



## Europass Curriculum Vitae



### Personal information

First name(s) / Surname(s) **Daniela Carrion**  
DICA – Politecnico di Milano  
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E-mail daniela.carrion@polimi.it  
Nationality Italian  
Date of birth 03/03/1976

### Desired employment / Occupational field

### Geodesy and geomatics

### Work experience

Dates	2011-
Occupation or position held	Researcher (Assistant Professor)
Main activities and responsibilities	Research activities in GIS, Cartography and Geodesy. Teaching GIS and crisis mapping.
Name and address of employer	Politecnico di Milano – Piazza Leonardo Da Vinci, 32, 20133 Milano, Italy
Type of business or sector	University
Dates	2009-2011
Occupation or position held	Grant Holder CAT.30 (post-doc) <i>"Validation and GIS data specialist"</i>
Main activities and responsibilities	Member of the JRC (Joint Research Centre of the European Commission) Validation team, participating to the FP7 (7 <sup>th</sup> Framework Program of the European Commission) project SAFER (Services and Applications for Emergency Response). Development of a Scientific Validation Protocol for Emergency Response Services and Technical Validation of Emergency Services and Maps. Part of the organizing committee and of the Editorial Board of VALgEO (International workshop on Validation of geo-information products for crisis management, first three editions).
Name and address of employer	JRC (Joint Research Centre) of the European Commission, Via Enrico Fermi, 2749, 21027 Ispra (VA), Italy
Type of business or sector	Research Centre
Dates	2006-2010
Occupation or position held	Adjunct Professor
Main activities and responsibilities	Professor of the "Cartografia Numerica 1" (Digital Cartography) course
Name and address of employer	Politecnico di Milano – Piazza Leonardo Da Vinci, 32, 20133 Milano, Italy C/O Cremona branch, Via Sesto 41, 26100 Cremona (CR), Italy
Type of business or sector	University
Dates	2003-2009
Occupation or position held	Research fellow

Main activities and responsibilities Teaching laboratories about digital cartography and GIS, contribution to research and consulting activities about Geodesy and GIS.  
From 2006: Adjunct Professor of the "Cartografia Numerica 1" (Digital Cartography) course at the Cremona branch of Politecnico di Milano.

Name and address of employer DIIAR – Politecnico di Milano – Piazza Leonardo Da Vinci, 32, 20133 Milano, Italy

Type of business or sector University

## Education and training

Dates 2013

Title of qualification awarded **National Academic Qualification as Associate Professor in Geomatics (Italian "Abilitazione Scientifica Nazionale – Professore di seconda fascia – Settore 08/A4 – Geomatica")**

Dates 18-20th July 2007

Title of qualification awarded **SAR, InSAR and Diapason training**

Name and type of organisation providing education and training Altamira Information, SL – Barcelona (Spain)

Dates 2000-2003

Title of qualification awarded **Ph.D. on Surveying and Geodesy (Dottorato di Ricerca in Scienze Geodetiche e Topografiche)**

Principal subjects/occupational skills covered Thesis: "A method for the automatic classification of Remote Sensing images"

Name and type of organisation providing education and training DIIAR - Politecnico di Milano

Level in national or international classification Ph.D.

Dates 1994-1999

Title of qualification awarded **Degree in Environmental Engineering (Ingegneria per l'Ambiente e il Territorio)**

Name and type of organisation providing education and training Politecnico di Milano

Level in national or international classification Degree (96/100)

Principal subjects/occupational skills covered Thesis: "Automatic identification of landfill sites on Remotely Sensed images"

Dates 1989-1994

Title of qualification awarded **Diploma – Secondary school specializing in scientific subjects and foreign languages**

Name and type of organisation providing education and training Liceo Scientifico  
Paolo Giovio, Via Pasquale Paoli 28, 22100 Como (CO), Italy

Level in national or international classification Diploma (57/60)

## Personal skills and competences

Mother tongue(s) **Italian**

Other language(s) **English, French**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
	C1		C1		C1		C1		C1
	C1		C1		C1		C1		C1
	A2		A2		A1		A1		A1

