

# PAPERS PRESENTED AT CONFERENCES DEALING WITH MILITARY HERITAGE 2012-2014

This is a collection of titles of papers presented at three conferences concerned with fortification studies in the past three years, together with a number of theses on fortification subjects and similar papers. We hope to add to this list as and when new material is published.

Papers can be read online through the relevant websites. John Harris has pdfs of some of the conference material and could supply individual papers if other attempts to obtain them are unsuccessful.

The FSG is not responsible for the content of these papers and cannot guarantee to put anyone in contact with the author of the paper.

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## Wessex Institute of Technology: First International Conference on Defence Sites Heritage and Future

Portsmouth: 6-8 June 2012

[www.witpress.com/elibrary/wittransactions-on-the-built-environment/123](http://www.witpress.com/elibrary/wittransactions-on-the-built-environment/123)

The Naval Dockyards Society: the first fifteen years  
*J. D. Davies*

Klaipėda (Memel) naval fort – museum  
*R. Adomavičius*

Bordj Hamza, description, pathology and restoration  
*S. Messikh*

Castle Pinckney  
*A. R. Wilson & M. Schara*

Conservation and protection of the Bosnian kingdom: medieval military fortifications and interventions on it  
*L. Kudumović, A. Čaušević, N. Rustempašić & N. Kuljuh*

Structural assessment of heritage buildings  
*M. Holický & M. Sykora*

Present day problems with historic innovations  
*R. Brueckner & P. Lambert*

Protect and survive  
*D. Page*

Use of laser-scanner as an intervention tool in fortifications: Santa Barbara Castle in Alicante

*V. Echarrri Iribarrena, M. I. Pérez Millán, A. González Avilés, J. Garabito López & A. Priego Valladares*

Visual screening for a potential evaluation of seismic vulnerability of historical building: Palace of the Dey (Citadel of Algiers)

*A. Abdessemed-Foufa*

The future of fortifications in the city of Cadiz: opportunities and strategies for an urban regeneration

*C. Rubio Bellido, P. Gallego Pérez & R. Llácer Pantió*

Regeneration of part of the historic fortified town of Monção, Portugal

*J. P. Delgado & A. Sá Machado*

The fortifications of Sydney, Australia: adaptive re-use and issues around public access

*P. R. Davies*

A unique journey in preserving nuclear industrial heritage

*J. B. Gunn*

The positive impact of the Airborne and Special Operations Museum on the surrounding civilian community

*N. Suarez & J. Bartlinski*

Reinventing the Brooklyn Navy Yard: a national model for sustainable urban industrial job creation

*A. H. Kimball & D. Romano*

Transforming from a cold war military heritage site into a new tourist destination: the case of Matsu Archipelago

*C. C. Fu*

Dora I: from submarine pen to cultural bunker

*S. Carstens*

Concealment or spectacularisation: analysing the heritagisation process of old prisons

*G. Swensen*

Learning from experience: defence disposals in the UK contrasted with sustainable redevelopment in four US east coast navy yards

*C. M. Clark*

All that you leave behind: the territorial relationship of heritage defence sites and military bases

*A. R. Harrington*

Community involvement and military heritage conservation: a case study of the demolition of the Antwerp sixteenth-century fortifications

*J. Dobbels & I. Bertels*

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## Wessex Institute of Technology: Second International Conference on Defence Sites Heritage and Future

Venice: 17-19 September 2014

[www.witpress.com/elibrary/wittransactions-on-the-built-environment/143](http://www.witpress.com/elibrary/wittransactions-on-the-built-environment/143)

### Section 1: Military heritage history

The ecological footprint and the evolution of some Roman sites on the Danube River:

*D. Constantinescu & A. B. Carlan*

Military buildings: from being abandoned to reuse:

*M. P. Gatti & G. Cacciaguerra*

"New life" for defence military architecture: the case of the sighting towers in Basilicata

*A. Guida, A. Pagliuca & G. Damone*

Layout and shape of Dürer's Geschützrondellen in the Spanish defensive architecture: the horseshoe pattern in the Enlightenment

