

Mattia Crespi - Pubblicazioni indicizzate SCOPUS

Hamoudzadeh, A., Ravanelli, R., Crespi, M.

GEDI DATA WITHIN GOOGLE EARTH ENGINE: PRELIMINARY ANALYSIS OF A RESOURCE FOR INLAND SURFACE WATER MONITORING

(2023) International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 48 (M-1-2023), pp. 131-136.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85156249987&doi=10.5194%2fisprs-archives-XLVIII-M-1-2023-131-2023&partnerID=40&md5=28fb5df9c4cc58ae28d7b2db24fd550b>

DOI: 10.5194/isprs-archives-XLVIII-M-1-2023-131-2023

EDITORS: Altan O., Sunar F., Klein D.

PUBLISHER: International Society for Photogrammetry and Remote Sensing

DOCUMENT TYPE: Conference Paper

SOURCE: Scopus

Bocchino, F., Ravanelli, R., Belloni, V., Mazzucchelli, P., Crespi, M.

WATER RESERVOIRS MONITORING THROUGH GOOGLE EARTH ENGINE: APPLICATION TO SENTINEL AND LANDSAT IMAGERY

(2023) International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 48 (M-1-2023), pp. 41-47.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85156213720&doi=10.5194%2fisprs-archives-XLVIII-M-1-2023-41-2023&partnerID=40&md5=63f5013bbed3f75f7f73e11b6544a048>

DOI: 10.5194/isprs-archives-XLVIII-M-1-2023-41-2023

EDITORS: Altan O., Sunar F., Klein D.

PUBLISHER: International Society for Photogrammetry and Remote Sensing

DOCUMENT TYPE: Conference Paper

SOURCE: Scopus

Mastrorosa, S., Crespi, M., Congedo, L., Munafò, M.

Land Consumption Classification Using Sentinel 1 Data: A Systematic Review

(2023) Land, 12 (4), art. no. 932, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85156269570&doi=10.3390%2fland12040932&partnerID=40&md5=b79be844d352aba771874a3f35f40712>

DOI: 10.3390/land12040932

PUBLISHER: MDPI

DOCUMENT TYPE: Review

SOURCE: Scopus

Marsocci, V., Coletta, V., Ravanelli, R., Scardapane, S., Crespi, M.

Inferring 3D change detection from bitemporal optical images

(2023) ISPRS Journal of Photogrammetry and Remote Sensing, 196, pp. 325-339.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146148106&doi=10.1016%2fj.isprsjprs.2022.12.009&partnerID=40&md5=5e6d1f24ea5f672736c5b2850a1358d6>

DOI: 10.1016/j.isprsjprs.2022.12.009

PUBLISHER: Elsevier B.V.

DOCUMENT TYPE: Article

SOURCE: Scopus

Belloni, V., Di Rita, M., Fugazza, D., Traversa, G., Hanson, K., Diolaiuti, G., Crespi, M.

High-resolution high-accuracy orthophoto map and digital surface model of Forni Glacier tongue (Central Italian Alps) from UAV photogrammetry
(2023) *Journal of Maps*, 19 (1), art. no. 2217508, .
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DOI: 10.1080/17445647.2023.2217508
PUBLISHER: Taylor and Francis Ltd.
DOCUMENT TYPE: Article
SOURCE: Scopus

Crespi, M., Kossobokov, V., Peresan, A., Panza, G.F., Panza, G.F.
The integration between seismology and geodesy for intermediate-term narrow-range earthquake prediction according to NDSHA
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<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138917661&doi=10.1016%2fB978-0-12-823503-4.00003-8&partnerID=40&md5=b73db8ce1b32a5ac33b00093bb159f71>

DOI: 10.1016/B978-0-12-823503-4.00003-8
PUBLISHER: Elsevier
DOCUMENT TYPE: Book Chapter
SOURCE: Scopus

