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Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 487-494, <https://doi.org/10.5194/isprs-archives-XLII-2-487-2018>, 2018

30 May 2018

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H. G. Kim, J. H. Son, and T. Kim

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 495-499, <https://doi.org/10.5194/isprs-archives-XLII-2-495-2018>, 2018

30 May 2018

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J.-I. Kim and H.-C. Kim

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 501-505, <https://doi.org/10.5194/isprs-archives-XLII-2-501-2018>, 2018

30 May 2018

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S. Kim, H. G. Kim, and T. Kim

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 507-511, <https://doi.org/10.5194/isprs-archives-XLII-2-507-2018>, 2018

30 May 2018

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V. V. Kniaz, V. V. Fedorenko, and N. A. Fomin

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 513-518, <https://doi.org/10.5194/isprs-archives-XLII-2-513-2018>, 2018

30 May 2018

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V. V. Kniaz and V. A. Mizginov

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 519-524, <https://doi.org/10.5194/isprs-archives-XLII-2-519-2018>, 2018

30 May 2018

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Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 525-530, <https://doi.org/10.5194/isprs-archives-XLII-2-525-2018>, 2018

30 May 2018

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G. Kontogianni, A. T. Thomaidis, R. Chliverou, and A. Georgopoulos

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 531-537, <https://doi.org/10.5194/isprs-archives-XLII-2-531-2018>, 2018

30 May 2018

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M. Kröhnert, R. Anderson, J. Bumberger, P. Dietrich, W. S. Harpole, and H.-G. Maas

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 539-542, <https://doi.org/10.5194/isprs-archives-XLII-2-539-2018>, 2018

30 May 2018

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M. Kröhnert and A. Eltner

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 543-550, <https://doi.org/10.5194/isprs-archives-XLII-2-543-2018>, 2018

30 May 2018

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E. Lachat, T. Landes, and P. Grussenmeyer

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 551-558, <https://doi.org/10.5194/isprs-archives-XLII-2-551-2018>, 2018

30 May 2018

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M. Langheinrich

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 559-564, <https://doi.org/10.5194/isprs-archives-XLII-2-559-2018>, 2018

30 May 2018

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M. A. Lebedev, Y. V. Vizilter, O. V. Vygolov, V. A. Knyaz, and A. Y. Rubis

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 565-571, <https://doi.org/10.5194/isprs-archives-XLII-2-565-2018>, 2018

30 May 2018

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Y. Li, M. Sakamoto, T. Shinohara, and T. Satoh

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 573-577, <https://doi.org/10.5194/isprs-archives-XLII-2-573-2018>, 2018

30 May 2018

VERTICAL ACCURACY EVALUATION OF ASTER GDEM2 OVER A MOUNTAINOUS AREA BASED ON UAV PHOTOGRAMMETRY

Y. Liang, Y. Qu, D. Guo, and T. Cui

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 579-584, <https://doi.org/10.5194/isprs-archives-XLII-2-579-2018>, 2018

30 May 2018

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D. Lin, M. Jarzabek-Rychard, D. Schneider, and H.-G. Maas

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 585-591, <https://doi.org/10.5194/isprs-archives-XLII-2-585-2018>, 2018

30 May 2018

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J. Liu, S. Ji, C. Zhang, and Z. Qin

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 593-597, <https://doi.org/10.5194/isprs-archives-XLII-2-593-2018>, 2018

30 May 2018

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

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 599-606, <https://doi.org/10.5194/isprs-archives-XLII-2-599-2018>, 2018

30 May 2018

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S. Logothetis, E. Karachaliou, E. Valari, and E. Stylianidis

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 607-614, <https://doi.org/10.5194/isprs-archives-XLII-2-607-2018>, 2018