*J. Lluís i Ginovart, J. M. Toldrà Domingo, A. Costa Jover, S. Coll Pla & P. de Sola Morales i Serra*

Juan Bautista Antonelli: the first example of Alicante's bastioned fortifications

*A. B. González Avilés, M. I. Pérez Millán & A. L. Galiano Garrigós*

The controversies between Jacobo Fratin and Vespasian Gonzaga on the project of the citadel of Pamplona in the late sixteenth century

*V. Echarri & A. Galiano*

The fortification of Alicante designed by the engineer Ambrosio Borçano

*M. I. Pérez Millán, A. B. González Avilés & V. Echarri Iribarren*

Analysing nineteenth century military building typologies: an Australian perspective

*N. K. Boyd & J. Rice*

How to preserve the First World War military heritage

*M.-M. Damien*

### Section 2: Transition from military to civilian life

Make art not war: defence sites find new life as centres of creativity

*C. Clark*

Adaptive reuse of military establishments as museums: conservation vs. museography  
*K. Günçe & D. Mısırlısoy*

From a military seaplane base to an international circuit: a study of Toko Seaplane Base as a controversial heritage site  
*C. Y. Tu & C. C. Fu*

### **Section 3: Castles and fortresses**

Assessment of the masonry strength of the fortress in Terezin  
*M. Holicky, M. Sykora & V. Vacek*

Potential analysis of the Templar Castle of Monzón in Huesca, Spain as a tourist attraction  
*M. Morant, P. Alonso-Monasterio, M. J. Viñals & L. Teruel*

The red castle of Castellorizo: the island's strategic significance and the castle's historical representations  
*M. Zotos*

A recreational carrying capacity assessment of the 16th century Spanish Fort of Santiago on the Island of Chikly, Tunisia  
*M. J. Viñals, I. Martínez, A. Abdennadher & L. Teruel*

The culture of immanence in the re-use of revival architecture: a new life for Tafuri Castle in Sicily (Portopalo di Capo Passero, Syracuse, Italy)  
*F. Cantone*

The Tunisian Wetlands Centre: modern uses for the Ottoman Fort of Borj El Loutani (Ghar El Melh)  
*M. J. Viñals, P. Alonso-Monasterio, M. Alonso-Monasterio & M. Morant*

Preservation criteria applied to the case study of a 19th century fortress  
*C. Mileto, F. Vegas, V. Cristini & J. R. Ruiz-Checa*

Walled towns as defensive cultural landscapes: a case study of Alanya – a walled town in Turkey  
*B. Tülek & M. Atik*

### **Section 4: Fortified cities**

Urbanisation of former city fortifications in The Netherlands between 1805 and 2013  
*G. A. Verschuure-Stuip & B. Labuhn*

Stratigraphic evidence in the ancient urban walls of Cagliari, Sardinia, Italy  
*D. R. Fiorino*

## Section 5: Risk assessment

Conservation of defence heritage structures using corrosion protection techniques  
*R. Brueckner & P. Lambert*

Using RFID to detect UXO prior to repurposing land for civilian use  
*C. W. Axelrod*

## Section 6: Defence tourism

Accessibility to the historic defence sites of Oman for people with mobility impairment: the cases of the Nakhal, Al Hazm and Khasab fortifications  
*M. A. K. Al-Belushi*

Conservation and development of military sites on Kinmen Island  
*Y. J. Tseng & S. Y. Chen*

Participation in and access to the defence heritage: some Swedish examples  
*A. Bodin*

## Section 7: Case studies

The history and legacy of the United States Naval Communication Station in Thurso, Scotland  
*J. B. Gunn*

The Master Plan of Fortifications as a management tool for the conservation and development of the defence heritage of Cádiz  
*C. Rubio-Bellido & M. Ureta-Gragera*

Fortification system in Valdivia, Chile: relevant Spanish colonial urban settlement expressions transferred to America  
*M. Pizzi*

The Old City of Jeddah: from a walled city to a heritage site  
*M. Bagader*

Protection, conservation and enhancement of the medieval tower of Vilar and its surroundings, Lousada, Portugal  
*M. Malheiro*