Ravanelli, M., Occhipinti, G., Savastano, G., Komjathy, A., Shume, E.B., Crespi, M.
GNSS total variometric approach: first demonstration of a tool for real-time tsunami genesis estimation
(2021) *Scientific Reports*, 11 (1), art. no. 3114, .
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DOI: 10.1038/s41598-021-82532-6
PUBLISHER: Nature Research
DOCUMENT TYPE: Article
SOURCE: Scopus

Al-Quraishi, A.M.F., Gaznayee, H.A., Crespi, M.
Drought trend analysis in a semi-arid area of Iraq based on Normalized Difference Vegetation Index, Normalized Difference Water Index and Standardized Precipitation Index
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DOI: 10.1007/s40333-021-0062-9
PUBLISHER: Science Press
DOCUMENT TYPE: Article
SOURCE: Scopus

Lastilla, L., Belloni, V., Ravanelli, R., Crespi, M.
Dsm generation from single and cross-sensor multi-view satellite images using the new agisoft metashape: The case studies of trento and matera (italy)
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DOI: 10.3390/rs13040593
PUBLISHER: MDPI AG
DOCUMENT TYPE: Article
SOURCE: Scopus

Kudłacik, I., Kapłon, J., Lizurek, G., Crespi, M., Kurpiński, G.
High-rate GPS positioning for tracing anthropogenic seismic activity: The 29 January 2019 mining tremor in
Legnica- Głogów Copper District, Poland
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DOI: 10.1016/j.measurement.2020.108396
PUBLISHER: Elsevier B.V.
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Novák, P., Crespi, M., Sneeuw, N., Sansò, F.
Preface
(2021) International Association of Geodesy Symposia, 151, pp. v-viii.
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EDITORS: Novak P., Crespi M., Sneeuw N., Sanso F.
PUBLISHER: Springer Science and Business Media Deutschland GmbH
DOCUMENT TYPE: Editorial
SOURCE: Scopus

Belloni, V., Di Tullio, M., Ravanelli, R., Fratarcangeli, F., Nascetti, A., Crespi, M.
COSMO-SkyMed Range Measurements for Displacement Monitoring Using Amplitude Persistent Scatterers
(2020) International Geoscience and Remote Sensing Symposium (IGARSS), art. no. 9323241, pp. 2495-2498.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102003458&doi=10.1109%2fIGARSS39084.2020.9323241&partnerID=40&md5=f6ec8ebba46177bd3eade5231c41c8ad>

DOI: 10.1109/IGARSS39084.2020.9323241
PUBLISHER: Institute of Electrical and Electronics Engineers Inc.
DOCUMENT TYPE: Conference Paper
SOURCE: Scopus

Ravanelli, M., Crespi, M., Foster, J.
Tides Detection from Ship-Based GNSS Receiver: First Test on 2010 Maule Tsunami
(2020) International Geoscience and Remote Sensing Symposium (IGARSS), art. no. 9324549, pp. 6846-6849.
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DOI: 10.1109/IGARSS39084.2020.9324549
PUBLISHER: Institute of Electrical and Electronics Engineers Inc.
DOCUMENT TYPE: Conference Paper
SOURCE: Scopus

Brovelli, M.A., Crespi, M., Kilsedar, C.E., Munafo, M., Ravanelli, R., Strollo, A.
Land Cover and Soil Consumption Monitoring with a FOS Geoportal in Five Italian Big Urban Areas

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DOI: 10.1109/IGARSS39084.2020.9324718
PUBLISHER: Institute of Electrical and Electronics Engineers Inc.
DOCUMENT TYPE: Conference Paper
SOURCE: Scopus

Ravanelli, R., Nascetti, A., Crespi, M.
Large Scale Assessment of Free Global DEMs Through the Google Earth Engine Platform
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DOI: 10.1109/IGARSS39084.2020.9324100
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DOCUMENT TYPE: Conference Paper
SOURCE: Scopus

