

# Small Towns Conference 2019

University of Salerno, Italy  
19-20 September 2019



**STC**  
International  
Conference  
2019

## Small Towns...from problem to resource

*Sustainable strategies for the valorization of building,  
landscape and cultural heritage  
in inland areas*

### BOOK OF ABSTRACTS

edited by  
Pierfrancesco Fiore  
Emanuela D'Andria



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*Small towns...from problem to resource.  
Sustainable strategies for the valorization of  
building, landscape and cultural heritage in inland areas*

**CUA**  
**Cooperativa Universitaria Athena**

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*Pierfrancesco Fiore and Emanuela D'Andria*

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CUA  
Cooperativa Universitaria Athena  
Libreria Universitaria Minerva  
Via Ponte Don Melillo – University of Salerno  
84084 Fisciano (SA)  
Tel. 089 969461  
coopathenarl@gmail.com

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## INDEX

### PRESENTATION | PRESENTAZIONE

*Pierfrancesco Fiore* ..... I

### FOREWORD | PREFAZIONE

*Enrico Sicignano* ..... IX

### TOPIC 1

**THE CAUSES AND CONSEQUENCES OF DEPOPULATION**..... 1

SEISMIC AND HYDROGEOLOGICAL RISK AS ADDITIONAL CAUSES OF DEPOPULATION OF THE SUBAPPENINO DAUNO INLAND AREA IN PUGLIA

*Gabriele Ajò* ..... 3

EARTHQUAKES, ABANDONMENT, REGENERATION IN ITALIAN INNER PERIPHERIES. THE CASE OF AQUILONIA IN THE CAMPANO APENNINES

*Raffaele Amore, Katia Fabbrocatti*..... 4

THE WASTE LAND

*Micaela Bordin*..... 5

THE ABANDONED VILLAGES OF THE IRPINIA: A FORGOTTEN HERITAGE

*Michele Carluccio, Rossella Del Regno, Antonella Roselli*..... 6

SHRINKING DYNAMICS OF ITALIAN SMALL TOWNS AND THEIR IMPACT ON TRADITIONAL LANDSCAPES. THE CASE OF PARMA APENNINES

*Barbara Caselli*..... 7

THE CAUSES OF DEPOPULATION IN THE MARCHE'S AREAS HIT BY EARTHQUAKE

*Carlo Birrozzi, Annalisa Conforti, Caterina Cocchi*..... 8

ESTIMATION OF HOUSING VACANCY DISTRIBUTION USING MUNICIPAL WASTE TAX RECORDS

*Carmelo Ignaccolo, Francesco Martinico*..... 9

AÏT EL KAÏD: FROM SPRAWL TO ROLL VILLAGE IN STUBBORN AND CONTRARY DIRECTION O LE CHEMINS QUI MONTENT

*Michele Londino, Lounes Akretche*.....10

THE WAR CONFLICT AND THE LOSS OF IDENTITY IN TOWNS OF ABRUZZO'S DIOCESES

*Michela Pirro*.....11

HERITAGE OF THE HISTORICAL REGION ARBËRESHË, CENTERS FOR THE CULTURE OF INTEGRATION

*Atanasio Pizzi, Maria Palma Tateo*.....12

BUSSANA VECCHIA ARTISTIC ARTISANAL MEDIEVAL VILLAGE. A CASE OF URBAN REGENERATION BY A COMMUNITY OF ARTISTS

*Giuliana Ricciardi*.....13



ARCHITECTURE AND PROJECT FOR THE INTERNAL AREAS RECONSTRUCTION OF THE SMALL COUNTRIES. A STRATEGY FOR DEVELOPMENT <i>Chiara Barbieri, Valentino Canturi, Felicita Ciani, Vincenzo Cogliano, Angela Colucci, Giuseppina Cusano, Bianca Del Visco, Eugenio Ienco, Nicoletta Iuliano, Clelia Maisto, Livia Russo, Maria Scalisi, Onofrio Villani, Giovanni Zucchi</i> .....	14
FORGOTTEN CITIES: ANALYSIS OF THE PROBLEMS AND CHALLENGES OF SMALL TOWNS IN BRAZIL <i>Ricardo Moretti, Eleusina Freitas, Emanuel Cavalcanti</i> .....	15
<b>TOPIC 2</b> <b>THE KNOWLEDGE OF PLACES FOR THE DEVELOPMENT OF THE TERRITORY</b> .....	<b>17</b>
HOW TO PRESERVE THE AUTHENTICITY OF THE PLACES? <i>Francesco Abbamonte, Claudia Lombardi</i> .....	19
SICILIAN WORKERS' VILLAGES OF THE 1920S. KNOWLEDGE FOR RECOVERY <i>Tiziana Basiricò</i> .....	20
XXTH CENTURY RURAL VILLAGES IN ITALY, PORTUGAL AND SPAIN. KNOWLEDGE AND VALORISATION <i>Tiziana Basiricò, Rui Braz Afonso</i> .....	21
CONSERVATIVE PROBLEMS OF ABANDONED CENTERS IN SARDINIA. ANALYSIS AND STRATEGIES <i>Bruno Billeci, Maria Dessì</i> .....	22
ANALYSIS AND KNOWLEDGE OF MEDITERRANEAN BUILT HERITAGE: SMALLER TOWNS IN THE COAST OF CALABRIA <i>Francesca Bilotta, Brunella Canonaco</i> .....	23
LANDSCAPE, SETTLEMENT AND WAY OF LIFE <i>Barbara Bogoni, Rui Braz Afonso</i> .....	24
DRAWING TWIN HAMLETS IN ABANDONMENT BETWEEN REAL AND VIRTUAL SPACE <i>Giovanni Caffio</i> .....	25
AN UNUSED TYPE: THE HOUSING OF MEZZADRI IN AGRICULTURE <i>Daniele Calisi</i> .....	26
TO REAPPROPRIATE THE VALUES IN DESUSE. THE CASE OF MORANO CALABRO <i>Brunella Canonaco</i> .....	27
THE INDUSTRIAL SMALL TOWN OF TORVISCOSA. ARCHITECTURE, FASHION AND PROPAGANDA <i>Giovanni Carli, Elena Fava</i> .....	28
THE GREAT STORY OF A SMALL VILLAGE <i>Francesca Castanò</i> .....	29
A METHODOLOGY FOR THE KNOWLEDGE OF THE SMALL HISTORICAL CENTERS: ANALYSIS OF THE VILLAGE OF ST. GIOVANNI IN GALDO IN MOLISE FOR THE TECHNOLOGICAL IDENTIFICATION OF THE CONSTRUCTIVE EPOCHS AND THE RESTORING ACCORDING ENVIRON SUSTANAIBLY CRITERIA <i>Agostino Catalano</i> .....	30