Spanish fortifications in Asia: a case study of Intramuros district in Manila – current situation and future prospects  
*J. R. Jiménez Verdejo, J. M. Cabeza-Lainez, J. A. Pulido-Arcas & C. Rubio-Bellido*

Creative destruction? Cases of defence conversion in the United States  
*C. Preble*

# International Conference on Fortified Heritage: Management and Sustainable Heritage. Pamplona 15-17 October 2014

<http://congress.fortiuspamplonabayonne.eu>

## Invited Speakers:

### The military monument Master Class and Round Table 1

ICOFORT; Visión Global para la Conservación y Manejo del Patrimonio Fortificado  
*Milagros Flores Román*

Estudio y Caracterización de Sistemas Territoriales de Fortificación  
*Fernando Cobos*

Enhancing an archaeological site inside the city-fortress as a contribution to the sustainability of Almeida  
*João Campos*

El nuevo rostro de Melilla La Vieja  
*Salvador Moreno*

### Master Class and Round Table 2

The At Fort project: results of EU cooperation  
*Peter Ros*

Valoración de las fortificaciones para la gestión  
*Juan Antonio Rodríguez-Villasante*

Problems of the protection, conservation and re-use of the military monuments in Poland  
*Lidia Klupsz*

### The monument and its urban scale Master Class and Round Table 3

Les fortifications de Vauban: la gouvernance d'un bien en série inscrit au Patrimoine mondial  
*Nicolas Faucherre, Marieke Steenbergen*

El Plan Nacional de Arquitectura Defensiva. Recomendaciones para el re-uso y sostenibilidad del patrimonio defensivo en su escala urbana  
*Belén Rodríguez Nuere*

Paisaje urbano y ética de sociedad  
*José María Ballester*

Revalorizing the military architecture heritage – the Maltese experience

*Stephen C. Spiteri*

Heritage development: what is heritage development and why do we need it?

*Gerco Meijer, Indira Žuljević*

#### **Master Class and Round Table 4**

Fortifications at risk: the restoration and re-use of fortified built heritage in Britain and Ireland

*William H. Clements*

El patrimonio monumental militar: Recurso turístico

*Juan Manuel Alfaro Guixot*

La Ciudadela como foco cultural de Jaca Benjamín Casanova

Las murallas de Hondarribia, una oportunidad para la ciudad

*Miren Ayerbe*

Bayonne, un patrimoine rendu á ses habitants

*Henri Lauqué*

#### **The monument as an opportunity**

#### **Master Class and Round Table 5**

Las fortificaciones de La Habana. Un patrimonio mundial con potencialidades para el desarrollo turístico y cultural

*Tamara Blanes*

Buenas prácticas en Patrimonio Cultural

*Araceli Pereda*

Pour un patrimoine fortifié vivant: Concilier les usages contemporains de la fortification avec le respect de leurs richesses écologiques spécifiques

*Véronique Davidt*

Notas sobre la fortaleza de Isabel II en la Mola. Su influencia en la cultura del Turismo y su gestión por un Consorcio promovido por el Ministerio de Defensa

*Luis Alejandro*

La cooperación transfronteriza y las ciudades

*Cristina Prat*

#### **Master Class and Round Table 6**

Enhancing of Fortified Heritage by tourism - analysis of a fortress study tour to Ukraine, Belorussia and Poland

*Hans-Rudolf Neumann*

Fortalezas como icono de fronteras y su dimensión actual

*Pilar Barraca*

La AEAC y su labor en la defensa del Patrimonio Fortificado

*Amador Ruibal*

El patrimonio fortificado del Ejército: Organismos y actuaciones

*José Manuel de Arnaiz*

La médiation du patrimoine fortifié dans la Ville d'art et d'histoire de Besançon

*Marie-Hélène Atallah*

## Submitted Papers

### History, Conservation and Restoration

Case studies: past and present of the tower-house in Navarra

*Cecilia Ardanaz*

The tower: a defensive structure in the Templar, Teutonic, and Hospitaller settlements in Umbria and Lazio. An historical and architectonic study

*Nadia Bagnarini*

The defensive compound of the Templar commandry of Aberin (Navarre): hypothetical configuration