Lastilla, L., Ravanelli, R., Crespi, M.
First Test of Agisoft Metashape Satellite Image Processing for DSM Generation: A Case Study in Trento with Pléiades Imagery
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<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100785516&doi=10.1109%2fIGARSS39084.2020.9323197&partnerID=40&md5=9e4faa8e060dad9212c6b2d79923c244>

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DOCUMENT TYPE: Conference Paper
SOURCE: Scopus

Belloni, V., Sjölander, A., Ravanelli, R., Crespi, M., Nascetti, A.
Tack project: Tunnel and bridge automatic crack monitoring using deep learning and photogrammetry
(2020) International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 43 (B4), pp. 741-745.
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DOI: 10.5194/isprs-archives-XLIII-B4-2020-741-2020
EDITORS: Paparoditis N., Mallet C., Lafarge F., Zlatanova S., Dragicevic S., Sithole G., Agugiaro G., Arsanjani J.J., Boguslawski P., Breunig M., Brovelli M.A., Sidonie C., Coltekin A., Delavar M.R., Al Doori M., Guilbert E., Fonte C.C., Haworth J., Isikdag U., Ivanova I., Kang Z., Khoshelham K., Koeva M., Kokla M., Liu Y., Madden M., Mostafavi M.A., Navratil G., Paudyal D.R., Pettit C., Spano A., Stefanakis E., Tu W., Vacca G., Diaz V., Wise S., Wu H., Zhou X.G.
PUBLISHER: International Society for Photogrammetry and Remote Sensing
DOCUMENT TYPE: Conference Paper
SOURCE: Scopus

Di Rita, M., Fugazza, D., Belloni, V., Diolaiuti, G., Scaioni, M., Crespi, M.
GLACIER VOLUME CHANGE MONITORING from UAV OBSERVATIONS: ISSUES and POTENTIALS of STATE-OF-THE-ART TECHNIQUES

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DOI: 10.5194/isprs-archives-XLIII-B2-2020-1041-2020

EDITORS: Paparoditis N., Mallet C., Lafarge F., Remondino F., Toschi I., Fuse T.

PUBLISHER: International Society for Photogrammetry and Remote Sensing

DOCUMENT TYPE: Conference Paper

SOURCE: Scopus

Li, X., Paziewski, J., Crespi, M.

Editorial for the special issue: "High-precision GNSS: Methods, open problems and geoscience applications"

(2020) Remote Sensing, 12 (10), art. no. 1602, .

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PUBLISHER: MDPI AG

DOCUMENT TYPE: Editorial

SOURCE: Scopus

Khayyat, H.A.K.A., Sharif, A.J.M., Crespi, M.

Assessing the Impacts of Climate Change on Natural Resources in Erbil Area, the Iraqi Kurdistan Using Geo-Information and Landsat Data

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PUBLISHER: Springer Nature

DOCUMENT TYPE: Book Chapter

SOURCE: Scopus

Paziewski, J., Crespi, M.

High-precision multi-constellation GNSS: Methods, selected applications and challenges

(2020) Measurement Science and Technology, 31 (1), art. no. 010101, .

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[6501%2fab20a6&partnerID=40&md5=40676d8fb8fea2edfac37ed3ed45dc9e](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075693183&doi=10.1088%2f1361-6501%2fab20a6&partnerID=40&md5=40676d8fb8fea2edfac37ed3ed45dc9e)

DOI: 10.1088/1361-6501/ab20a6

PUBLISHER: Institute of Physics Publishing

DOCUMENT TYPE: Editorial

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Crespi, M., Kossobokov, V., Panza, G.F., Peresan, A.

