL BUILDINGS BY GIUSEPPE TERRAGNI IN COMO: PROPOSALS FOR INTEGRATION BETWEEN RESEARCH, COMMUNICATION AND VALORISATION OF HERITAGE

M. Casanova and A. Greppi

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 379-385, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-379-2019>, 2019

04 May 2019

A GEO-REFERENCED DATABASE TO MANAGE THE LANDSCAPE AREAS UNDER PRESERVATION IN LOMBARDY REGION

A. Cazzani, M. Aresi, S. Coloru, and D. Giannoccaro

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 387-394, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-387-2019>, 2019

04 May 2019

THE GEO-REFERENCED XIX CENTURY CARTOGRAPHY: AN ANALYSIS TOOL AND A PROJECT REFERENCE FOR THE PRESERVATION AND MANAGEMENT OF BUILT AND LANDSCAPE HERITAGE

A. Cazzani, R. Brumana, and C. M. Zerbi

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 395-402, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-395-2019>, 2019

04 May 2019

ANCIENT MINING LANDSCAPES AND HABITATIVE SCENERIES IN THE URBAN AREA OF CENTOCELLE: GEOMATIC APPLICATIONS FOR THEIR IDENTIFICATION, MEASUREMENT, DOCUMENTATION AND MONITORING

A. Celauro, M. A. Marsella, P. J. V. D'Aranno, A. Maass, J. A. Palenzuela Baena, J. F. Guerrero Tello, and I. Moriero

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 403-410, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-403-2019>, 2019

04 May 2019

BEST BEFORE? ADVANCED GEOMATICS FOR PRESERVATION AND PRESERVATION OF ADVANCED GEOMATICS

S. Celli and D. Del Curto

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 411-417, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-411-2019>, 2019

04 May 2019

THE EVOLUTION OF MODELLING PRACTICES ON CANADA'S PARLIAMENT HILL: AN ANALYSIS OF THREE SIGNIFICANT HERITAGE BUILDING INFORMATION MODELS (HBIM)

L. Chow, K. Graham, T. Grunt, M. Gallant, J. Rafeiro, and S. Fai

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 419-426, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-419-2019>, 2019

04 May 2019

AN OPTIMISED WORKFLOW FOR THE INTERACTIVE EXPERIENCE WITH CULTURAL HERITAGE THROUGH REALITY-BASED 3D MODELS: CASES STUDY IN ARCHAEOLOGICAL AND URBAN COMPLEXES

L. Cipriani, S. Bertacchi, and G. Bertacchi

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 427-434, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-427-2019>, 2019

04 May 2019

AN INFORMATIVE CONTENT 3D MODEL FOR THE HALL HOLDING THE RESURRECTION OF CHRIST BY PIERO DELLA FRANCESCA MURAL PAINTING AT SANSEPOLCRO, ITALY

M. Coi, A. L. Ciuffreda, and M. Micheloni

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 435-442, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-435-2019>, 2019

04 May 2019

BENCHMARK OF METRIC QUALITY ASSESSMENT IN PHOTOGRAMMETRIC RECONSTRUCTION FOR HISTORICAL FILM FOOTAGE

F. Condorelli and F. Rinaudo

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 443-448, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-443-2019>, 2019

04 May 2019

STRUCTURAL REHABILITATION AND REAL TIME MONITORING OF THE "PONTE DELLE GRAZIE" BRIDGE IN FAENZA, ITALY

G. Corsi, F. Frediani, M. La Monica, M. Lapi, L. Miccinesi, M. Micheloni, and M. Pieraccini

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 449-453, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-449-2019>, 2019

04 May 2019

INTEGRATED SURVEY FOR TENSIONAL ANALYSIS OF THE VAULT OF THE CHURCH OF SAN NICOLA IN MONTEORO

D. Costantino, M. Carrieri, A. Restuccia Garofalo, M. G. Angelini, V. Baiocchi, and A. M. Bogdan

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 455-460, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-455-2019>, 2019

04 May 2019

REMOTE SENSING TECHNOLOGIES FOR LINEAR INFRASTRUCTURE MONITORING

P. D'Aranno, A. Di Benedetto, M. Fiani, and M. Marsella

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 461-468, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-461-2019>, 2019

04 May 2019

A WORKFLOW FOR GEOMETRIC COLOUR PHOTOGRAPHY OF PAINTED SURFACES

A. Dhanda, G. Scarpa, S. Fai, and M. Santana Quintero

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 469-474, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-469-2019>, 2019