Technical skills and competences	Surveying techniques: GPS positioning, Photogrammetry, Remote Sensing, GIS ERD design.
Computer skills and competences	Windows and Linux Operating Systems MS Office applications package Image processing packages: ENVI (Research Systems Inc.) and Geomatica (PCI Geomatics) Programming languages: Fortran, IDL, Matlab environment GIS software, in particular ArcGIS 10.x and QGIS
Research activities	<p>2019 – responsible of the Workpackage regarding “New tools and methods for monitoring: in situ sensors, from satellites and with citizens participation” (Strumenti e metodologie di monitoraggio innovative: osservazioni da sensori in situ, da satelliti e contribute dai cittadini) for the SIMILE project in the framework of the cooperation program Interreg V-A Italy Switzerland.</p> <p>2019 – member of the research team for the GIOCONDA project in the framework of the cooperation program Interreg V-A Italy Switzerland, for the analysis of the data types and formats for a unified platform for data sharing among public administrations, in particular concerning geospatial data.</p> <p>2011 – i) Analysis of gravity field interaction with leveling measurements. Computation of the Mediterranean geoid within the Geomed2 project with the European Space Agency. ii) Crisis maps readability and validation, Geospatial Social media analyses. iii) Database design and implementation for historical data. Old maps georeferencing. Integration of historical data and maps into a GIS.</p> <p>2009-2011 – Part of the JRC Validation team, participating to the FP7 project SAFER (Services and Applications for Emergency Response). Development of a Scientific Validation Protocol for Emergency Response Services; Scientific and Technical Validation of Emergency Services and Maps related to flood, fire and earthquake events.</p> <p>2005-2009 – Contribution to the Italian Geoid computation related activities at Politecnico di Milano, in Prof. Riccardo Barzaghi research team.</p> <p>2006-2008 – Contribution to the research project, co-financed by the Italian University Ministry: “Geografie politiche dell'Italia dal 1350 al 1500. Assetti territoriali e dinamiche di sistema. Fonti, linguaggi, cartografia.”, coordinated by Prof. Giorgio Chittolini (University of Milano), about modelling and implementation of a GIS with historical data and historical cartography in Prof. Riccardo Barzaghi research team..</p> <p>2005-2008 – Contribution to the CAAM (Consorzio Area Alto Milanese, a consortium of local administrations) GIS re-designing and prototype implementation.</p> <p>2004-2005 – Contribution to the research project, co-financed by the Italian University Ministry: “Strutture evolute della cartografia numerica per i GIS e l'ambiente web”, coordinated by Prof. Riccardo Galetto (University of Pavia), about GIS quality standards, in Prof. Federica Migliaccio research team.</p> <p>2003-2004 – Contribution to the research project, co-financed by the Italian University Ministry: “Reti di stazioni permanenti GPS per il rilievo in tempo reale in impieghi di controllo e emergenza” coordinated by Prof. Maurizio Barbarella, in Prof. Barbara Betti research team, about high resolution remote sensing images georeferencing.</p> <p>2003-2004 - Contribution to the GIS prototype planning and implementation of Montichiari (BS) local administration, in Prof. Federica Migliaccio and Prof. Livio Pinto research team.</p> <p>2003-2004 – Part of Prof. Riccardo Barzaghi GPS surveying team to evaluate post- and intra- seismic activity in Umbria-Marche, Friulia Venezia Giulia and Calabria Italian regions.</p> <p>2001 Contribution to the research project financed by the Italian Space Agency (ASI): “Certificazione di qualità delle mappe tematiche e dei Modelli Digitali delle Elevazioni (DEM) ottenuti con tecniche di Telerilevamento e standardizzazione di legende, classificatori e caratteristiche spettrali radiometriche e geometriche”, (Quality certification of thematic map and Digital Terrain Models obtained from Remote sensing, legends standardisation, classifiers and spectral, radiometric and geometric characteristics) about Remote Sensing Images classification.</p> <p>1999-2000 – Contribution to the research project financed by the Italian Space Agency (ASI): “Analisi di alcuni indici di pericolosità ambientale e costruzione delle relative mappe tematiche con tecniche di Telerilevamento multispettrale, multitemporale, multirisoluzione integrate con dati geologici, geofisici e territoriali”, about Remote Sensing Images classification.</p>