30 May 2018

RESEARCH ON HISTORIC BIM OF BUILT HERITAGE IN TAIWAN – A CASE STUDY OF HUANGXI ACADEMY

Y. C. Lu, T. Y. Shih, and Y. N. Yen

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 615-622, <https://doi.org/10.5194/isprs-archives-XLII-2-615-2018>, 2018

30 May 2018

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Y. A. Lumban-Gaol, A. Murtiyoso, and B. H. Nugroho

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 623-628, <https://doi.org/10.5194/isprs-archives-XLII-2-623-2018>, 2018

30 May 2018

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L. Lyu, Q. Xu, Y. Zhou, S. Xing, W. Lu, and Y. Zhao

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 629-635, <https://doi.org/10.5194/isprs-archives-XLII-2-629-2018>, 2018

30 May 2018

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M. Maboudi, D. Bânhidi, and M. Gerke

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 637-642, <https://doi.org/10.5194/isprs-archives-XLII-2-637-2018>, 2018

30 May 2018

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F. Maiwald, D. Schneider, F. Henze, S. Münster, and F. Niebling

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 643-650, <https://doi.org/10.5194/isprs-archives-XLII-2-643-2018>, 2018

30 May 2018

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S. Makuti, F. Nex, and M. Y. Yang

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 651-658, <https://doi.org/10.5194/isprs-archives-XLII-2-651-2018>, 2018

30 May 2018

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G. Mandlbürger

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 659-666, <https://doi.org/10.5194/isprs-archives-XLII-2-659-2018>, 2018

30 May 2018

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J. Markiewicz, S. Łapiński, M. Pilarska, R. Bieńkowski, and A. Kaliszewska

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 667-674, <https://doi.org/10.5194/isprs-archives-XLII-2-667-2018>, 2018

30 May 2018

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Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 675-681, <https://doi.org/10.5194/isprs-archives-XLII-2-675-2018>, 2018

30 May 2018

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A. Masiero, F. Fissore, A. Guarnieri, and A. Vettore

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 683-690, <https://doi.org/10.5194/isprs-archives-XLII-2-683-2018>, 2018

30 May 2018

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A. Mayr, M. Rutzinger, and C. Geitner

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 691-697, <https://doi.org/10.5194/isprs-archives-XLII-2-691-2018>, 2018

30 May 2018

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F. Menna, E. Nocerino, P. Drap, F. Remondino, A. Murtiyoso, P. Grussenmeyer, and N. Börlin

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 699-705, <https://doi.org/10.5194/isprs-archives-XLII-2-699-2018>, 2018

30 May 2018

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V. V. Molchanov, B. V. Vishnyakov, V. S. Gorbachevich, and Y. V. Vizilter

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 707-714, <https://doi.org/10.5194/isprs-archives-XLII-2-707-2018>, 2018

30 May 2018

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A. Moreira, R. Quattrini, G. Maggiolo, and R. Mammoli

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 715-722, <https://doi.org/10.5194/isprs-archives-XLII-2-715-2018>, 2018

30 May 2018

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C. Morganti and C. Bartolomei

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 723-730, <https://doi.org/10.5194/isprs-archives-XLII-2-723-2018>, 2018

30 May 2018

CLASSIFICATION OF POLE-LIKE OBJECTS USING POINT CLOUDS AND IMAGES CAPTURED BY MOBILE MAPPING SYSTEMS

Y. Mori, K. Kohira, and H. Masuda

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 731-738, <https://doi.org/10.5194/isprs-archives-XLII-2-731-2018>, 2018

30 May 2018

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C. Mulsow, R. Kenner, Y. Bühler, A. Stoffel, and H.-G. Maas

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 739-744, <https://doi.org/10.5194/isprs-archives-XLII-2-739-2018>, 2018

30 May 2018

COMPARISON AND ASSESSMENT OF 3D REGISTRATION AND GEOREFERENCING APPROACHES OF POINT CLOUDS IN THE CASE OF EXTERIOR AND INTERIOR BUILDING RECORDING