AWARENESS AS RESOURCE. THE MINOR CENTRES OF THE CENTRAL ADRIATIC AREA <i>Stefano Cecamore</i> .....	31
TRADITIONAL DWELLING CULTURES FOR A REUSE OF CALABRIAN VILLAGES <i>Rosario Chimirri, Merel Meijer</i> .....	32
URBAN THINKING. APPROACHES THAT TRANSFORM THE CITY OF CALVILLO, AGUASCALIENTES, AS A HISTORICAL, TOURISTIC AND CULTURAL LANDMARK <i>Fabiola Colmenero Fonseca, Maria Iliana Briseño Ramírez</i> .....	33
URBAN, RURAL AND NOMADIC LIFE IN THE MIDDLE EAST: THE ACTUAL CONSEQUENCES OF BIAS <i>Domenico Copertino</i> .....	34
MEDIEVAL CASTLES IN IRPINIA: MEMORY, KNOWLEDGE AND DEVELOPMENT OF THE TERRITORY <i>Giovanni Coppola</i> .....	35
THE HERITAGE VALUES AND CHALLENGES OF HISTORIC THRESHOLD LANDSCAPES IN THE SMALL TOWNS OF “THE SIERRA DE ARACENA”. THE CASE OF VALDELARCO <i>Ana Coronado Sánchez</i> .....	36
THE VULNERABILITY OF MINOR HISTORIC CENTRES IN MOUNTAIN: THE ROLE OF THE EVOLUTION OF THE COMFORT <i>Valerio Da Canal</i> .....	37
IRPINIA, TERRA DI CASTELLI, PAESI SPOSTATI, RICOSTRUITI E CONSOLIDATI <i>Giuseppe De Pascale, Pierfrancesco Fiore</i> .....	38
THE TRADITIONAL CULTURAL HERITAGE OF AN INTERIOR AREA OF WESTERN SICILY <i>Andrea D’Amore</i> .....	39
SIMPLE LINEAR COMPLEX: THE DRAWING OF THE ELEMENTS OF MINOR MOUNTAIN ARCHITECTURE <i>Andrea Donelli</i> .....	40
SYMBIOSIS BETWEEN ARCHITECTURE AND NATURE. TRADITIONAL INDUSTRIAL ARCHITECTURE IN SMALL MUNICIPALITIES: HYDRAULIC MILLS OF THE “VALLE DEL ESGUEVA” <i>Arancha Espinosa, M. Rosario del Caz</i> .....	41
IL COGNOME, STRUMENTO PER LA CONOSCENZA DEI PICCOLI CENTRI. I CATALDO, UN PONTE TRA L’IRPINIA E L’ARGENTINA <i>Stefano Esposito</i> .....	42
SMALL TOWNS OF MONTAGNA MATERANA: FROM PERIPHERAL VILLAGES TO COMMUNITY DESTINATION <i>Mariafara Favia, Giovanni Figliuolo, Antonio Gennaro Gatto</i> .....	43
TOWARDS THE VALORISATION AND CONSERVATION OF THE CASTLE OF S. ANGELO IN THE TERRITORY OF AQUILA UNTIL 1927 <i>Flavia Festuccia</i> .....	44



THE KNOWLEDGE OF CULTURAL HERITAGE THROUGH THE USE OF TECHNOLOGY: AIMS AND METHODOLOGIES <i>Chiara Frigieri, Pietro Gasparri</i> .....	45
MULTIDISCIPLINARY AND MULTISCALE KNOWLEDGE FOR THE REGENERATION OF MINOR HISTORICAL CENTRES <i>Maria Paola Gatti, Giorgio Cacciaguerra</i> .....	46
TOOLS TO PROTECT THE RURAL HERITAGE OF MOUNTAIN HUTS AND FARMSTEADS IN TROMPIA VALLEY (BRESCIA, ITALY) <i>Andrea Ghirardi, Barbara Badiani, Barbara Scala, Cristina Boniotti</i> .....	47
GEOLOGICAL SMALL TOWN IN THE CILENTO GEOPARK: THE CASE STUDY OF TORTORELLA (SA) <i>Domenico Guida, Nicoletta Guida</i> .....	48
UNCOVERING OF FORGOTTEN HERITAGE IN A SMALL RURAL SEAT AS A KEY RESOURCE FOR ITS DEVELOPMENT IN SLOVAKIA <i>Eva Král'ová</i> .....	49
L'ABBAZIA DI SANTA MARIA DE OLEARIA IN COSTA D'AMALFI: UN BENE DA RISCOPRIRE E VALORIZZARE <i>Chiara Lambert, Marielva Torino, Pasqualina Sabino, Silvia Pacifico, Giovanni Ercolino, Vincenzo Gheroldi, Sara Marazzani, Felice Perciante</i> .....	50
STRATEGIES FOR SMALL TOWN CENTRES REGENERATION: PROPOSAL FOR MONDONICO VILLAGE <i>Laura Elisabetta Malighetti, Angela Colucci</i> .....	51
SICILIAN RURAL VILLAGES: ARCHITECTURE BETWEEN TRADITION AND RATIONALISM <i>Luigi Savio Margagliotta</i> .....	52
NEW STRATEGIES FOR THE SAVOCA HISTORICAL CENTER <i>Vito Martelliano</i> .....	53
CULTURAL HERITAGE OF SMALL HISTORICAL CENTERS. THE CASTLES OF VALLERIANA <i>Alessandro Merlo, Gaia Lavoratti</i> .....	54
REPRESENTING THE URBAN SPACE TO ENHANCE THE SMALL TOWNS OF AMALFI COAST <i>Barbara Messina, Stefano Chiarenza</i> .....	55
SMALL VILLAGES: METHODS FOR KNOWLEDGE AND CONSCIOUS RECOVERY <i>Giulia Brunori, Michele Magazzù</i> .....	56
KNOWLEDGE FOR PRESERVATION: THE HYPOGEUM OF PALAZZO PERROTTA IN SUCCIVO <i>Luigi Mollo, Rosa Agliata, Marco Vigliotti, Raffaella Lione, Fabio Minutoli, Luis Palmero Iglesias</i> .....	57
NEW CONSTRUCTIVE 'TRENDS' FOR RURAL VILLAGES OF SOUTHERN ITALY: THE CASE OF BORGO PIANELLE (MATERA) <i>Antonello Pagliuca, Donato Gallo, Pier Pasquale Trausi</i> .....	58