*Julia Baldó, Joan Fuguet*

Jaisalmer and Intramuros: a comparative study of two fortified cities in Asia

*James Valente Banta*

Fortified settlements of the Order of Malta in local illustrated registers: the case of the Priory of Lombardy (XVII-XVIII centuries)

*Elena Bellomo*

History, Literature and Tourism: Shakespeare and Othello's Citadel

*Rand Eppich*

Tower of Martín González or castle of La Raya (Soria): territory, history, defense and construction

*Ignacio Javier Gil-Crespo*

Belgrade fortress-between yesterday and tomorrow

*Nevenka Novakovic, Ivana Filipovic*

The castle of San Juan de Ulúa and Fort San Carlos a scientific vision for restoration and conservation

*Dolores Pineda*



Fortifications for the custody the scriptures: some samples emblematic of archives-strengths

*Antonio Sánchez*

Engineers and master builders of the fortified enclosure of Pamplona in the Sixteenth century

*María Josefa Tarifa*

Walls and fortifications in the Ribera Alta del Júcar, walls in Alberic

*Armando Torres*

The Morro Castle of Santiago de Cuba. History and management of a Spanish fortress in the Caribbean

*Elsy Zaldívar*

Restoration of the ancient fortification and landscaping of surrounding area of Palaiokastro, Nisyros

*Anna Apostolou*

The preservation of the Istanbul Theodosian Land Walls: one step forward and two steps back

*Alessia Bianco*

The consolidation of the walls of Jerez de los Caballeros (Badajoz)

*Juan Pedro Cortés, Jorge Manuel Viola, Manuel Guerrero, Alfonso Cortés*

Lessinia's Forts recovery program: architecture and landscape

*Fiorenzo Meneghelli, Andrea Meneghelli*

The urban planning of Pamplona in defense of their fortifications

*Laura Rives*

Hydrocolloids to clean porous inorganic materials

*Alicia de Lera, Faisal Boust, Véronique Vergès-Belmin*

Documentation and structural analysis of the heritage fortified laser scanner. The Castle of Puebla de Alcocer

*Manuel Guerrero, Juan Pedro Cortés, Emilio Del Pozo*

The weird case of the Fort of San Fernando Bocachica, Cartagena de Indias, Colombia. Study of the thrusts propagation in vaults distributed according a curved line

*Michele Paradiso, Simona Benedetti*

Analysis of the structural instability of the central building of the Castillo de Los Tres Reyes del Morro in Havana

*Michele Paradiso, Gianluca Useli*

Intervention on the Roman Wall of Coria (Cáceres)

*Jorge Manuel Viola, Juan Pedro Cortés*

## Management Plans

Dalkey Islands, Ireland: ensuring the protection of fortifications in a diverse cultural landscape

*Jason Bolton*

Intramuros under Three Regimes: the significance of context and coherence to the conservation agenda

*Estela Duque*

Preservation Master Plan and Design Guidelines for the Reuse of Fort Monroe, VA

*Gregory L. Rutledge, Yifeng Zhang*

The Action Plan of the Fortifications in Pamplona: a tool for conservation and enhancement of Fortified Heritage

*Joaquín Torres, Verónica Quintanilla*

## Recycling and Sustainability

Fortifications in Galicia. Usage and functions in the 21st century

*Alba Rodríguez*

The reuse of the Citadel of Pamplona as a cultural and leisure enclosure

*Silvia D. Sádaba, Esther Elizalde*

## Landscaping, Maintenance and Urban Planning

The waterfront of Cartagena. Urban military image conversion – university

*José Francisco López*

## Communication, Marketing and Branding

The edition and diffusion of the studies on fortifications. Some experiences from the private initiative

*Enrique Daza, Gonzalo López-Muñiz, Elena Vega*

## Fortified Heritage, Culture, Tourism and Education

Assessing and establishing Cultural Significance to Material Heritage: national prerogative or a multi-national exercise; the case of the German Occupation structures in the Channel Islands, UK

*Anuradha Ananth*

Heritage contribution to post-disaster sustainable development of communities: the case of Bam and its Cultural Landscape