A. Murtiyoso and P. Grussenmeyer

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 745-751, <https://doi.org/10.5194/isprs-archives-XLII-2-745-2018>, 2018

30 May 2018

ON A FUNDAMENTAL EVALUATION OF A UAV EQUIPPED WITH A MULTICHANNEL LASER SCANNER

K. Nakano, H. Suzuki, K. Omori, K. Hayakawa, and M. Kurodai

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 753-758, <https://doi.org/10.5194/isprs-archives-XLII-2-753-2018>, 2018

30 May 2018

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F. Neyer, E. Nocerino, and A. Gruen

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 759-766, <https://doi.org/10.5194/isprs-archives-XLII-2-759-2018>, 2018

30 May 2018

AUTOMATIC RAIL EXTRACTION AND CELARANACE CHECK WITH A POINT CLOUD CAPTURED BY MLS IN A RAILWAY

Y. Niina, R. Honma, Y. Honma, K. Kondo, K. Tsuji, T. Hiramatsu, and E. Oketani

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 767-771, <https://doi.org/10.5194/isprs-archives-XLII-2-767-2018>, 2018

30 May 2018

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E. Nocerino, D. H. Rieke-Zapp, E. Trinkl, R. Rosenbauer, E. M. Farella, D. Morabito, and F. Remondino

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 773-780, <https://doi.org/10.5194/isprs-archives-XLII-2-773-2018>, 2018

30 May 2018

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L. S. Obrock and E. Gülich

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 781-787, <https://doi.org/10.5194/isprs-archives-XLII-2-781-2018>, 2018

30 May 2018

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R. A. Oliveira, E. Khoramshahi, J. Suomalainen, T. Hakala, N. Viljanen, and E. Honkavaara

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 789-795, <https://doi.org/10.5194/isprs-archives-XLII-2-789-2018>, 2018

30 May 2018

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W. Ostrowski, M. Pilarska, J. Charyton, and K. Bakula

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 797-804, <https://doi.org/10.5194/isprs-archives-XLII-2-797-2018>, 2018

30 May 2018

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M. Ozendi, D. Akca, and H. Topan

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 805-812, <https://doi.org/10.5194/isprs-archives-XLII-2-805-2018>, 2018

30 May 2018

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D. Pagliari and L. Pinto

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 813-820, <https://doi.org/10.5194/isprs-archives-XLII-2-813-2018>, 2018

30 May 2018

INTEGRATED PHOTOGRAMMETRIC SURVEY AND BIM MODELLING FOR THE PROTECTION OF SCHOOL HERITAGE. APPLICATIONS ON A CASE STUDY

C. Palestini, A. Basso, and L. Graziani

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 821-828, <https://doi.org/10.5194/isprs-archives-XLII-2-821-2018>, 2018

30 May 2018

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F. Panella, J. Boehm, Y. Loo, A. Kaushik, and D. Gonzalez

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 829-835, <https://doi.org/10.5194/isprs-archives-XLII-2-829-2018>, 2018

30 May 2018

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

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 837-843, <https://doi.org/10.5194/isprs-archives-XLII-2-837-2018>, 2018

30 May 2018

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A. Paul, K. Vogt, F. Rottensteiner, J. Ostermann, and C. Heipke

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 845-852, <https://doi.org/10.5194/isprs-archives-XLII-2-845-2018>, 2018

30 May 2018

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G. Pavoni, M. Palma, M. Callieri, M. Dellepiane, C. Cerrano, U. Pantaleo, and R. Scopigno

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 853-860, <https://doi.org/10.5194/isprs-archives-XLII-2-853-2018>, 2018

30 May 2018

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M. Pepe, S. Ackermann, L. Fregonese, F. Fassi, and A. Adami

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 861-867, <https://doi.org/10.5194/isprs-archives-XLII-2-861-2018>, 2018

30 May 2018

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M. V. Peppia, J. P. Mills, K. D. Fieber, I. Haynes, S. Turner, A. Turner, M. Douglas, and P. G. Bryan