A VIRTUAL ARCHIVE TO UNDERSTAND AND COMMUNICATE PLACES' COMPLEXITY <i>Ivana Passamani, Stefano Fasolini, Nicola Ghidinelli, Andrea Pasini</i> .....	59
THE FORTIFIED HERITAGE OF IRPINIA: A MODEL FOR THE CULTURAL AND TOURIST DEVELOPMENT OF THE TERRITORY <i>Flavio Petroccione</i> .....	60
LOCAL IDENTITY AND LOCAL DEVELOPMENT: METHODS OF KNOWLEDGE IN THE DISTRICTS DAMAGED BY THE EARTHQUAKE <i>Enrica Petrucci</i> .....	61
SPECIFICITY OF HISTORICAL AREAS IN THE DEFINITION OF URBAN PLANNING. THE CASE STUDY OF FORENZA (PZ) <i>Piergiuseppe Pontrandolfi, Antonello Azzato</i> .....	62
INTEGRATED TECHNOLOGIES FOR DOCUMENTATION, DIAGNOSIS, REPRESENTATION AND REHABILITATION OF EMILIA-ROMAGNA CULTURAL HERITAGE DEMAGED BY THE EARTHQUAKE <i>Marcello Balzani, Fabiana Raco, Martina Suppa</i> .....	63
THE WAY OF VOLTO SANTO: A SUSTAINABLE STRATEGY OF TERRITORIAL DEVELOPMENT <i>Stefano Bertocci, Silvia La Placa, Marco Ricciarini</i> .....	64
THE "RURAL HOUSES" IN TORVISCOSA (UDINE; ITALY): FROM CONSTRUCTION TO ABANDONMENT <i>Maria Vittoria Santi, Anna Frangipane, Giovanna Saveria Laiola</i> .....	65
THE TUTELAGE OF MONUMENTAL EVIDENCE IN THE DRAFTING OF THE TOWN URBANISTIC PLANS FOR THE SMALL TOWNS: THE CASE OF PIETRELCINA (BN) <i>Salvatore Scognamillo, Claudio Scognamillo</i> .....	66
THE VALDICHIANA ESTATES BETWEEN OBLIVION AND ABANDONMENT <i>Simona Talenti, Annarita Teodosio</i> .....	67
BETWEEN TRADITION AND HISTORY: THE VALORISATION OF PICCIANO, A SMALL TOWN IN THE PROVINCE OF PESCARA <i>Pasquale Tunzi</i> .....	68
VERNACULAR ARCHITECTURE AND LOCAL SEISMIC CULTURES IN TUSCANY <i>Denise Ulivieri, Stefania Landi</i> .....	69
THE POST-WAR RECONSTRUCTION OF CASSINO: FROM THE URBAN PLANNING TO THE SETTING OF INDIVIDUAL WORKS <i>Marcello Zordan, Franco Fragnoli</i> .....	70
THE MEDIEVAL VILLAGE OF "CASTELLO" IN GRAGNANO (NAPLES) ITALY, A TIMELESS HISTORY <i>Claudia Sicignano</i> .....	71
THE CLAY HILLS OF CENTRAL APENNINES: A FRAGILE TERRITORY <i>Ottavia Aristone, Lucia Serafini</i> .....	72



COLLABORATIVE KNOWLEDGE LABS: ITINERANT EXPERIMENTS FOR REHABILITATION AND MAINTENANCE OF THE BUILT ENVIRONMENT <i>Maria Rita Pinto, Daniela Bosia, Serena Viola, Stefania De Medici, Katia Fabbicatti, Lorenzo Savio</i> .....	73
THE SOURCES OF THE OFANTO RIVER: A WEALTH OF THE PAST THAT ALLOWED THE DEVELOPMENT OF SMALL RURAL TOWNS BETWEEN CAMPANIA AND BASILICATA <i>Michele Carluccio, Antonella Roselli</i> .....	74
<b>TOPIC 3</b> <b>STRATEGIES, METHODOLOGICAL PROPOSALS AND DESIGNS</b> .....	<b>75</b>
GREENWAYS AS AN OPPORTUNITY FOR LOW-CARBON TOURISM: THE VIA SILLENTE IN THE CILENTO NATIONAL PARK, THE VALLO DI DIANO AND THE ALBURNI MOUNTAINS <i>Giacomo Di Ruocco, Catello Grimaldi, Irina Di Ruocco, Mario Passannanti</i> .....	77
MAGNA GRAECIA ITINERARIES. THE "PARMENIDE WALK" THROUGH THE "WAY OF SALT": FROM THE POLIS OF ELEA TO MONTE SACRO "GELBISON" <i>Giacomo Di Ruocco, Pierfrancesco Fiore, Emanuela D'Andria, Roberta Melella</i> .....	78
PLURITEMATIC ITINERARIES: FROM THE ARCHAEOLOGICAL SITES OF POMPEI AND ERCOLANO TO THE PROTOINDUSTRIAL PRESIDES OF THE AMALFITAN DUCHY <i>Enrico Sicignano, Giacomo Di Ruocco, Irina Di Ruocco</i> .....	79
THE CULTURE OF THE CITY, A SUMMER SCHOOL IN INLAND AREAS IN THE MARCHE REGION <i>Antonello Alici, Luca Barello, Silvia Gron, Niccolò Suraci</i> .....	80
THE ANATOMY OF RUINS. REWRITINGS IN THE BELICE VALLEY <i>Manuela Antoniciello</i> .....	81
COBURG IRON MILL HERITAGE IN REGION OF HOREHRONIE IN SLOVAKIA <i>Veronika Aschenbrierová</i> .....	82
SMALL TOWNS IN LUNIGIANA BETWEEN KNOWLEDGE AND REGENERATION <i>Eleonora Chiofalo, Enrico Bascherini, Olimpia Niglio</i> .....	83
IRPINIA VILLAGES SYSTEM AS IDENTITY LINKS IN THE FLUVIAL ECOLOGICAL CORRIDORS <i>Luca Battista, Emanuela D'Andria</i> .....	84
CHALLENGES OF THE PLANNING OF SMALL TOWNS IN RELATION TO WIND POWER FARMS. STUDY IN MACAU. RN. BRAZIL <i>Dulce Bentes, Ricardo Moretti</i> .....	85
ACCESSIBILITY AND ENHANCEMENT OF ANCIENT AND SMALL VILLAGES IN ABRUZZO <i>Mariangela Bitondi</i> .....	86
UNIVERSALITY IN THE ANALYSIS OF URBAN SYSTEMS, FROM PROBLEM TO RESOURCE. IMPAIRMENTS AND PARITIES <i>Rui Braz Afonso, Jaime Magalhães Júnior</i> .....	87