## Teaching experience

2018 – Adjunct Professor of the “Geospatial data processing and mapping for crisis management” course at the Lecco branch of Politecnico di Milano for the Master of Science in Civil Engineering for Risk Mitigation.

2012 – present. Adjunct Professor of the “Fundamental of GIS” course at the Lecco branch of Politecnico di Milano for the Master of Science in Civil Engineering for Risk Mitigation.

2006-2010 – Adjunct Professor of the “Cartografia Numerica 1” (Digital Cartography) course at the Cremona branch of Politecnico di Milano.

2007-2008 Teacher of ArcGIS 9.2 courses, organised by Fondazione Politecnico e Cesvin (Centro Sviluppo Innovazione, CR).

2006-2009 Teacher of the ArcGIS Laboratory of Prof. Federica Migliaccio “Cartografia Numerica 2” (Digital Cartography) and “SIT A” (GIS) courses at Politecnico di Milano.

2003-2009 Teacher of the ArcGIS Laboratory of Prof. Riccardo Barzaghi “Cartografia Numerica 1” (Digital Cartography) course at Politecnico di Milano.

2004-2006 Teacher of the ArcGIS Laboratory of Prof. Livio Pinto “Cartografia Numerica 1” (Digital Cartography) course at the Cremona branch of Politecnico di Milano.

2002-2003 Teacher of the “Rilievo Topografico” (Surveying) course at the post-diploma course of the “Tecnico del Rilievo e della Gestione Immobiliare” course at the Civico Istituto per Geometri Carlo Cattaneo of Milan.

2001-2002 Teaching Assistant for the “Trattamento delle Osservazioni” (Statistics) Prof. Luigi Mussio course at Politecnico di Milano.

2000-2003 Teaching Assistant for the “Fisica Sperimentale A+B” (Physics) Prof. Caterina Petrillo course at Politecnico di Milano.

2000-2003 Teaching Assistant for the “Fisica Sperimentale A” (Physics) Prof. Claudia Dallera course at Politecnico di Milano.

## Scientific Publications

Migliaccio, F., Locati, M, Carrion, D, Manenti, L Martocchia, M (2019) A prototype HGIS for managing earthquake data from historical documents. *Geomatics, Natural Hazards and Risk* 10:1:118-135.

Barzaghi, R., Carrion, D, Vergos, G, Tziavos, I, Grigoriadis, V, Natsiopoulos, D, Bruinsma, S, Reinquin, F, Seoane, L, Bonvalot, S, Lequentrec-Lalancette, M, Salaun, C, Andersen, O, Knudsen, P, Abulaitijiang, A Rio, M (2019) GEOMED2: High-Resolution Geoid of the Mediterranean. *International Association of Geodesy Symposia* 149:43-49.

Reguzzoni, M., Venuti, G, de Lacy, M, Carrion, D, Barzaghi, R, Borque, M, Gil, A Vaquero, P (2019) The Use of GNSS/levelling and gravity data for the spanish height system unification. *International Association of Geodesy Symposia* 148:165-171.

Vergos, G., Grigoriadis, V, Barzaghi, R Carrion, D (2019) IGFS Metadata for Gravity. Structure, Build-up and Application Module. *International Association of Geodesy Symposia* 149:165-171.

Migliaccio, F., Carrion, D Ferrario, F (2019) Semantic validation of social media geographic information: A case study on instagram data for expo Milano 2015. *International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives* 42:1321-1326.

Spasenovic, K. Carrion, D (2019) Quality check of crisis maps produced over five years by copernicus ems. *International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives* 42:1263-1268.