*Baharak Seyedashrafi, Eskandar Mokhtari, Mohammad Ravankhah*

The fortified system of the Venetian lagoon between the XV and XVII century. A proposal of development for a highly critical site

*Alessia Boscolo Nata*

Belgrade Fortress: open air classroom  
*Ljudmila Djukic*

The Historical Route of the Lines of Torres Vedras. An example of an interdisciplinary and inter-municipal work for the improvement of a military and architectural heritage in Portugal  
*Florbela Estêvão, Joaquim Jorge, Natália Calvo*

The musealization of the fortified heritage in times of crisis. The example of the Torre dels Milà of Massalavés (Valencia)  
*Javier Hidalgo*

Images of fortified cities and its interest to XX century architects  
*Inmaculada Jiménez, Joaquín Lorda*

Reuse defensive heritage of Bejaia City  
*Amina Korichi, Tsouria Kassab*

Sustainable development of small old towns—heritage as a tourist attraction  
*Ines Milohnić, Dora Smolčić Jurdana*

The Spanish defensive system in Oran (Algeria), history and actuality  
*Sanaa Niar, Félix Lasheras*

Educational and cultural projects around the fortified architecture: experiences of the Workshop Architecture and Sustainable Heritage in Cartagena de Indias, Colombia  
*Olimpia Niglio, Pablo Andrés Insuasty*

A forgotten military rampart across the Pyrenees. Cataloging and spreading of the 'Line P' in Navarre and Gipuzkoa  
*Pablo M. Orduna, Francisco Javier San Vicente*

Impact of Heritage Projects on development of Amritsar  
*Vimal Preet, Yogesh Sood*

Fortifications system of the crusade period in the territory of Tartous: from defensive system to the historic-cultural system  
*Mohamed Saidi*

Fortified Veracruz  
*Sergio Arturo Vargas*

Spanish fortification in Hispanic America  
*Mynerva Modesta Velazco*

The Lombardy castle in Enna (Italy): new studies for a sustainable conservation and integration in the historic city  
*Antonella Versaci, Alessio Cardaci, Davide Indelicato, Luca Renato Fauzia, Cristina Speranza*

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## Conference on Defensive Architecture of the Mediterranean, XV to XVIII Centuries – FORTMED 2015

Polytechnic University of Valencia: October 15-17, 2015

<http://ocs.editorial.upv.es/index.php/FORTMED>

### Keynote Lecture

Technical and systemic keys and context of Hispanic fortifications on Western Mediterranean coast.

*Fernando Cobos-Guerra*

### Historical Research

La fortificación de Peñíscola, obra de Vespasiano Gonzaga y Bautista Antonelli

*M<sup>a</sup>. J. Balaguer Dezcallar*

Codice Romano Carratelli

*A. Bianchi, T. Saeli*

The fortifications of the State of Presidii, Orbetello and Argentario promontory

*F. Brogila*

Architecture and Spaces of Power in the Knights of St. John of Jerusalem (1530-1798)

*V. Burgassi*

Progettare le difese: il marchese di Leganés e il padre gesuita Francesco Antonio Camassa, esperto di arte militare

*A. Dameri*

El Proyecto Imperial de fortificación para Bugia. 1541

*J. J. De Castro Fernández, I. De Castro Díez*

Determinación del trazado histórico y evolución de la antigua muralla de Calp, tras el análisis de la documentación gráfica y documental existente

*A. Del Campo Carda, A. M. Torres Barcino, A. García Codoñer*

Reconstrucción del estado de las fortificaciones de Fuentarrabía a principios del siglo XVII a través de un plano de Matteo Neroni

*V. Echarri Iribarren, R. Yáñez Pacios*

La frontera marítima fortificada: de la vigilancia a la señalización (XVI-XIX)

*A. García Mas, A. Martínez-Medina*

Fortifying the Island at the time of the viceroy Ferrante Gonzaga (1536-1546): sites, master builders and designers, clients

*E. Garofalo*

El uso de las fajinas y los tepes en la arquitectura militar

*L. Gimeno Romero*

Actuaciones tras el bombardeo de Alicante en 1691. La fortificación temporal de Bernet y