A METHODOLOGICAL INSTRUMENT FOR URBAN DESIGN IN SMALL TOWNS. AN EXPERIENCE FOR THE VALORIZATION OF BELMONTE, PORTUGAL <i>Rui Braz Afonso, Rafael Sousa Santos</i> .....	88
MIGRANT DISPERSAL AS A STRATEGY TO TACKLE DEPOPULATION: A CRITICAL EXAMINATION <i>Philip Brown</i> .....	89
TOWARDS AN INDEX DEFINITION OF URBAN SEISMIC VULNERABILITY FOR ANCIENT CENTRES: A METHODOLOGICAL PROPOSAL <i>Federica Castiglione, Brunella Canonaco</i> .....	90
THE VALUE OF SMALL TOWNS TO THE ECONOMY AND THE CULTURAL HERITAGE OF EUROPE <i>Valerie Carter</i> .....	91
RASIGLIA: THE VALORIZATION OF A SMALL PROTOINDUSTRIAL VILLAGE <i>M. Elena Castore</i> .....	92
“URBINO PER BENE”: A PARTICIPATED AND SUSTAINABLE PROJECT FOR THE SAFEGUARDING AND CONSERVATION OF THE HISTORIC CENTER <i>Alessandra Cattaneo, Laura Baratin</i> .....	93
LANDSCAPE DEVELOPMENT IN CILENTO NATIONAL PARK: THE SMALL TOWNS OF MONTE STELLA AREA BETWEEN RURAL ECONOMY AND TOURISM <i>Maria Grazia Cianci, Francesca Paola Mondelli</i> .....	94
GREEN INFRASTRUCTURE FOR THE CITY OF SOMERVILLE THE SUSTAINABILITY OF THE CONTEMPORARY CITY <i>Silvia Cioci</i> .....	95
A CONTEXT AWARE APPROACH TO ENHANCE URBAN AREAS <i>Felice Argenio, Francesco Colace, Fabio Clarizia, Marco Lombardi, Francesco Pascale, Domenico Santaniello</i> .....	96
MONTERUSCIELLO AGRO-CITY LANDSCAPE PROJECT: STRATEGIES FOR A NEW RELATIONSHIP BETWEEN THE BUILT AND THE ENVIRONMENT <i>Paolo Alfano, Alessandra Como, Albina Cuomo, Domenico Guida, Luisa Smeragliuolo Perrotta, Lucia Terralavoro, Carlo Vece</i> .....	97
SLOW MOBILITY INFRASTRUCTURES AS A POTENTIAL FOR THE REVITALIZATION OF THE INTERNAL AREAS URBAN CENTERS <i>Isidoro Fasolino, Francesca Coppola, Michele Grimaldi</i> .....	98
THE ITALIAN APPLICATION OF THE SMART VILLAGE CONCEPT <i>Enrico Dassori, Clara Vite</i> .....	99
FUNCTIONAL ADAPTATION AND STRUCTURAL IMPROVEMENT OF PALAZZO DELL’ERARIO IN THE REHABILITATION COMPLETION OF THE OLD TOWN OF GESUALDO (AVELLINO, CAMPANIA, ITALY) <i>Fabio De Guglielmo</i> .....	100
THE SECOND REINASSANCE OF URBINO. DE CARLO AND AN ORGANIC MODEL FOR THE RECOVERY OF HISTORICAL CENTERS <i>Francesco Tosetto, Marco De Nobili</i> .....	101





THE ARCHITECTURE PROJECT FOR THE SMALL TOWNS. THE STUDY CASE OF CASSANO IRPINO <i>Felice De Silva</i> .....	102
DEVELOPING FRIENDLY ENVIRONMENTS WITH AGING PEOPLE TO OFFSET DEPOPULATION IN RURAL AREAS <i>M. Rosario del Caz Enjuto</i> .....	103
FROM CALABRIA TO UNICEF <i>Anna Di Giusto</i> .....	104
SMART INNER AREAS AND SPATIAL DEVELOPMENT STRATEGIES <i>Donato Di Ludovico, Luana Di Lodovico, Federico Eugeni</i> .....	105
AN INTEGRATED APPROACH TO THE EVALUATION OF INTERVENTIONS ON SCHOOL BUILDINGS IN THE CONSORTIUM BETWEEN SMALL TOWNS <i>Giuseppe Donnarumma, Pierfrancesco Fiore, Carmelo Falce</i> .....	106
ACTION-RESEARCH FOR COLLABORATIVE AND EQUITABLE REGENERATION PROCESSES IN MARGINALISED AREAS <i>Katia Fabbriatti, Stefania Oppido, Stefania Ragozino</i> .....	107
RE-FUNCTIONALIZATION STRATEGIES FOR HINTERLAND HISTORIC CENTERS. THE CASE OF THE VALLE DELL'IRNO <i>Isidoro Fasolino, Pierfrancesco Fiore, Maddalena Palumbo, Francesca Coppola</i> .....	108
ANALYSIS AND PROPOSALS FOR THE RECOVERY AND VALORIZATION OF ABANDONED HISTORICAL SMALL TOWNS. THE CASE STUDY OF CRACO (BASILICATA REGION, SOUTHERN ITALY) <i>Settimio Ferlisi, Pierfrancesco Fiore, Mariangela Viceconte</i> .....	109
LA TRASFORMAZIONE DEL PAESAGGIO URBANO NEL RISPETTO DEL “CARATTERE ESSENZIALE”: STRATEGIE COMPOSITIVE PER IL RECUPERO DI SAVOCA (ME) <i>Emanuele Fidone, Fabio Guarrera</i> .....	110
AN INTERNATIONAL CHARTER FOR THE VALORIZATION OF BUILDING, LANDSCAPE AND CULTURAL HERITAGE OF SMALL TOWNS IN INLAND AREAS <i>Pierfrancesco Fiore, Emanuela D'Andria, Giuseppe Donnarumma</i> .....	111
SURVEY AND VALORIZATION OF THE HISTORICAL CENTRES GAMIFICATION AND STRUCTURE FROM MOTION <i>Michela Cigola, Teresa Della Corte, Francesco Fontanella, Arturo Gallozzi, Silvia Gargaro, Mario Molinara, Ramona Quattrini, Luca J. Senatore, Rodolfo Maria Strollo</i> .....	112
SEWING A SMALL TOWN: AN INTERNATIONAL ARCHITECTURE SUMMER SCHOOL TO REFLECT ON NEW STRATEGIES OF CONSCIOUS INTERVENTION OF RECOVERY AND VALORIZATION <i>Cinzia Gavello</i> .....	113
MULTISCALE ANALYSIS OF MINOR HISTORICAL CENTRES AND PLANNING OF URBAN REGENERATION INTERVENTIONS THROUGH THE INTEGRATION OF HERITAGE BIM AND GIS TOOLS AND PLATFORMS <i>Elena Gliarelli, Raffaele Pontrandolfi, Filippo Calcerano</i> .....	114
MUSIC AND MEMORY FOR THE FUTURE OF MONTAGANO <i>Paolo Girardelli</i> .....	115