04 May 2019

REPRESENTATION AND DIGITALIZATION OF STONE THEATRES IN EASTERN SICILY: THE PALAZZOLO ACREIDE THEATER

G. Di Gregorio

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 475-479, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-475-2019>, 2019

04 May 2019

THE FACADE'S DOME OF THE ST. ANTHONY'S BASILICA IN PADUA

M. Diaz and S. M. Holzer

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 481-487, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-481-2019>, 2019

04 May 2019

SCAN PLANNING OPTIMIZATION FOR OUTDOOR ARCHAEOLOGICAL SITES

L. Díaz-Vilariño, E. Frías, M. Previtali, M. Scaioni, and J. Balado

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 489-494, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-489-2019>, 2019

04 May 2019

UAV SURVEY FOR THE ARCHAEOLOGICAL MAP OF LILYBAEUM (MARSALA, ITALY)

D. Ebolese, M. Lo Brutto, and G. Dardanelli

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 495-502, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-495-2019>, 2019

04 May 2019

DISCOVERING AND COMMUNICATING THE RATIONALIST ARCHITECTURE OF FORLÌ. AN INTEGRATED PROCESS

G. Favaretto, M. Pretelli, and A. Zampini

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 503-509, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-503-2019>, 2019

04 May 2019

SURVEY AND VIRTUAL RECONSTRUCTION OF ANCIENT ROMAN FLOORS IN AN ARCHAEOLOGICAL CONTEXT

L. Fazio, M. Lo Brutto, and G. Dardanelli

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 511-518, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-511-2019>, 2019

04 May 2019

NETWORK THROUGH CENTURIES: FROM THE BYZANTINE ERA TO PRESENT DAYS

E. Fioretto

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 519-524, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-519-2019>, 2019

04 May 2019

GEOMATICS AND ARCHAOMETRIC INVESTIGATIONS FOR THE SUSTAINABLE REUSE OF RUINS. THE SANTA CHIARA CONVENT RUIN IN CAGLIARI (SARDINIA)

D. R. Fiorino, S. M. Grillo, E. Pilia, and G. Vacca

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 525-532, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-525-2019>, 2019

04 May 2019

MAGO: A NEW APPROACH FOR ORTHOPHOTOS PRODUCTION BASED ON ADAPTIVE MESH RECONSTRUCTION

S. Gagliolo, B. Federici, I. Ferrando, and D. Sguerso

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 533-538, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-533-2019>, 2019

04 May 2019

EVALUATING SMARTPHONES COLOR FIDELITY AND METRIC ACCURACY FOR THE 3D DOCUMENTATION OF SMALL ARTIFACTS

M. Gaiani, F. I. Apollonio, and F. Fantini

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 539-547, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-539-2019>, 2019

04 May 2019

LIDAR, TERRITORY AND ARCHAEOLOGICAL AREAS: NEW RESULTS AND PERSPECTIVES FOR THE KNOWLEDGE, ANALYSIS AND PRESERVATION OF COMPLEX CONTEXTS

A. Garzullino

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 549-555, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-549-2019>, 2019

04 May 2019

PHOTOGRAMMETRY: METHODS OF SURVEY AND APPLICATIONS ON RESTORATION WORKS

S. M. Genin

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 557-564, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-557-2019>, 2019

04 May 2019

INTEGRATED APPROACH COMBINING DIRECT SURVEY AND OBSERVATION IN DAMAGE ANALYSIS IN CASE OF SOIL SETTLEMENT

M. C. Giangregorio, N. Cortinovis, G. Cardani, and D. Coronelli

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 565-572, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-565-2019>, 2019

04 May 2019

HIGH RESOLUTION 3D ACQUISITION AND MODELLING IN CULTURAL HERITAGE KNOWLEDGE AND RESTORATION PROJECTS: THE SURVEY OF THE FOUNTAIN OF NEPTUNE IN BOLOGNA

V. A. Girelli, M. A. Tini, M. Dellapasqua, and G. Bitelli

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 573-578, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-573-2019>, 2019

04 May 2019

INTEGRATED STUDY OF THE BEATA VERGINE ASSUNTA DOME WITH STRUCTURE FROM MOTION AND DIAGNOSTIC APPROACHES

S. M. Grillo, E. Pilia, and G. Vacca

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 579-585, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-579-2019>, 2019

04 May 2019

THE "CARA VALLE" ABBEY AND ITS REFECTORY

G. Guarisco and D. Oreni

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 587-594, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-587-2019>, 2019