Herrera

*A. B. González Avilés, M<sup>o</sup>. I. Pérez Millán, y R. Yáñez Pacios*

El fuerte de San Lorenzo del Puntal (Cádiz) y el fuerte de San Fernando de Bocachica (Cartagena de Indias): una visión comparada

*G. Granado Castro, J. Galindo Díaz y H. Aragón Barreto*

Le fortificazioni della Toscana tirrenica: evoluzione geo-storica e condizioni attuali

*A. Guarducci*

La Torre del Rey de Oropesa. Un modelo de fortificación renacentista

*S. Lillo Giner, P. Rodríguez-Navarro*

Datos históricos sobre la Torre del Mar (Burriana - Castellón)

*J. M. Melchor Monserrat*

Verso la creazione di sistemi e sub-sistemi di difesa del Regno di Sardegna: piazzeforti, galere e prime torri nella prima metà del Cinquecento

*M. G. R. Mele*

Les fortifications ottomanes d'Alger (1516-1830)

*S. Messikh*

El fuerte de Santa Cruz y el conjunto defensivo español de Orán-Argelia

*S. Metair*

Torri e piazzeforti nella Sardegna moderna. Fonti cartografiche e documentarie nella lettura delle trasformazioni territoriali del paesaggio costiero sardo tra XVI e XVIII secolo

*S. Nocco*

Iglesias-Fortaleza en la costa mediterránea española en el Siglo XVI

*A. Palenzuela Navarro*

Le fortificazioni della Toscana Tirrenica: metodologie e fonti dell'indagine geo-storica

*L. Rombai*

Torres costeras durante el siglo XVI. Estrategias territoriales y técnicas constructivas en el frente marítimo levantino del Reino de Aragón y Virreinato de Nápoles

*J. R. Ruiz Checa, V. Cristini, V. Russo*

Las torres de defensa del litoral: San Vicent (Benicàssim) y Torrenostra (Torreblanca).  
Castellón, Spain. Estudio arquitectónico y constructivo

*A. Soler Estrela*

Guarino Guarini and the "Fortificatione" between theory, drawing and design

*R. Spallone*

La formazione di Giovanni Battista Antonelli: note storiche e contesto sociale prima del  
suo arrivo in Spagna

*G. Useli, M. D'Amato*

Arquitecturas del sistema defensivo en el litoral llicitano

*S. Varela Botella, S. Varela Rizo*

Entre el Mediterráneo y el Atlántico: una travesía histórica y cultural

*S. A. Vargas Matías*

Postrimerías de un ingeniero de Su Majestad: el testamento de Bautista Antonelli

*M. A. Vázquez-Manassero*

Las murallas de Tetuán en la literatura de 1860 a 1956

*J. Vergara-Muñoz, M. Martínez-Monedero*

Ingegneri militari nella Sicilia degli Asburgo: formazione, competenze e carriera di  
una figura professionale tra Cinque e Seicento

*M. Vesco* (available through [Academia.com](http://Academia.com))

## Theoretical Concepts

La guerra de sitio en la Guerra de la Cuádruple Alianza (1717-1721): la defensa y  
asedio de las fortalezas en Sicilia

*D. A. Abián Cubillo*

El promontorio y el puerto, el avistamiento y la acción ofensiva. Propuestas tipológicas  
de torres marítimas para un mismo problema geográfico: los puertos de Jávea y  
Moraira en el litoral valenciano (1562-1596)

*A. Banyuls Pérez*

De la iglesia como baluarte al baluarte como iglesia. Estrategias de fortificación y  
modernización de las defensas medievales en las villas del litoral de la Marina de la  
costa de Alicante (1535-1587)

*A. Banyuls Pérez*

Las defensas del Reino de Nápoles: el caso de Castellammare di Stabia entre el '700  
y el '800

*F. Castanò*

Baluartes contra tenazas. El caso de la goleta en 1565

*J. J. De Castro Fernández, J. Mateo de Castro*

El puerto de Barcelona en la primera mitad del siglo XVIII. Urgencias estructurales e infraestructurales a toda costa durante el reinado de Felipe V

*J. M. Muñoz Corbalán*

Design models and "attention" to the topography of the places in the sixteenth century strongholds of Sardinia: the use of the tenaille