COUNTRIES, RURALITY, NATURE: A STRATEGY FOR THE REVITALIZATION OF THE MATESE INNER AREA <i>Antonella Golino, Rossano Pazzagli</i> .....	116
QUARRIES AND VILLAGES: STRATEGIES FOR RECOVERY <i>Catello Grimaldi, Carmelo Falce</i> .....	117
A SPATIAL DECISION SUPPORT SYSTEM FOR THE KNOWLEDGE AND VALORIZATION OF THE RELIGIOUS ITINERARY OF THE VERGINIAN FATHERS <i>Michele Grimaldi, Pierfrancesco Fiore, Emanuela D'Andria, Anna Landi</i> .....	118
THE REUSE OF OLD TEXTILE MILL FOR A LIBRARY <i>Valentina Guagliardi</i> .....	119
NETWORK OF SMALL TOWNS. THEMES AND PROJECTS IN THE TERRITORY OF TINDARI <i>Renzo Lecardane, Paola La Scala</i> .....	120
A VILLAGES NETWORK ALONG THE VIA FRANCIGENA NEL SUD FOR THE VALORIZATION OF THE TERRITORY: THE CASE OF RIARDO IN THE "ALTO CASERTANO" <i>Enrica Leccisi, Laura Ponzio</i> .....	121
ITALIAN SMALL VILLAGES: STRENGTHS AND WEAKNESSES OF ON-GOING STRATEGIES FOR REVITALIZING A FRAGILE HERITAGE <i>Adriana Galderisi, Giada Limongi</i> .....	122
HISTORICAL BUILDING: SYNOPTIC FRAMEWORK OF CAUSES, EFFECTS, CORRECTIVE MEASURES <i>Raffaella Lione, Fabio Minutoli, Luigi Mollo, Rosa Agliata</i> .....	123
NEW SMARTNESS FOR SMALL HISTORIC TOWNS <i>Antonella Mami</i> .....	124
STRATEGIES FOR THE VALORIZATION OF THE SMALL TOWNS IN THE INLAND AREAS OF SICILY <i>Antonino Margagliotta</i> .....	125
REGENERATION STRATEGIES FOR THE VALLO DI DIANO INNER AREA: THE CASE STUDY OF S. ARSENIO <i>Rossella Marmo, Adriana Luciano, Francesco Polverino</i> .....	126
URBAN PLANNING IN ITALIAN INLAND AREAS: SOME CASE STUDIES IN CAMPANIA REGION <i>Roberto Gerundo, Alessandra Marra</i> .....	127
INFRASTRUCTURE AND PROCESS TO SMALL TOWNS <i>Calogero Marzullo</i> .....	128
TO LIVE ABOVE: THE VALUE OF SOIL IN THE TERRITORY OF ALTO VALLO DI DIANO <i>Giuseppe Mastrangelo, Niccolò Suraci</i> .....	129
LOCAL COMMUNITY ACTIVATION BY TRADITIONAL BUILDING SCHOOL ON SITE IN RURAL CONTEXT <i>Gianfranca Mastroianni, Marina Fumo, Gabriella Saudella, Amelia Maris</i> .....	130



ABOUT LOCAL MUSEUM: THE CULTURAL FUNCTION IN SMALL TOWNS RE-GENERATION PROJECTS <i>Elisabetta Matarazzo</i> .....	131
URBAN PLANNING AND ITS IMPACT ON THE ARCHITECTURAL HERITAGE OF AL-QUDS <i>Amira Mersal</i> .....	132
“ETERNAL REBIRTH”. THE DIFFICULT DEVELOPMENT OF URBAN IDENTITY BETWEEN DESTRUCTION, RECONSTRUCTION AND NEW FORMAL LAYOUTS. THE CASE OF ARGENTA (FERRARA, ITALY) <i>Andreina Milan, Enrico Pietrogrande</i> .....	133
AGAINST URBAN DISLOCATION: TOWARDS A COMMUNITY SHARED CULTURE AND A HYPER-CONNECTED TERRITORY <i>Mickeal Milocco Borlini</i> .....	134
GENERATIVE PROGRAMS FOR URBAN REGENERATION IN HISTORICAL SETTLEMENTS. DERIVING LESSONS FROM THE TRADITIONAL BUILDING SYSTEM IN CALABRIA, ITALY <i>Guglielmo Minervino</i> .....	135
THE ANCIENT TOWN OF PRUSAC – BY VALORISATION TOWARDS SUSTAINABILITY <i>Adnan Miralem</i> .....	136
KNOWLEDGE AND SOCIO-CULTURAL ACTIVATION OF A DISPERSED HERITAGE: THE DEFENSIVE ARCHITECTURE OF THE MOORISH STRIP IN SOUTHERN SPAIN <i>Juan Francisco Molina Rozalem</i> .....	137
FROM ABANDONED PLACES TO SUSTAINABLE SETTLEMENTS: REUSE OF EXISTING BUILDINGS AND MATERIALS INVOLVING INHABITANTS IN A SMALL VILLAGE IN SARDINIA <i>Antonello Monsù Scolaro, Manuela Demurtas</i> .....	138
STRATEGY FOR THE DEVELOPMENT OF ABANDONED VILLAGES: THE NAVELLI CASE <i>Francesco Gravina, Onofrio Lofù, Daniela Mastrogiacomo, Calogero Montalbano</i> .....	139
THE INNOVATIVE REGENERATION PROJECT OF THE “GOLFO DELL’ISOLA” IN LIGURIA <i>Enrico Dassori, Renata Morbiducci, Clara Vite</i> .....	140
ACTORS’ INFLUENCES ON LAND USE PLANNING DECISIONS IN SMALL TOWNS. THE CASE OF GEITA, GAIRO AND KIBITI TOWNS IN TANZANIA <i>Ally H. Namangaya, Dawah M. Mushi</i> .....	141
AGRO-TOURISM AS AN OPPURTUNITY TO REVIVE THE ECONOMY OF SMALL TOWN <i>Rahul Nawle, Shwethashree A, Kedar S Deshpande</i> .....	142
PUBLIC ART IN THE SMALL TOWNS <i>Maurizio Pagotto</i> .....	143



EL PALMAR: THE TRANSFORMATION OF AN OLD FISHING VILLAGE INTO A RENOWNED GASTRONOMIC TOURIST RESORT ON THE VALENCIA COAST (SPAIN)

*Luis Manuel Palmero Iglesias, Graziella Bernardo*..... 144

THE HIDDEN HERITAGE IN THE INTERNAL AREAS OF THE CAMPANIA REGION

*Maria Ines Pascariello*..... 145

LANDSCAPE AS EDUCATIONAL-EXPERIENTIAL THEME TO RE-DWELLING THE SMALL CENTERS OF THE CILENTO NATIONAL PARK. A PROPOSAL FOR SANT'ARSENIO