Jovanovic, S., Carrion, D Brovelli, M.A (2019) CITIZEN SCIENCE FOR WATER QUALITY MONITORING APPLYING FOSS. *ISPRS - International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences XLII-4/W14:119-126.*

Spasenovic, K., Carrion, D, Migliaccio, F Pernici, B (2019) FAST INSIGHT ABOUT THE SEVERITY OF HURRICANE IMPACT WITH SPATIAL ANALYSIS OF TWITTER POSTS. *ISPRS - International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences XLII-4/W14:221-225.*

Toro, J.F., Carrion, D, Albertella, A Brovelli, M.A (2019) CROSS-BORDER OPEN DATA SHARING: GIOCONDA PROJECT. *ISPRS - International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences XLII-4/W14:233-238.*

- Migliaccio, F., Pagliari, D, Carrion, D Gaspari, F (2018) Geostatistical and temporal analysis of Instagram data: The EXPO Milano 2015 case study. p 101-105. Proceedings ICTIC (Proceedings in Conference of Informatics and Management Sciences)
- Carrion D, Minini G, Pinto L (2017) Model of the o/d matrix - grid driven estimate of the o/d matrices for a car sharing service. In: Bignami DF, Colorni Vitale A, Lué A, Nocerino R, Rossi M, Savaresi SM, editors. Electric vehicle sharing services for smarter cities. pp. 253-264.
- Carrion D, Migliaccio F, Pagliari D (2017) Exploring geolocation issues in social media analytics. A case study with Tweet messages. In: Information and Communication Technologies - International Conference, March, 26-30, 2017. 100-103.
- Barzaghi R, Carrion D, Reguzzoni M, Venuti G (2016) A feasibility study on the unification of the Italian height systems using GNSS-leveling data and global satellite gravity models. IAG Symposia: 281-288.
- Betti B, Carrion D, Sacerdote F, Venuti G (2016) The observation equation of spirit leveling in Molodensky's context. . IAG Symposia: 142: 213-218.
- Carrion D, Migliaccio F, Minini G, Zambrano C (2016) From historical documents to GIS: a spatial database for Medieval fiscal data in Southern Italy. Historical Methods: A Journal of Quantitative and Interdisciplinary History 49: 1-10.
- Barzaghi R, Albertella A, Carrion D, Barthelmes F, Petrovic S et al. (2016) Testing Airborne Gravity Data in the Large-Scale Area of Italy and Adjacent Seas. . IAG Symposia: 144: 39-44.
- Barzaghi R, Carrion D, Pepe M, Prezioso G (2016) Computing the Deflection of the Vertical for Improving Aerial Surveys: A Comparison between EGM2008 and ITALGEO05 Estimates. Sensors 16: 1-12.
- Carrion, D. Migliaccio, F (2015) Crowdsourcing contribution to emergency mapping and alert. In: Information and Communication Technologies - International Conference, March, 23-27, 2015
- Barzaghi, R., Betti, B, Carrion, D, Gentile, G, Maseroli, R Sacerdote, F (2014) Orthometric correction and normal heights for Italian levelling network: a case study. Applied Geomatics 6:17-25.
- Carrion, D., Migliaccio, F, Minini, G Zambrano, C (2014) Sharing historical geodata through a WebGIS. A Web application for History researchers. In: Conference of Informatics and Management Sciences, March, 24. - 28. 2014, p 331-334.
- Carrion, D., Corbane, C, Broglia, M Pesaresi, M (2013) First extensive and cost-effective quality check of Crisis Maps: presentation of assessment parameters and results. International Journal of Digital Earth 6, suppl. 2:50-66.
- Cazzaniga, N.E., Carrion, D, Migliaccio, F, Barzaghi, R (2013) A shared database of underground utility lines for 3D mapping and GIS applications. In: 29th Urban Data Management Symposium, Edition (, ed), p 105-108. 29 – 31 May, 2012, London, United Kingdom
- Carrion, D., Migliaccio, F, Minini, G Zambrano, C (2013) Rappresentazione cartografica e condivisione di dati storici in ambiente GIS. In: Atti 17a Conferenza Nazionale ASITA, Edition (, ed), p 379-384. 5-7 novembre 2013, Riva del Garda - Italy
- Carrion, D., Migliaccio, F Kidane, N.G (2013) Valutazione della fertilità del suolo in ambiente GIS per una piantagione di canna da zucchero in Etiopia. In: Atti 17a Conferenza Nazionale ASITA, Edition (, ed), p 371-378. 5-7 novembre 2013, Riva del Garda - Italy
- Carrion, D. Migliaccio, F (2013) I Sistemi Informativi Geografici e l'analisi di dati storici: un esempio di applicazione al caso del Principato di Taranto. In: Un principato territoriale nel Regno di Napoli? Gli Orsini del Balzo Principi di Taranto (1399-1463), Edition (Luciana Petracca and Benedetto Vetere, ed), p 439-450.
- Migliaccio, F., Carrion, D Zambrano, C (2012) Tools based on proprietary and free/open source geospatial software for CO emission maps analysis and comparison. Applied Geomatics, Springer 4 (2):105-112.
- Migliaccio, F., Carrion, D, Zambrano, C Stroppiana, D (2012) CO emission datasets and maps from Remote Sensing: spatial and statistical comparison at different levels. Italian Journal of Remote Sensing 44 (1):69-81.
- Sansò, F., Barzaghi, R Carrion, D (2012) The Geoid Today: Still a Problem of Theory and Practice. In: VII Hotine-Marussi Symposium on Mathematical Geodesy, Edition (, ed), p 173-180.
- Barzaghi, R., Carrion, D, Migliaccio, F, Minini, G Zambrano, C (2012) Strumenti GIS per il supporto