04 May 2019

BUILT ENVIRONMENT: MODELLING THE URBAN SPACE

F. Guzzetti, K. L. N. Anyabolu, L. D'Ambrosio, and G. Marchetti

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 595-600, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-595-2019>, 2019

04 May 2019

USING GEOMATICS TO UNDERSTAND AND VALORIZE HERITAGE, THREE DIFFERENT CONTEXTS OF STUDY: SYRIA, ITALY, AND FRANCE

E. E. K. Hanna and A. Paonessa

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 601-608, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-601-2019>, 2019

04 May 2019

URBAN HERITAGE MONITORING, USING IMAGE PROCESSING TECHNIQUES AND DATA COLLECTION WITH TERRESTRIAL LASER SCANNER (TLS), CASE STUDY CUENCA - ECUADOR

V. Heras, E. Sinchi, J. Briones, and L. Lupercio

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 609-613, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-609-2019>, 2019

04 May 2019

INTERPRETATION OF THE FUNCTION OF THE OBELISK OF AUGUSTUS IN ROME FROM ANTIQUE TEXTS TO PRESENT TIME VIRTUAL RECONSTRUCTION

M. Hiermanseder

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 615-622, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-615-2019>, 2019

04 May 2019

LASER AND MULTI-IMAGE REVERSE ENGINEERING SYSTEMS FOR ACCURATE 3D MODELLING OF COMPLEX CULTURAL ARTEFACTS

C. Ioannidis, G. Piniotis, S. Soile, F. Bourexis, A.-M. Boutsis, R. Chliverou, and M. Tsakiri

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 623-629, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-623-2019>, 2019

04 May 2019

A PHOTOGRAMMETRIC WORKFLOW FOR RAPID SITE DOCUMENTATION AT STOBI, REPUBLIC OF NORTH MACEDONIA

K. Jones and G. Bevan

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 631-638, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-631-2019>, 2019

04 May 2019

BUILDING ASSESSMENT USING SHADOW ANALYSIS FOR THE ARCHITECTURAL DOCUMENTATION

N. Kadhim and N. Kadhim

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 639-644, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-639-2019>, 2019

04 May 2019

RAPID 3D DIGITALIZATION OF THE CULTURAL HERITAGE: A CASE STUDY ON ISTANBUL SULEYMANIYE SOCIAL COMPLEX (KULLİYE)

T. Kan, G. Buyuksalih, G. Enc Ozkan, and P. Baskaraca

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 645-652, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-645-2019>, 2019

04 May 2019

SUSTAINABLE LAND USE EVALUATION BASED ON PRESERVATIVE APPROACH

S. Khademi, M. Norouzi, and M. Hashemi

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 653-660, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-653-2019>, 2019

04 May 2019

H-BIM AND THE DOMAINS OF DATA INVESTIGATIONS OF HERITAGE BUILDINGS CURRENT STATE OF THE ART

A. Khalil and S. Stravoravdis

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 661-667, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-661-2019>, 2019

04 May 2019

EXTRACTION AND VISUALIZATION OF 3D BUILDING MODELS IN URBAN AREAS FOR FLOOD SIMULATION

C. E. Kilsedar, F. Fissore, F. Pirotti, and M. A. Brovelli

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 669-673, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-669-2019>, 2019

04 May 2019

TOWARDS BUILDING A SEMANTIC FORMALIZATION OF (SMALL) HISTORICAL CENTRES

M. Kokla, M. A. Mostafavi, F. Noardo, and A. Spanò

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 675-683, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-675-2019>, 2019

04 May 2019

MANAGEMENT OF 20TH CENTURY HYDROELECTRIC PLANTS AS INDUSTRIAL HERITAGE

N. Kuban, I. T. Güven, and M. Pretelli

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 685-692, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-685-2019>, 2019

04 May 2019

INVENTORY PROJECT FOR THE CULTURAL ASSETS OF ISTANBUL: A MODEL FOR DIGITIZATION OF CULTURAL HERITAGE

E. Kudde, I. Erdogan, and I. Ilize

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 693-697, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-693-2019>, 2019

04 May 2019

3D HIGH-QUALITY MODELING OF SMALL AND COMPLEX ARCHAEOLOGICAL INSCRIBED OBJECTS: RELEVANT ISSUES AND PROPOSED METHODOLOGY

L. Lastilla, R. Ravanelli, and S. Ferrara

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 699-706, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-699-2019>, 2019