*Pasquale Persico, Roberto Vanacore*..... 146

EDUCATIONAL-EXPERIENTIAL PRODUCING THEME TO RE-DWELLING THE SMALL CENTERS IN CAIRANO

*Pasquale Persico, Bruno Deconciliis*..... 147

HISTORIC VILLAGES IN CAMPANIA, BETWEEN ABANDONMENT, RESTORATION AND NEW SIGNIFICANCE

*Renata Picone*..... 148

COMMUNITY SUPPORTED HISTORICAL CENTERS. TOOLS AND TRIGGERS FOR A POSSIBLE RETURN

*Sonia Pistidda*..... 149

WELCOMING OF MIGRANTS, DEVELOPMENT AND REGENERATION OF SMALL TOWNS. PROPOSALS FOR THE INTERNAL AREA OF MERCURE-ALTO SINNIVAL SARMENTO IN THE BASILICATA REGION

*Piergiuseppe Pontrandolfi, Angela Anna Petrieglano*..... 150

SMALL TOWN REVIVAL: CAN COMMUNITY ENTERPRISES HELP PLACES ACHIEVE THEIR POTENTIAL?

*Neil A. Powe*..... 151

RECONSTRUCTION AND REQUALIFICATION OF HISTORICAL CENTERS: THE CASE OF ARISCHIA

*Francesca Primicerio, Emanuela D'Andria*..... 152

MINOR CENTRES AT THE "CENTRE"? POLICIES, VALORISATION STRATEGIES AND IMPLEMENTATION OF THE SDGS

*Gabriella Pultrone*..... 153

AN INNOVATIVE TEACHING MODULE INSIDE VVITA PROJECT - SUSTAINABLE AND INCLUSIVE DEVELOPMENT OF STRATEGIES TO VITALIZE VILLAGES THROUGH INNOVATIVE ARCHITECTURE TECHNOLOGIES

*Vincenzo Sapienza, Chiara Bertolin, Ivo Caliò, Simona Calvagna, Luca Finocchiaro, Antonio Gagliano, Mihaela Hărmănescu, Elena Cristina Mândrescu, Giuseppe Margani, Marina Mihăilă, Adrian Moleavin, Andra Panait, Gianluca Rodonò, Markus Schwai, Marius Voica*..... 154

FROM KNOWLEDGE TO ACTION: METHOD AND MODEL FOR THE REVITALIZATION OF SMALL TOWNS

*Barbara Barboni, Elisa Roncaccia*..... 155

HIDDEN HERITAGES: NEW TECHNOLOGIES FOR THE NARRATION OF PLACES DIFFICULT TO REACH

*Maria Elisabetta Ruggiero, Ruggero Torti*..... 156



BAMBOO AS REINFORCEMENT FOR STRUCTURAL ELEMENTS: A 35-YEAR-OLD CASE STUDY <i>Andrés Salas Montoya, Jorge Andres Robledo Posada, Fernando Torres Corrales</i> .....	157
LANDSCAPE ARCHAEOLOGY AND PLANNING IN THE RURAL AREAS <i>Alfonso Santoriello</i> .....	158
THE RE-GENERATION OF THE URBAN BIOREGION <i>Claudio Saragosa, Michela Chiti</i> .....	159
RESTORATION AND VALORIZATION OF NATURAL AND ARTIFICIAL ELEMENTS TO CREATE SOCIAL RELATIONS <i>Adriana Scarponi</i> .....	160
DRY CONSTRUCTION TECHNIQUES FOR THE SUSTAINABLE REUSE <i>Lorenzo Secchiari</i> .....	161
ATTEMPTS FOR THE REPOPULATION AND THE CONSERVATION OF THE BUILT HERITAGE. CRITICAL READING OF SOME EXPERIENCES <i>Benedetta Silva</i> .....	162
ARCHITECTURE AS TOOL FOR UNVEILING, INTERPRETING AND ENHANCING IDENTITY OF THE SMALL CENTERS <i>Roberto Vanacore</i> .....	163
ARCIPELAGO ITALIA TO BE CONTINUED: CAIRANO ORGANIC HAMLET <i>Angelo Verderosa</i> .....	164
THE CHALLENGE FOR INLAND AREAS AND THE ROLE OF ARCHITECTURE <i>Benedetta Verderosa</i> .....	165
CONCEPTUAL PROPOSALS FOR THE DEVELOPMENT OF CINQUE TERRE NATIONAL PARK AS A RESULT OF INTERACTIVE LEARNING <i>Nadia Yeksarova, Vladimir Yeksarov, Anatoly Yeksarev</i> .....	166
INLAND. ART ARCHITECTURE ANTIFRAGILE <i>Luca Zecchin</i> .....	167
TRIVERO. WHEN THE DEVELOPMENT OF THE TERRITORY BECOMES A LEGACY FOR FUTURE GENERATIONS <i>Luca Zilio</i> .....	168
METHODOLOGICAL PROPOSALS FOR THE RECONSTRUCTION OF TWO HISTORICAL CENTERS DAMAGED BY THE EARTHQUAKE: CONCORDIA SULLA SECCHIA (MO – ITALY) E CAMPI DI NORCIA (PG – ITALY) <i>Andrea Giannantoni, Marco Zuppiroli</i> .....	169
RE-INHABITING ALICIA <i>Roberto Dini, Valerio Della Scala, Silvia Lanteri</i> .....	170
<b>TOPIC 4</b> <b>SUSTAINABLE RECOVERY AND REUSE OF BUILT HERITAGE</b> .....	<b>171</b>
SUSTAINABLE MODEL TOWARDS RECOVERY AND ADAPTIVE REUSE OF ABANDONED HERITAGE VILLAGES: A PROJECT CASE FROM JORDAN <i>Nizar Al Adarbeh, Mohammed El Khalili</i> .....	173