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 869-875, <https://doi.org/10.5194/isprs-archives-XLII-2-869-2018>, 2018

30 May 2018

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Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 877-883, <https://doi.org/10.5194/isprs-archives-XLII-2-877-2018>, 2018

30 May 2018

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P. Piazza, V. Cummings, D. Lohrer, S. Marini, P. Marriott, F. Menna, E. Nocerino, A. Peirano, and S. Schiaparelli

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 885-892, <https://doi.org/10.5194/isprs-archives-XLII-2-885-2018>, 2018

30 May 2018

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R. Pierdicca, E. S. Malinverni, F. Piccinini, M. Paolanti, A. Felicetti, and P. Zingaretti

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 893-900, <https://doi.org/10.5194/isprs-archives-XLII-2-893-2018>, 2018

30 May 2018

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M. Pilarska

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 901-907, <https://doi.org/10.5194/isprs-archives-XLII-2-901-2018>, 2018

30 May 2018

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D. P. Pocobelli, J. Boehm, P. Bryan, J. Still, and J. Grau-Bové

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 909-916, <https://doi.org/10.5194/isprs-archives-XLII-2-909-2018>, 2018

30 May 2018

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Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 917-921, <https://doi.org/10.5194/isprs-archives-XLII-2-917-2018>, 2018

30 May 2018

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I. Puente, R. Lindenbergh, A. Van Natijne, R. Esposito, and R. Schipper

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 923-929, <https://doi.org/10.5194/isprs-archives-XLII-2-923-2018>, 2018

30 May 2018

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C. P. Qiu, M. Schmitt, P. Ghamisi, and X. X. Zhu

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 931-936, <https://doi.org/10.5194/isprs-archives-XLII-2-931-2018>, 2018

30 May 2018

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Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 937-943, <https://doi.org/10.5194/isprs-archives-XLII-2-937-2018>, 2018

30 May 2018

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M. Rahrig, R. Drewello, and A. Lazzeri

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 945-952, <https://doi.org/10.5194/isprs-archives-XLII-2-945-2018>, 2018

30 May 2018

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D. F. Redaelli, S. Gonizzi Barsanti, P. Frascini, E. Biffi, and G. Colombo

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 953-960, <https://doi.org/10.5194/isprs-archives-XLII-2-953-2018>, 2018

30 May 2018

NUMERICAL SIMULATION AND EXPERIMENTAL VALIDATION OF WAVE PATTERN INDUCED COORDINATE ERRORS IN AIRBORNE LIDAR BATHYMETRY

K. Richter, D. Mader, P. Westfeld, and H.-G. Maas

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 961-967, <https://doi.org/10.5194/isprs-archives-XLII-2-961-2018>, 2018

30 May 2018

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B. Riveiro, G. Cubreiro, B. Conde, M. Cabaleiro, R. Lindenbergh, M. Soillán, and J. C. Caamaño

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 969-974, <https://doi.org/10.5194/isprs-archives-XLII-2-969-2018>, 2018

30 May 2018

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P. Rodríguez-González, S. Cardozo Mamani, A. Guerra Campo, L. J. Sánchez-Aparicio, S. del Pozo, A. Muñoz-Nieto, and D. González-Aguilera

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 975-981, <https://doi.org/10.5194/isprs-archives-XLII-2-975-2018>, 2018

30 May 2018

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G. Ronchetti, D. Pagliari, and G. Sona

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 983-989, <https://doi.org/10.5194/isprs-archives-XLII-2-983-2018>, 2018

30 May 2018

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L. Rossi, C. I. De Gaetani, D. Pagliari, E. Realini, M. Reguzzoni, and L. Pinto

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 991-998, <https://doi.org/10.5194/isprs-archives-XLII-2-991-2018>, 2018

30 May 2018

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M. Sakamoto, M. Tsuguchi, S. Chhatkuli, and T. Satoh