Space-Time Precursory Features within Ground Velocities and Seismicity in North-Central Italy

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Fratarcangeli, F., Nascetti, A., Crespi, M.
Satellite remote sensing for DSM generation of urban areas [Telerilevamento satellitare per generazione di dsm di aree urbane]
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PUBLISHER: Istituto Nazionale di Oceanografia e di Geofisica Sperimentale
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Ravanelli, R., Riguzzi, F., Anzidei, M., Vecchio, A., Nigro, L., Spagnoli, F., Crespi, M.
Sea level rise scenario for 2100 A.D. for the archaeological site of Motya
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PUBLISHER: Springer
DOCUMENT TYPE: Article
SOURCE: Scopus

Belloni, V., Ravanelli, R., Nascetti, A., Rita, M.D., Mattei, D., Crespi, M.
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PUBLISHER: MDPI AG
DOCUMENT TYPE: Article
SOURCE: Scopus

Brovelli, M.A., Boccardo, P., Bordogna, G., Pepe, A., Crespi, M., Munafò, M., Pirotti, F.
URBAN GEO BIG DATA
(2019) International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 42 (4/W14), pp. 23-30.
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DOI: 10.5194/isprs-archives-XLII-4-W14-23-2019
EDITORS: Brovelli M.A., Andreea Florentina A.F.
PUBLISHER: International Society for Photogrammetry and Remote Sensing
DOCUMENT TYPE: Conference Paper
SOURCE: Scopus

Juergens, C., Crespi, M., Maktav, D., Goossens, R., Jacobsen, K., Nascetti, A.
Foreword to the European journal of remote sensing special issue: urban remote sensing–challenges and solutions
(2019) European Journal of Remote Sensing, 52 (sup2), p. 1.
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DOCUMENT TYPE: Editorial
SOURCE: Scopus

Lastilla, L., Ravanelli, R., Fratarcangeli, F., DI Rita, M., Nascetti, A., Crespi, M.
Foss4g date for dsm generation: Sensitivity analysis of the semi-global block matching parameters
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DOI: 10.5194/isprs-archives-XLII-2-W13-67-2019
EDITORS: Vosselman G., Oude Elberink S.J., Yang M.Y.
PUBLISHER: International Society for Photogrammetry and Remote Sensing
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Ravanelli, R., Lastilla, L., Crespi, M.
Orthoimage generation by GÖKTÜRK-1: A test case in Rome
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DOI: 10.1109/RAST.2019.8767878
EDITORS: Menekay S., Cetin O., Alparslan O.
PUBLISHER: Institute of Electrical and Electronics Engineers Inc.
DOCUMENT TYPE: Conference Paper
SOURCE: Scopus

De Girolamo, P., Crespi, M., Romano, A., Mazzoni, A., Di Risio, M., Pasquali, D., Bellotti, G., Castellino, M.,
Sammarco, P.
Estimation of wave characteristics based on global navigation satellite system data installed on board sailboats
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Tesolin, F., Vitti, A., Mazzoni, A., Crespi, M.
Impact of Galileo data on the solutions of the variometric approach for displacement analysis
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DOI: 10.1016/j.asr.2019.01.048
PUBLISHER: Elsevier Ltd
DOCUMENT TYPE: Article
SOURCE: Scopus

Mascitelli, A., Federico, S., Fortunato, M., Avolio, E., Torcasio, R.C., Realini, E., Mazzoni, A., Transerici, C., Crespi, M., Dietrich, S.

Data assimilation of GPS-ZTD into the RAMS model through 3D-Var: Preliminary results at the regional scale (2019) *Measurement Science and Technology*, 30 (5), art. no. 055801, .

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DOI: 10.1088/1361-6501/ab0b87

PUBLISHER: Institute of Physics Publishing

DOCUMENT TYPE: Article

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Girolamo, P.D., Crespi, M., Romano, A., Mazzoni, A., Risio, M.D., Pasquali, D., Bellotti, G., Castellino, M., Sammarco, P.

Wave characteristics estimation by GPS receivers installed on a sailboat travelling off-shore

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PUBLISHER: Institute of Electrical and Electronics Engineers Inc.

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