TECHNOLOGICAL RESTORATION AND SOCIAL REDEVELOPMENT OF SMALL HISTORICAL CENTRES OF ABRUZZO <i>Antonio Basti</i> .....	174
RECOVERING OF ABANDONED TOWNS. A SUSTAINABLE STRATEGY FOR CONSTRUCTION AND DEMOLITION WASTE MANAGEMENT <i>Begoña Blandón González, Reyes Rodríguez García</i> .....	175
RESTORATION OF AN HISTORIC WATERMILL IN NOCERA UMBRA <i>Francesco Broglia</i> .....	176
SEISMIC IMPROVEMENT AND RESTORATION OF THE “PALAZZO RINALDI” IN PONTELANDOLFO (BN): A CASE OF SUSTAINABLE RECOVERY <i>Vincenzo Calvanese</i> .....	177
“STONE ROOTS”. ARCHITECTURE AND TRADITION IN A NORTHEASTERN VALLEY <i>Angelo Bertolazzi, Francesco Chinellato, Giorgio Croatto, Livio Petriccione, Giovanni Santi, Umberto Turrini</i> .....	178
VENZONE, A SMALL WALLED CITY, DESTROYED AND REBUILT <i>Aldo de Marco</i> .....	179
THE RECOVERY OF HERITAGE AS A CONTRIBUTION TO CONTEMPORARY CULTURE <i>Ubaldo García Torrente, Marisol García Torrente</i> .....	180
FROM URBAN WRECKAGE TO SOCIAL RESOURCE. SUSTAINABLE RESTORATION OF THE BUILT HERITAGE IN NAVELLI (AQ) <i>Eva Coïsson, Barbara Gherri, Angela Desideri</i> .....	181
RISKS AND BENEFITS OF INTERNAL INSULATION AS A MEASURE FOR HISTORIC BUILDINGS ENERGY RENOVATION <i>Andrea Gianangeli, Gianluca Maracchini, Elisa Di Giuseppe, Marco D’Orazio</i> .....	182
SANTA MARIA LA NOVA IN CONVERSANO: RESTORATION AND REUSE OF A LOST CHURCH <i>Piernicola Cosimo Intini, Pietro Intini</i> .....	183
FROM HEALTHY PERSPECTIVE IN THE REHABILITATION OF ARCHITECTURAL HERITAGE TO SUSTAINABLE DEVELOPMENT <i>Emanuele Leporelli, Andrea Mannocci, Giovanni Santi</i> .....	184
FROM PALEOLITHIC TO ANTHROPOCENE. A NEW LIFE FOR MONTEPOGGIOLO <i>Alessandro Marata</i> .....	185
SKILLED INSTRUMENTS FOR THE RECONSTRUCTION OF THE RURAL LANDSCAPE AFTER THE 2012 EMILIA-ROMAGNA EARTHQUAKE <i>Manlio Montuori</i> .....	186
RURAL ARCHITECTURE OF THE VILLAGES, SOLUTIONS FOR THE ENHANCEMENT AND FUNCTIONAL RECOVERY. BORGO TACCONE <i>Antonella Guida, Vito Domenico Porcari, Giulio Pacente</i> .....	187
HERITAGE PRESERVATION: CHALLENGES AND PERSPECTIVE <i>Alessandro Baratta, Ileana Corbi, Ottavia Corbi, Livia De Andreis, Luciano Marchetti, Domenico Greco, Luigi Petti</i> .....	188



RESTORATION STUDY OF PALAZZO PONTILLO AS A WAY TO REVALUE CHIANGINALEA, “THE LITTLE VENICE OF THE SOUTH” <i>Silvia Pontillo, Francisco Gonzalez Yunta, Esther Moreno Fernandez, Alberto Sepulcre Aguilar</i> .....	189
REVIVING ABANDONED RELIGIOUS ARCHITECTURAL HERITAGE BY MEANS OF MULTI CRITERIA ANALYSIS TECHNIQUES IN A SMALL CENTRE OF THE MONTE PISANO AREA <i>Elisabetta Pozzobon, Ewa Karwacka</i> .....	190
GUIDELINES FOR THE ENVIRONMENTAL SUSTAINABILITY AND THE ENERGY EFFICIENCY OF ARQUATA DEL TRONTO <i>Giuseppe Losco, Andrea Pierleoni, Elisa Roncaccia</i> .....	191
SUSTAINABILITY FOR FUTURE GENERATIONS: KINDERGARTEN IN PELLARE (SA) <i>Massimiliano Ruggiero</i> .....	192
TECHNOLOGICAL AND URBAN REUSE OF ZUNGOLI <i>Camilla Sansone</i> .....	193
THE ARCHITECTURAL PROJECT BETWEEN REUSE AND URBAN RENOVATION IN THE CITY OF THE MEDITERRANEAN <i>Adriana Sarro</i> .....	194
REFURBISHMENT AND REUSE OF A FARMHOUSE IN RAGUSA, ITALY <i>Gaetano Sciuto, Stefano Cascone</i> .....	195
COMPATIBILITY AND SUSTAINABILITY OF ENERGY RETROFIT INTERVENTIONS ON LISTED BUILDINGS <i>Maurizio Nicolella, Claudio Scognamillo, Federica Vitale</i> .....	196
THE ACTIVE CONSERVATION OF THE SMALL CENTERS IN ABRUZZO IN THE POST EARTHQUAKE RECONSTRUCTION PROCESS <i>Alessandra Tosone, Alessandra Bellicoso, Danilo Di Donato</i> .....	197
ABANDONMENT PLACES. THE RESILIENCE OF SMALL TOWNS IN IRPINIA <i>Clara Verazzo, Giulia Molinaro</i> .....	198
RELIGIOUS FACTORIES IN THE RURAL GARGANO. THEMES OF PROTECTION AND CONSERVATION <i>Clara Verazzo, Olga Tardio</i> .....	199
JAZZI ROAD. REUSE AND ENHANCEMENT OF CILENTO ARCHITECTURE <i>Luigi Veronese, Mariarosaria Villani</i> .....	200
HYDROPOWER GENERATION FROM DRAINPIPES. A FEASIBILITY STUDY FOR SMALL BUILDINGS <i>Giacomo Viccione, Antonio Nesticò, Maurizio Cimmino, Federica Vernieri</i> .....	201
LIVE AGAIN HISTORIC BUILDINGS IN HISTORIC DISTRICTS AS ENERGY RETROFIT STRATEGY – A CASE STUDY <i>Elena Cantatore, Fabio Fatiguso</i> .....	202