- agli studi storici: una proposta per l'innovazione dei metodi di ricerca. In: Atti 16a Conferenza Nazionale ASITA, Edition (, ed), p 167-171. 6-9 novembre 2012, Vicenza, Italy
- Corbane, C., Carrion, D, Broglia, M Pesaresi, M (2011) 3rd International workshop on validation of geo-information products for crisis management, Edition. European Commission, Luxembourg.
- Barzaghi, R. Carrion, D (2011) Il GIS come strumento di ricerca: il contributo della cartografia. Ricerche storiche 1:45-59.
- Corbane, C., Pesaresi, M Carrion, D (2011) Validation of EO-derived information for crisis management: a Digital Earth perspective in the VALgEO expert community. International Journal of Digital Earth 4 Supplement 1:1-7.
- Carrion, D., Corbane, C, Judex, M Broglia, M (2011) Crisis maps validation and User Requirements: an experience in SAFER project. In: Gi4DM, Edition (, ed), p 1-6. ISPRS, Antalya - Turkey
- Corbane, C., Carrion, D Broglia, M (2011) Development and implementation of a validation protocol for crisis maps: reliability and consistency assessment of burnt area maps. International Journal of Digital Earth 4 Supplement 1:8-24.
- Corbane, C., Carrion, D, Lemoine, G Broglia, M (2011) Comparison of Damage Assessment Maps Derived from Very High Spatial Resolution Satellite and Aerial Imagery Produced for the Haiti 2010 Earthquake. Earthquake Spectra 27:S199-S218.
- Corbane, C., Carrion, D, Broglia, M Pesaresi, M (2011) 3rd International workshop on validation of geo-information products for crisis management , Edition. European Commission, Luxembourg.
- Broglia, M., Corbane, C, Carrion, D, Lemoine, G Pesaresi, M (2010) Validation Protocol for Emergency Response Geo-information Products. :.
- Carrion, D., Corbane, C, Broglia, M Pesaresi, M (2010) Formal quality assessment of Crisis Maps produced during 2005-2010. :.
- Carrion, D., Corbane, C, Broglia, M Pesaresi, M (2010) Preliminary results after a formal quality assessment of a sample of the last five years' Crisis Maps production. In: 2nd International workshop on validation of geo-information products for crisis management, Edition (, ed), p 9-16. European Commission, Ispra (VA), Italy
- Migliaccio, F., Carrion, D Zambrano, C (2010) A comparison between free/open-source and commercial geospatial software tools, based on a case study. In: FOSS4G, Edition (, ed), p 1-17. Barcelona, 6-9 September 2010
- Corbane, C., Carrion, D, Broglia, M Pesaresi, M (2010) 2nd International workshop on validation of geo-information products for crisis management, Edition. European Commission, Luxembourg..
- Barzaghi, R. Carrion, D (2009) Testing EGM2008 in the Central Mediterranean area. Newton's Bulletin, Bureau Gravimétrique International, International Geoid Service Joint Bulletin, IGeS 4:133-143.
- Barzaghi, R., Carrion, D, Cazzaniga, N.E Forlani, G (2009) Vehicle positioning in urban areas using photogrammetry and digital maps. In: ENC-GNSS 2009 proceedings, Edition (, ed), p 1-9. May 3rd-6th Naples (Italy)
- Broglia, M., Corbane, C, Carrion, D Lemoine, G (2009) Validation of geo-information for emergency response: the JRC proposal in SAFER. In: International workshop on validation of geo-information products for crisis management, Edition (C. Corbane, M. Broglia, D. Carrion, G. Lemoine and M. Pesaresi, ed), p 63-68. European Commission, Ispra (VA), Italy
- Carrion, D., Kumar, N, Barzaghi, R, Singh, A.P Singh, B (2009) Gravity and geoid estimate in South India and their comparison with EGM2008. Newton's Bulletin, Bureau Gravimétrique International, International Geoid Service Joint Bulletin, IGeS 4:275-283.
- Carrion, D., Maffei, A Migliaccio, F (2009) A database oriented approach to GIS designing. Applied Geomatics, Springer 1:75-84.
- Carrion, D., Maffei, A Migliaccio, F (2009) A GIS application of urban data for the visualization of the impact of a motorway construction in northern Italy. In: UDMS 2009, Edition (, ed), p 1-7. June 24th-26th Ljubljana (Slovenia)
- Carrion, D. Migliaccio, F (2009) Il Principato di Taranto in un GIS: problemi e potenzialità. in domini del principe di Taranto in età orsiniana (1399-1463), Edition (F Somaini and B. Vetere ed.), pp 37-60. Congedo Editore, Galatina (LE), Italy.
- Carrion, D., Migliaccio, F Zambrano, C (2009) Strumenti GIS per l'analisi di dati ambientali da satellite.