04 May 2019

TECHNOLOGY 4.0 FOR BUILDINGS MANAGEMENT: FROM BUILDING SITE TO THE INTERACTIVE BUILDING BOOK

E. Laurini, M. Rotilio, M. Lucarelli, and P. De Berardinis

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 707-714, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-707-2019>, 2019

04 May 2019

EXPERIENCING HERITAGE DYNAMIC THROUGH VISUALIZATION

N. Lecci, F. Prodi, F. Trovatelli, and A. Vezzi

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 715-719, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-715-2019>, 2019

04 May 2019

RESEARCH ON NON-DESTRUCTIVE TESTING TECHNOLOGY IN RENOVATING PROJECTS OF MUKDEN PALACE

C. Li, J. Yang, X. Zhang, and M. Fu

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 721-726, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-721-2019>, 2019

04 May 2019

LIFECYCLE MANAGEMENT, MONITORING AND ASSESSMENT FOR SAFE LARGE-SCALE INFRASTRUCTURES: CHALLENGES AND NEEDS

M. P. Limongelli, M. Previtali, L. Cantini, S. Carosio, J. C. Matos, J. M. Isoird, H. Wenzel, and C. Pellegrino

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 727-734, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-727-2019>, 2019

04 May 2019

3D OBJECT RECONSTRUCTION IN A PRE-DIGITAL ERA: CASE STUDY IN THE HISTORY OF RESTORATION

A. Lobovikov-Katz

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 735-739, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-735-2019>, 2019

04 May 2019

VIRTUAL RESTITUTION OF THE PARIETAL DECORATION IN THE SALA DEL MOSAICO DE LOS AMORES. CASTULO ARCHAEOLOGICAL SITE (LINARES, SPAIN)

T. López-Martínez, B. Calvo-Bartolomé, and A. García-Bueno

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 741-745, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-741-2019>, 2019

04 May 2019

BEP & MAPPING PROCESS FOR THE RESTORATION BUILDING SITE

M. Lucarelli, E. Laurini, M. Rotilio, and P. De Berardinis

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 747-752, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-747-2019>, 2019

04 May 2019

COMBINATION OF TERRESTRIAL LASERSCANNING, UAV AND CLOSE-RANGE PHOTOGRAMMETRY FOR 3D RECONSTRUCTION OF COMPLEX CHURCHES IN GEORGIA

T. Luhmann, M. Chizhova, D. Gorkovchuk, H. Hastedt, N. Chachava, and N. Lekveishvili

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 753-761, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-753-2019>, 2019

04 May 2019

GEO-INFORMATION TECHNOLOGIES FOR A MULTIMODAL ACCESS ON HISTORICAL PHOTOGRAPHS AND MAPS FOR RESEARCH AND COMMUNICATION IN URBAN HISTORY

F. Maiwald, F. Henze, J. Bruschke, and F. Niebling

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 763-769, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-763-2019>, 2019

04 May 2019

A GEODATABASE FOR MULTISOURCE DATA MANAGEMENT APPLIED TO CULTURAL HERITAGE: THE CASE STUDY OF VILLA BUONACCORSI'S HISTORICAL GARDEN

E. S. Malinverni, S. Chiappini, and R. Pierdicca

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 771-776, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-771-2019>, 2019

04 May 2019

MODELLING IN HBIM TO DOCUMENT MATERIALS DECAY BY A THEMATIC MAPPING TO MANAGE THE CULTURAL HERITAGE: THE CASE OF "CHIESA DELLA PIETÀ" IN FERMO

E. S. Malinverni, F. Mariano, F. Di Stefano, L. Petetta, and F. Onori

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 777-784, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-777-2019>, 2019

04 May 2019

HOW TO EXTRACT USEFUL INFORMATION ABOUT THE DECAY OF BASS RELIEVES IN ARCHAEOLOGICAL AREA

E. S. Malinverni, R. Pierdicca, F. Di Stefano, M. Sturari, M. Mamei, E. Frontoni, R. Orazi, and F. Colosi

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 785-792, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-785-2019>, 2019

04 May 2019

INCLUSIVE CULTURAL HERITAGE SITES: ICT AS A TOOL TO SUPPORT THE DESIGN PROCESS AND SHARE KNOWLEDGE

S. Marconcini and V. Pracchi

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 793-800, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-793-2019>, 2019