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 999-1005, <https://doi.org/10.5194/isprs-archives-XLII-2-999-2018>, 2018

30 May 2018

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C. Santagati, M. Lo Turco, and R. Garozzo

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 1007-1014, <https://doi.org/10.5194/isprs-archives-XLII-2-1007-2018>, 2018

30 May 2018

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M. Santise, K. Thoeni, R. Roncella, F. Diotri, and A. Giacomini

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 1015-1022, <https://doi.org/10.5194/isprs-archives-XLII-2-1015-2018>, 2018

30 May 2018

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H. Sardemann, A. Eltner, and H.-G. Maas

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 1023-1027, <https://doi.org/10.5194/isprs-archives-XLII-2-1023-2018>, 2018

30 May 2018

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M. Scaioni, J. Crippa, M. Corti, L. Barazzetti, D. Fugazza, R. Azzoni, M. Cernuschi, and G. A. Diolaiuti

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 1029-1036, <https://doi.org/10.5194/isprs-archives-XLII-2-1029-2018>, 2018

30 May 2018

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S. Scandurra, M. Pulcrano, V. Cirillo, M. Campi, A. di Luggo, and O. Zerlenga

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 1037-1044, <https://doi.org/10.5194/isprs-archives-XLII-2-1037-2018>, 2018

30 May 2018

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M. Schmitt, L. H. Hughes, M. Körner, and X. X. Zhu

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 1045-1051, <https://doi.org/10.5194/isprs-archives-XLII-2-1045-2018>, 2018

30 May 2018

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A. Scianna and M. La Guardia

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 1053-1059, <https://doi.org/10.5194/isprs-archives-XLII-2-1053-2018>, 2018

30 May 2018

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I. Selvaggi, M. Dellapasqua, F. Franci, A. Spangher, D. Visintini, and G. Bitelli

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 1061-1066, <https://doi.org/10.5194/isprs-archives-XLII-2-1061-2018>, 2018

30 May 2018

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M. Soillán, B. Riveiro, A. Sánchez-Rodríguez, and L. M. González-deSantos

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 1067-1074, <https://doi.org/10.5194/isprs-archives-XLII-2-1067-2018>, 2018

30 May 2018

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A. Spanò, F. Chiabrandò, G. Sammartano, and L. Teppati Losè

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 1075-1082, <https://doi.org/10.5194/isprs-archives-XLII-2-1075-2018>, 2018

30 May 2018

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T. Sumi, H. Date, and S. Kanai

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 1083-1090, <https://doi.org/10.5194/isprs-archives-XLII-2-1083-2018>, 2018

30 May 2018

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K. Suzuki, U. Rin, Y. Maeda, and H. Takeda

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 1091-1096, <https://doi.org/10.5194/isprs-archives-XLII-2-1091-2018>, 2018

30 May 2018

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Y. Tefera, F. Poesi, D. Morabito, F. Remondino, E. Nocerino, and P. Chippendale

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 1097-1103, <https://doi.org/10.5194/isprs-archives-XLII-2-1097-2018>, 2018

30 May 2018

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C. Tejada-Sánchez, A. Muñoz-Nieto, and P. Rodríguez-González

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 1105-1111, <https://doi.org/10.5194/isprs-archives-XLII-2-1105-2018>, 2018

30 May 2018

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L. Teppati Losè, F. Chiabrando, and A. Spanò

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 1113-1120, <https://doi.org/10.5194/isprs-archives-XLII-2-1113-2018>, 2018

30 May 2018

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Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 1121-1128, <https://doi.org/10.5194/isprs-archives-XLII-2-1121-2018>, 2018

30 May 2018

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G. Vacca, E. Quaquero, D. Pili, and M. Brandolini

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 1129-1135, <https://doi.org/10.5194/isprs-archives-XLII-2-1129-2018>, 2018