In: Atti della 13a Conferenza nazionale ASITA, Edition (, ed), p 625-630. 1-4 December 2009, Bari, Italy,

Corbane, C., Broglia, M, Carrion, D, Lemoine, G Pesaresi, M (2009) International workshop on validation of geo-information products for crisis management, Edition. European Commission, Luxembourg.

Corbane, C., Carrion, D Broglia, M (2009) A validation exercise in SAFER: applying a validation protocol to maps of forest fires in Corsica. In: International workshop on validation of geo-information products for crisis management, Edition (C. Corbane, M. Broglia, D. Carrion, G. Lemoine and M. Pesaresi, ed), p 69-80. European Commission, Ispra (VA), Italy

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Fastellini G., Radicioni F., Stoppini A., Barzaghi R., Carrion D. (2008). New active and passive networks for a support to geodetic activities in Umbria, in stampa su Bulletin of Geodesy and Geomatics, Firenze, Anno LXVII, N.3, pag. 203-227, ISSN: 0006-6710.

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Carrion D., Cengarle F., Somaini F., Sona G. (2008). Un approccio alla georeferenziazione di una carta antica, Proceedings of the 12a Conferenza nazionale ASITA, L'Aquila, Italy 21 - 24 Ottobre 2008 Vol. 1, pp. 655-660.