04 May 2019

REALISTIC NATURAL INTERACTION WITH VIRTUAL STATUES IN X-REALITY ENVIRONMENTS

G. Margetis, G. Papagiannakis, and C. Stephanidis

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 801-808, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-801-2019>, 2019

04 May 2019

DATA OPTIMIZATION FOR 3D MODELING AND ANALYSIS OF A FORTRESS ARCHITECTURE

B. G. Marino, A. Masiero, F. Chiabrandò, A. M. Lingua, F. Fissore, W. Błaszczak-Bak, and A. Vettore

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 809-813, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-809-2019>, 2019

05 May 2019

DISCOVERING AND PRESERVING THE MILITARY LANDSCAPE. ICT FOR THE GERMAN BUNKERS OF THE GALLA PLACIDIA LINE

C. Mariotti, A. Ugolini, and A. Zampini

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 815-822, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-815-2019>, 2019

05 May 2019

LIDAR DATA ANALYSES FOR ASSESSING THE CONSERVATION STATUS OF THE SO-CALLED BATHS-CHURCH IN HIERAPOLIS OF PHRYGIA (TR)

C. Marson, G. Sammartano, A. Spanò, and M. R. Valluzzi

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 823-830, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-823-2019>, 2019

05 May 2019

TLS FOR DETECTING SMALL DAMAGES ON A BUILDING FAÇADE

A. Masiero and D. Costantino

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 831-836, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-831-2019>, 2019

05 May 2019

INITIAL EVALUATION OF THE POTENTIAL OF SMARTPHONE STEREO-VISION IN MUSEUM VISITS

A. Masiero, G. Tucci, A. Conti, L. Fiorini, and A. Vettore

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 837-842, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-837-2019>, 2019

05 May 2019

TERRESTRIAL LASER SCANNING AND DIGITAL PHOTOGRAMMETRY FOR HERITAGE CONSERVATION: CASE STUDY OF THE HISTORICAL WALLS OF LAGOS, PORTUGAL

L. Mateus, J. Fernández, V. Ferreira, C. Oliveira, J. Aguiar, A. S. Gago, P. Pacheco, and J. Pernão

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 843-847, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-843-2019>, 2019

05 May 2019

THE CATHEDRAL OF S. LORENZO IN PERUGIA AND THE HYPOGEAL SPACES. GEOMATIC TECHNIQUES FOR SPATIAL INVESTIGATIONS AIMED AT THE KNOWLEDGE AND INTERPRETATION OF THE ORIGIN OF THE TRANSEPT

P. Matracchi, F. Radicioni, A. Stoppini, and G. Tosi

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 849-856, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-849-2019>, 2019

05 May 2019

HBIM IN A SEMANTIC 3D GIS DATABASE

F. Matrone, E. Colucci, V. De Ruvo, A. Lingua, and A. Spanò

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 857-865, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-857-2019>, 2019

05 May 2019

FROM THE EXTRAORDINARY NATURE OF THE GREAT POMPEII PROJECT TO PLANNED CONSERVATION

A. Mauro

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 867-871, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-867-2019>, 2019

05 May 2019

PRESERVING THE VENETIAN FORTRESS OF BERGAMO: QUICK PHOTOGRAMMETRIC SURVEY FOR CONSERVATION PLANNING

G. Mirabella Roberti, V. M. Nannei, P. Azzola, and A. Cardaci

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 873-879, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-873-2019>, 2019

05 May 2019

DIGITAL DOCUMENTATION AND MONITORING HUB IN CLIMATE-SENSITIVE TERRITORIES: THE ALBENGA CASE STUDY (SAN CLEMENTE SITE)

T. Molnar, R. Brumana, M. Conventi, and M. Previtali

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 881-886, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-881-2019>, 2019

05 May 2019

VIRTUAL PAST. INTERACTIVE PRESENTATION OF LATE ROMAN TOWERS (ARCHAEOLOGICAL MUSEUM, MILAN ITALY)

S. Morandi and M. Tremari

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 887-893, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-887-2019>, 2019

05 May 2019

GEOMATICS IN BRIDGE STRUCTURAL HEALTH MONITORING, INTEGRATING TERRESTRIAL LASER SCANNING TECHNIQUES AND GEOTECHNICAL INSPECTIONS ON A HIGH VALUE CULTURAL HERITAGE

F. Mugnai, L. Lombardi, G. Tucci, M. Nocentini, G. Gigli, and R. Fanti

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 895-900, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-895-2019>, 2019