30 May 2018

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A. L. van Natijne, R. C. Lindenbergh, and R. F. Hanssen

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 1137-1144, <https://doi.org/10.5194/isprs-archives-XLII-2-1137-2018>, 2018

30 May 2018

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G. Vassena and A. Clerici

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 1145-1148, <https://doi.org/10.5194/isprs-archives-XLII-2-1145-2018>, 2018

30 May 2018

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G. J. Verhoeven

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 1149-1156, <https://doi.org/10.5194/isprs-archives-XLII-2-1149-2018>, 2018

30 May 2018

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A. Walicka, G. Józków, and A. Borkowski

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 1157-1161, <https://doi.org/10.5194/isprs-archives-XLII-2-1157-2018>, 2018

30 May 2018

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J. Wang and R. Lindenbergh

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 1163-1168, <https://doi.org/10.5194/isprs-archives-XLII-2-1163-2018>, 2018

30 May 2018

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Y. Wang, J. Fang, and Y. Ai

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 1169-1174, <https://doi.org/10.5194/isprs-archives-XLII-2-1169-2018>, 2018

30 May 2018

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E. Watson, H.-G. Maas, F. Schäfer, and S. Hiermaier

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 1175-1181, <https://doi.org/10.5194/isprs-archives-XLII-2-1175-2018>, 2018

30 May 2018

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E. K. Webb, S. Robson, L. MacDonald, D. Garside, and R. Evans

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 1183-1190, <https://doi.org/10.5194/isprs-archives-XLII-2-1183-2018>, 2018

30 May 2018

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A. Wichmann, A. Agoub, and M. Kada

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 1191-1198, <https://doi.org/10.5194/isprs-archives-XLII-2-1191-2018>, 2018

30 May 2018

EXTRACTION OF BUILDING ROOF EDGES FROM LIDAR DATA TO OPTIMIZE THE DIGITAL SURFACE MODEL FOR TRUE ORTHOPHOTO GENERATION

E. Widyaningrum, R. C. Lindenbergh, B. G. H. Gorte, and K. Zhou

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 1199-1205, <https://doi.org/10.5194/isprs-archives-XLII-2-1199-2018>, 2018

30 May 2018

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D. Wujanz, S. Schaller, F. Gielsdorf, and L. Gründig

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 1207-1212, <https://doi.org/10.5194/isprs-archives-XLII-2-1207-2018>, 2018

30 May 2018

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X. Yang, M. Koehl, and P. Grussenmeyer

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 1213-1218, <https://doi.org/10.5194/isprs-archives-XLII-2-1213-2018>, 2018

30 May 2018

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S. J. Yoon, W. S. Yoon, J. W. Jung, and T. Kim

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 1219-1223, <https://doi.org/10.5194/isprs-archives-XLII-2-1219-2018>, 2018

30 May 2018

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M. Zheng, M. Lemmens, and P. van Oosterom

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 1225-1228, <https://doi.org/10.5194/isprs-archives-XLII-2-1225-2018>, 2018

30 May 2018

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K. Zhou, B. Gorte, R. Lindenbergh, and E. Widyaningrum

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 1229-1235, <https://doi.org/10.5194/isprs-archives-XLII-2-1229-2018>, 2018

30 May 2018

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Y. Zhou, Q. Xu, S. Xing, and X. Hu

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 1237-1241, <https://doi.org/10.5194/isprs-archives-XLII-2-1237-2018>, 2018

30 May 2018

SENSOR- AND SCENE-GUIDED INTEGRATION OF TLS AND PHOTOGRAMMETRIC POINT CLOUDS FOR LANDSLIDE MONITORING

T. Zieher, I. Toschi, F. Remondino, M. Rutzinger, Ch. Kofler, A. Mejia-Aguilar, and R. Schlägel

Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XLII-2, 1243-1250, <https://doi.org/10.5194/isprs-archives-XLII-2-1243-2018>, 2018