Barzaghi R., Carrion D., Maseroli R. (2008). Sovrapposizione e confronto fra la prima Cartografia IGM e la Cartografia attuale, Proceedings of the 12a Conferenza nazionale ASITA, L'Aquila, Italy 21 - 24 Ottobre 2008 Vol. 1, pp. 309-310 (riassunto esteso).

Carrion D., Maffei A., Pinto L. (2008). Metodi e modelli per il controllo di qualità di Data Base Topografici multiscala, Proceedings of the 12a Conferenza nazionale ASITA, L'Aquila, Italy 21 - 24 Ottobre 2008 Vol. 1, pp. 661-667.

Borghi A., Carrion D., Sona G. (2007), Validation and fusion of different databases in preparation of high resolution geoid determination, Geophysical Journal International, 171 (2), pag. 539-549, ISSN: 0956-540X.

Barzaghi R., Borghi A., Carrion D., Sona G. (2007), Refining the estimate of the Italian quasi-geoid, Bollettino di Geodesia e Scienze Affini, Firenze, Anno LXVI, N. 3, pag.145-160, ISSN: 0006-6710.

Barzaghi R., Carrion D., Testaverde A., Tornatore V. (2007), Trasformazioni di datum per applicazioni cartografiche: aspetti teorici e pratici, Bollettino della Associazione Italiana di Cartografia, Bologna, "129-130-131aprile-settembre-dicembre 2007 ", pag. 99-111, ISSN: 0044-9733.

Carrion D., Maffei A., Migliaccio F., Pinto L. (2007) Aspetti tecnici della progettazione di un database topografico multirisoluzione, Proceedings of the Convegno Nazionale SIFET "Dal rilevamento fotogrammetrico ai database topografici", Arezzo, 27-29 Giugno 2007, su CD.

Carrion D., Maffei A., Migliaccio F., Pinto L. (2007) Ristrutturazione della base di dati di un SIT consortile verso un modello di tipo relazionale, Proceedings of the Convegno Nazionale SIFET "Dal rilevamento fotogrammetrico ai database topografici", Arezzo, 27-29 Giugno 2007, su CD.

Baiocchi V., Betti B., Carrion D., Giannone F., Tornatore V. (2006), Orthorectification of a satellite EROSA1 Milan image by GPS RTK Control and Check Points: different models comparison, Bollettino della SIFET – Società Italiana di Fotogrammetria e Topografia, 4/2006, pp.79-94, ISSN: 1721-971X.

Betti B., Carrion D., Gaetani M. E., Tornatore V. (2006), 3D City Model e ortorettifica di immagini satellitari ad alta risoluzione: il caso di Milano, Proceedings of the Convegno Nazionale SIFET, Taranto, 13-16 Giugno 2006, su CD.

Carrion D., Maffei A., Migliaccio F. (2006) Applicazione di procedure ISO per la valutazione e documentazione della qualità dei geodati, Proceedings of the 10a Conferenza nazionale ASITA, Bolzano, Italy 14 - 17 novembre 2006 Vol. 1, pp. 599-604

Carrion D., Gaetani M. E., Tornatore V. (2006) Ortorettifica di un'immagine IKONOS della città di

Milano e sua validazione, Proceedings of the Conferenza nazionale ASITA, Bolzano, Italy 14 - 17 novembre 2006 Vol. 1, pp. 593-598

Carrion D., Marzi D., Migliaccio F. (2006) Dal formato shape a una struttura object oriented: problematiche e vantaggi, Proceedings of the 10a Conferenza nazionale ASITA, Bolzano, Italy 14 - 17 novembre 2006 Vol. 1, pp. 605-610

Carrion D., Migliaccio F., (2005) Importanza degli standard nella valutazione della qualità dei dati in un Sistema Informativo Territoriale, Proceedings of the 9a Conferenza nazionale ASITA, Catania, Italy 15 - 18 novembre 2005 Vol. 1, pp. 619-624

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## Supervised Theses

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