05 May 2019

AN INITIAL DESIGN FRAMEWORK FOR VIRTUAL HISTORIC DUBLIN

M. Murphy, S. Pavia, J. Cahill, S. Lenihan, and A. Corns

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 901-907, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-901-2019>, 2019

05 May 2019

INTEGRATED SURVEY TECHNIQUES: PRELIMINARY STUDIES FOR THE CONSERVATION OF VILLA GALVAGNINA

V. M. Nannei, P. M. Farina, G. Mirabella Roberti, and A. Sansonetti

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 909-916, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-909-2019>, 2019

05 May 2019

GREEN ARCHITECTURE AS AN EFFECTIVE STRATEGY TO PRESERVE CULTURE HERITAGE - SPECIAL MENTION "VANCOUVER CITY - CANADA"

T. I. Nasr ElDin and N. M. Rehan

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 917-922, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-917-2019>, 2019

05 May 2019

GEOMATIC TECHNIQUES FOR THE COLONNADE STRUCTURAL ANALYSIS OF THE HISTORICAL "CHIARAMONTE STER" BUILDING

P. Orlandi

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 923-928, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-923-2019>, 2019

05 May 2019

IMPACT OF VIRTUAL REALITY EXPERIENCE ON ACCESSIBILITY OF CULTURAL HERITAGE

A. Paladini, A. Dhanda, M. Reina Ortiz, A. Weigert, E. Nofal, A. Min, M. Gyi, S. Su, K. Van Balen, and M. Santana Quintero

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 929-936, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-929-2019>, 2019

05 May 2019

CULTURAL PROJECTS AND GEOMATIC SURVEYS FOR THE RESILIENCE OF SCHOOL HERITAGE

C. Palestini and A. Basso

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 937-944, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-937-2019>, 2019

05 May 2019

AERIAL PLATFORMS (UAV) SURVEYS IN THE VIS AND TIR RANGE. APPLICATIONS ON ARCHAEOLOGY AND AGRICULTURE

E. I. Parisi, M. Suma, A. Güleç Korumaz, E. Rosina, and G. Tucci

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 945-952, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-945-2019>, 2019

05 May 2019

MULTI-SOURCE APPROACHES FOR COMPLEX ARCHITECTURE DOCUMENTATION: THE "PALAZZO DUCALE" IN GUBBIO (PERUGIA, ITALY)

G. Patrucco, F. Rinaudo, and A. Spreafico

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 953-960, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-953-2019>, 2019

05 May 2019

SPECIFICITY OF HISTORICAL BUILDINGS AND BIM METHODOLOGIES. A FIRST EXPERIMENTATION FOR THE FEDERICO II HEADQUARTERS IN NAPLES

R. Picone and L. Veronese

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 961-968, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-961-2019>, 2019

05 May 2019

BIM PROCESS, ONTOLOGIES AND INTERCHANGE PLATFORM FOR CULTURAL ARCHITECTURAL HERITAGE MANAGEMENT: STATE OF ART AND DEVELOPMENT PERSPECTIVES

A. Pili

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 969-973, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-969-2019>, 2019

05 May 2019

DETECTION OF BUILDING ROOFS AND FACADES FROM AERIAL LASER SCANNING DATA USING DEEP LEARNING

F. Pirotti, C. Zanchetta, M. Previtali, and S. Della Torre

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 975-980, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-975-2019>, 2019

05 May 2019

ON THE RELATIONSHIP BETWEEN GEOMATICS AND CONSERVATION: LESSONS LEARNED FROM INTEGRATED RESTORATION LABORATORIES

V. Pracchi and L. Barazzetti

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 981-988, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-981-2019>, 2019

05 May 2019

ADVANCED 3D TECHNOLOGY IN SUPPORT OF THE BIM PROCESSES IN THE CULTURAL HERITAGE: IN-DEPTH ANALYSIS OF THE CASE STUDY OF THE ROMAN FLUVIAL PORT OF AQUILEIA (ITALY)

S. Pratali Maffei, E. Canevise, T. De Gottardo, and L. Pizzol

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 989-993, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-989-2019>, 2019

05 May 2019

INFORMATIVE CONTENT MODELS FOR INFRASTRUCTURE LOAD TESTING MANAGEMENT: THE AZZONE VISCONTI BRIDGE IN LECCO

M. Previtali, L. Barazzetti, F. Banfi, and F. Roncoroni

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 995-1001, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-995-2019>, 2019