**TOPIC 5**

<b>APPRAISAL AND ECONOMIC EVALUATION ISSUES .....</b>	<b>203</b>
MULTI-SCALAR ANALYSIS SYSTEM FOR PRIORITISING INTERVENTION OF HISTORICAL HERITAGE: THE CASE OF PAHUATLÁN DE VALLE, PUEBLA, MEXICO	
<i>Jaime Antonio Parra Aldave, Ignacio Lombillo Vozmediano, Cecilia Ribalaygua Batalla.....</i>	<i>205</i>
MULTI-SCALE, MULTI-GENERATIONAL AND INTER-TEMPORAL STRATEGIC GOVERNANCE IN NATIONAL PARKS INTEGRATED MANAGEMENT PROGRAMS: THE NATIONAL PARK OF CILENTO, VALLO DI DIANO AND ALBURNI	
<i>Pasquale Persico, Maria Cerreta.....</i>	<i>206</i>
RECOVERY AND VALORISATION OF HISTORICAL SMALL TOWNS. A MODEL FOR ASSESSING THE INVESTMENT RISK	
<i>Gianluigi De Mare, Gabriella Maselli, Antonio Nesticò.....</i>	<i>207</i>
SMALL TOWNS AND VALORIZATION STRATEGIES	
<i>Antonio Nesticò, Emanuela D'Andria, Pierfrancesco Fiore.....</i>	<i>208</i>
SMALL TOWNS IN IRPINIA: SOCIO-ECONOMIC DYNAMICS AND REAL ESTATE MARKET	
<i>Fabiana Forte, Luigi Maffei, Pierfrancesco De Paola.....</i>	<i>209</i>
A DECISION-MAKING PROCESS FOR REVITALIZATION OF INLAND AND MARGINAL AREAS: A MULTI-METHODOLOGICAL ASSESSMENT APPROACH	
<i>Lucia Della Spina.....</i>	<i>210</i>
SEISMIC VULNERABILITY REDUCTION IN THE HISTORICAL URBAN FABRICS. A VALUATION PLANNING APPROACH	
<i>Salvatore Giuffrida, Caterina Carocci, Chiara Circo, Margherita Giuffrè, Maria Rosa Trovato, Vittoria Ventura.....</i>	<i>211</i>
SETTLEMENT DYNAMICS AND TERRITORIAL HERITAGE AT RISK. THE CASE OF THE ALBENGA SUB-REGION	
<i>Giampiero Lombardini.....</i>	<i>212</i>
RESIDENTIAL TOURISM IN SMALL TOWNS. AN APPRAISAL STUDY ABOUT TOURIST DYNAMICS	
<i>Francesca Salvo, Tullio Romita, Manuela De Ruggiero, Daniela Tavano.....</i>	<i>213</i>
A MULTI-ATTRIBUTE MODEL FOR THE EVALUATION OF SUSTAINABLE REUSE OF TRADITIONAL HOUSES IN THE CARNIC ALPS	
<i>Carlo Antonio Stival, Raul Berto, Paolo Rosato.....</i>	<i>214</i>
<b>IMAGES.....</b>	<b>215</b>





# METHODOLOGICAL PROPOSALS FOR THE RECONSTRUCTION OF TWO HISTORICAL CENTERS DAMAGED BY THE EARTHQUAKE: CONCORDIA SULLA SECCHIA (MO – ITALY) E CAMPI DI NORCIA (PG – ITALY)

Andrea Giannantoni<sup>1</sup>, Marco Zuppiroli<sup>2</sup>

<sup>1</sup> Sapienza - University of Rome, Italy  
andrea.giannantoni@gmail.com

<sup>2</sup> University of Ferrara, Italy  
marco.zuppiroli@unife.it

**Keywords:** urban restoration, typological process, structural damage, reconstruction, reintegration

**Topic:** 3. Strategies, methodological proposals and designs.

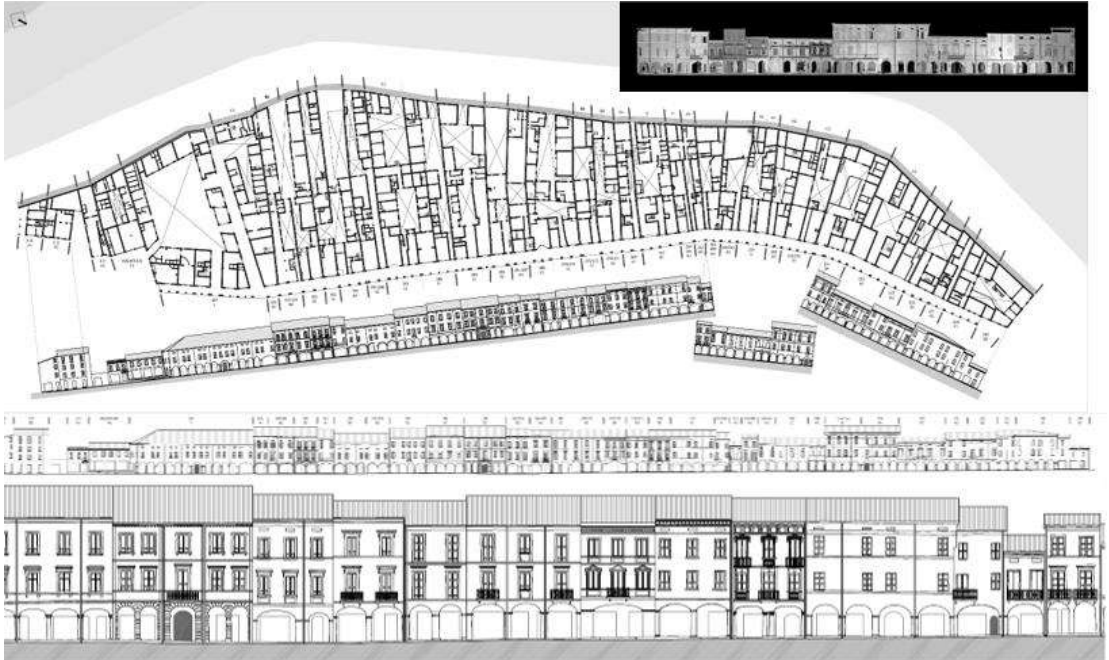
**Abstract** For a long time, the Restoration Laboratory of the Architecture Department at Ferrara University has faced the reconstruction of aggregated historical buildings damaged by earthquakes, mild or strong. Keeping some conservation criteria firm, the research has had as its aim on the one hand consolidation of historical buildings heavily damaged by seismic activity, on the other hand the reconstruction criteria of ruined urban aggregate. The study of historic urban cadastre, the typological process interpretation, and the analysis of constructive and structural characters are essential in these two operational proposals.

In theory the principles of Ferrara restoration school, in this case referred on the urban organism scale, allow to critically face the issue of reintegration of urban lack. In practical terms, the survey system using laser scanner technology permits to obtain an exhaustive morphological characterization of historic buildings, before the construction, with particular reference to the understanding of structural damages that cannot be seen directly on the architectural surface.



# METHODOLOGICAL PROPOSALS FOR THE RE-CONSTRUCTION OF TWO HISTORICAL CENTERS DAMAGED BY THE EARTHQUAKE: CONCORDIA SULLA SECCHIA (MO – ITALY) E CAMPI DI NORCIA (PG – ITALY).

Abstract pag. 169



**Fig. 1** Concordia sulla Secchia (MO) a plan view of historic centre

*Concordia sulla Secchia (MO) una planimetria del centro storico*



**Fig. 2** Campi di Norcia (PG) a panoramic view of historic centre

*Campi di Norcia (PG) una vista panoramica del centro storico*



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