05 May 2019

NEW TOOLS FOR CULTURAL HERITAGE TOURISM: ACCESSIBLE VIRTUAL REALITY FOR MILAN'S BASILICA SANT'AMBROGIO

C. Pybus

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 1003-1010, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-1003-2019>, 2019

05 May 2019

THE SITE OF SAN CALOCERO DI ALBENGA (SV). AN INTER-DISCIPLINARY METHODOLOGICAL TRAINING GROUND

S. Roascio

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 1011-1016, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-1011-2019>, 2019

05 May 2019

LESSON LEARNED ON MONITORING CULTURAL HERITAGE AT RISK UNDER CLIMATE CHANGES: STRATEGY, TECHNIQUES AND RESULTS

E. Rosina, E. Romoli, A. Pili, and M. Suma

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 1017-1024, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-1017-2019>, 2019

05 May 2019

ARISTOTLE'S MIRROR: COMBINING DIGITAL AND MATERIAL CULTURE

C. Rossi

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 1025-1029, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-1025-2019>, 2019

05 May 2019

FROM THE LABORATION PROCESS OF POINT CLOUD TO INFORMATION SYSTEMS BOTH FOR PLANNING AND DESIGN MANAGEMENT OF CULTURAL HERITAGE

P. A. Ruffino, M. M. Bocconcinio, M. Del Giudice, and A. Osello

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 1031-1038, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-1031-2019>, 2019

05 May 2019

HBIM FOR THE SURVEYING, ANALYSIS AND RESTORATION OF THE SAINT JOHN THE THEOLOGIAN CATHEDRAL IN NICOSIA (CYPRUS)

C. Santagati, C. R. Laurini, G. Sanfilippo, N. Bakirtzis, D. Papacharalambous, and S. Hermon

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 1039-1046, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-1039-2019>, 2019

05 May 2019

POINT CLOUD DATASET AND FEM FOR A COMPLEX GEOMETRY: THE SAN LUZI BELL TOWER CASE STUDY

I. Selvaggi, G. Bitelli, E. Serantoni, and A. Wieser

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 1047-1052, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-1047-2019>, 2019

05 May 2019

MONITORING AND PRESERVATION OF THE KYIV PECHERSK LAVRA CAVES

R. Shults, M. Bilous, and V. Kovtun

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 1053-1058, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-1053-2019>, 2019

05 May 2019

CAPABILITY OF MATTERPORT 3D CAMERA FOR INDUSTRIAL ARCHAEOLOGY SITES INVENTORY

R. Shults, E. Levin, R. Habibi, S. Shenoy, O. Honcheruk, T. Hart, and Z. An

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 1059-1064, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-1059-2019>, 2019

05 May 2019

CHALLENGING THE INVISIBILITY OF MOBILE CULTURES REMOTE SENSING, ENVIRONMENT AND ARCHAEOLOGY IN THE NEAR EAST

M. Silver, M. Törmä, K. Silver, M. Nuñez, and J. Okkonen

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 1065-1072, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-1065-2019>, 2019

05 May 2019

3D DOCUMENTATION AND VIRTUAL ARCHAEOLOGICAL RESTORATION OF MACEDONIAN TOMBS

M. Stampoulouglou, O. Toska, S. Tapinaki, G. Kontogianni, M. Skamantzari, and A. Georgopoulos

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 1073-1080, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-1073-2019>, 2019

05 May 2019

GEOMETRIC PRIMITIVES ASSESSING ITALIAN-CZECH VAULT CONSTRUCTION TECHNIQUES IN BAROQUE PERIOD

C. Stanga, H. Hasniková, R. Brumana, A. Grimoldi, and F. Banfi

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 1081-1088, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-1081-2019>, 2019

05 May 2019

BIM FOR MUSEUMS: AN INTEGRATED APPROACH FROM THE BUILDING TO THE COLLECTIONS

G. Tucci, M. Betti, A. Conti, M. Corongiu, L. Fiorini, C. Matta, C. Kovačević, C. Borri, and C. Hollberg

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 1089-1096, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-1089-2019>, 2019

05 May 2019

EDUCATIONAL AND TRAINING EXPERIENCES IN GEOMATICS: TAILORED APPROACHES FOR DIFFERENT AUDIENCE

G. Tucci, E. I. Parisi, A. Conti, M. Corongiu, L. Fiorini, and F. Panighini

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 1097-1104, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-1097-2019>, 2019

05 May 2019

GROUND BASED 3D MODELLING (PHOTOGRAMMETRY AND TLS) - SURVEY, DOCUMENTATION AND STRUCTURAL ASSESSMENT OF XX CENTURY CULTURAL HERITAGE IN INDIA – A CASE STUDY OF THE MASONRY VAULTS IN DEHRADUN

G. Tucci, S. Rihal, M. Betti, A. Conti, L. Fiorini, V. C. Kovacevic, and G. Bartoli

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 1105-1111, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-1105-2019>, 2019

05 May 2019

THE GIARDINO DELLE CAMELIE IN THE BOBOLI MONUMENTAL GARDEN: INTEGRATED SURVEY, STRUCTURAL REINFORCEMENT AND RESTORATION PROJECT OF THE ARCHITECTURE, THE DECORATIONS AND THE HYDRAULIC SYSTEM

G. Tucci, P. Ruggieri, M. Mazzoleni, A. Conti, L. Fiorini, and F. Panighini

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 1113-1120, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-1113-2019>, 2019

05 May 2019

DOCUMENTATION OF HISTORICAL ARCHITECTURES THROUGH THE COMBINED USE OF DIGITAL SURVEYING TECHNIQUES

R. Valente, D. Oreni, L. Barazzetti, F. Roncoroni, and M. Previtali

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 1121-1125, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-1121-2019>, 2019

05 May 2019

THE CASTLE OF ASSORO: THE INTEGRATED SURVEY FOR THE KNOWLEDGE AND CONSERVATION OF RUINS

A. Versaci, A. Cardaci, L. R. Fauzia, and M. Russo

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 1127-1135, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-1127-2019>, 2019

05 May 2019

ADVANCED 3D MODELING VERSUS BUILDING INFORMATION MODELING: THE CASE STUDY OF PALAZZO ETTOREO IN SACILE (ITALY)

D. Visintini, E. Marcon, G. Pantò, E. P. Canevese, T. De Gottardo, and I. Bertani

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 1137-1143, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-1137-2019>, 2019

05 May 2019

TUTANKHAMEN'S TWO TOMBS: REPLICIA CREATION AND THE PRESERVATION OF OUR CULTURAL HERITAGE IN THE DIGITAL AGE

L. Wong and M. Santana Quintero

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 1145-1150, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-1145-2019>, 2019

05 May 2019

"HERITAGE & DEVELOPMENT" STRATEGY ON HISTORIC URBAN LANDSCAPE (HUL): THE ADDED VALUE OF MULTI-TEMPORAL HUB APPLICATION

M. Yang, R. Brumana, and M. Previtali

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 1151-1158, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-1151-2019>, 2019

05 May 2019

RESEARCH ON HBIM AND LEVEL OF INFORMATION FOR THE LIFE CYCLE OF TRADITIONAL CHINESE BUILT HERITAGE IN TAIWAN

Y. N. Yen and Y. C. Lu

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 1159-1163, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-1159-2019>, 2019

05 May 2019

DISTANCE-TRAINING FOR IMAGE-BASED 3D MODELLING OF ARCHEOLOGICAL SITES IN REMOTE REGIONS

V. Yordanov, A. Mostafavi, and M. Scaioni

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 1165-1172, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-1165-2019>, 2019

05 May 2019

GIS ANALYSIS OF THE SEISMIC DAMAGE ON HISTORICAL MASONRY SPIRES

E. Zanazzi, E. Coisson, and D. Ferretti

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 1173-1179, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-1173-2019>, 2019

05 May 2019

DISCUSSION ON RESTORATION DESIGN OF LANDSCAPE SITE BASED ON 3D TERRESTRIAL LASER SCANNING : A CASE STUDY OF QIWANG HALL IN SUMMER PALACE, BEIJING, CHINA

L. Zhang and A. Wang

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 1181-1186, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-1181-2019>, 2019

05 May 2019

ANALYSIS OF JIAYUGUAN [嘉峪关] PAVILIONS' DEFORMATION AND ITS INFLUENCE FACTORS WITH THE APPLICATION OF COMPREHENSIVE TECHNOLOGY

L. Zhang, W. Dong, T. Zhou, and Z. Ba

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 1187-1192, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-1187-2019>, 2019

05 May 2019

A MONITORING METHOD OF COLOR DECAYING FOR COLORED PATTERNS IN ARCHITECTURAL HERITAGE

L. Zhang, J. Xie, L. Qin, Z. Liu, and G. Liu

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2/W11, 1193-1198, <https://doi.org/10.5194/isprs-archives-XLII-2-W11-1193-2019>, 2019