*A. Pirinu*

## Digital Heritage

Métodos para documentar y restaurar zonas de difícil acceso en el castillo de Salobreña

(Granada)

*A. Almagro Gorbea, A. Orihuela Uzal*

Apport des technologies numériques à l'étude des fortifications du génie militaire français dans une ville d'Algérie au début de la colonisation: DJIDJELLI, 1839-1862

*M. Blibli, A. Bouchair, F. Hannouf*

Natural and artificial defences in Catania in XVII century

*E. Magnano Di San Lio, M<sup>a</sup>. T. Galizia, C. Santagati*

Digital construction for analysis: the Scalambri defensive system in Sicily

*A. Frascari, A. Mancuso, A. Pasquali*

Puesta en valor del Palacio-Castillo de Betxí, a través de la modelización mediante arquitecturas inversas y documentación gráfica avanzada

*J. T. Garfella Rubio, M<sup>a</sup>J. Máñez Pitarch, J. A. Martínez Moya, F. Ortega Tomás*

Metodología integral para la documentación de las torres de defensa de la costa valenciana (Spain)

*P. Rodríguez-Navarro, G. Verdiani, T. Gil Piqueras*Digital 3D reconstruction for the multiscale investigation on the Drawing of the fortifications of Turin

*M. Vitali*

## Culture and Management

Fortalezas costeras del Oeste y Norte de Marruecos (S. XV-XVIII)

*F. Cherradi Akbil*

Intervención y puesta en valor de la Torre de los Caballos. Un nuevo espacio museístico

dedicado a las torres vigía de la costa de Mazarrón

*P. E. Collado Espejo*

Considerazioni su un sistema museale diffuso delle architetture fortificate della Valnerina

*S. D'Avino*

Willingness to Contribute – City Fortifications in the Mediterranean  
*R. Eppich, J. L. García Grinda*

Revitalización del castillo de Almansa  
*J. F. García Sáez*

Apreciación del valor patrimonial de las torres de defensa del litoral valenciano  
*F. Juan Vidal*

Del Castell de Castalla al Conjunt Patrimonial del Castell de Castalla: un nuevo enfoque en la gestión del patrimonio cultural valenciano  
*J. A. Mira Rico, M. Bevià i García, J.R. Ortega Pérez*

La gestión municipal de los castillos valencianos. Análisis de los casos de Callosa de Segura, Castalla, Cocentaina, Guardamar del Segura, Monòver, Pego y Sax (provincia de Alicante)  
*J. A. Mira Rico*

Las acciones tutelares realizadas en el castillo de Baños de la Encina (Jaén)  
*A. C. Valle Soriano, M<sup>o</sup> L. Gutiérrez Carrillo*

Proceso de puesta en valor para la reutilización del Fuerte de Santiago (Isla de Chikly, Túnez)  
*M<sup>o</sup> J. Viñals, I. Martínez Sanchís*

Archeologia e storia delle trasformazioni del castello aragonese di Sassari  
*G. Padua, B. Panico, L. Sanna*

## Research on Built Heritage

Research on construction techniques of the “Genoese” coastal towers in southern Corsica (built between XVI and XVII century).  
*P. R. Altamura*

The Royal Citadel of Messina. Hypothesis of architectural restoration for the conservation and use.  
*F. Armaleo, M. Bonna, Ma Grazia, I. Bruno, S. Bucca, V. Cutropia, N. Fazio, L. Felice, F. Gulletta, V. Mondì, E. Morabito, C. Rizzo*

El enigma de las Casas Reales del sitio arqueológico de Panamá Viejo  
*S. I. Arroyo*

Il castello templare di Peniscola, da fortezza di epoca crociata a cittadella tardo rinascimentale.  
*S. Bertocci*

The triangular fortress of Butrint, Albania. New studies for the conservation and the valorization.  
*M. G. Bevilacqua, R. Pierini, M. Pierotti, P. Ruschi*



La Real Cittadella di Messina. Approccio architettonico alle preesistenze e restauro  
*A. Bonifacio*

Orbetello, a fortress on the water. A research for the valorization of the city and its bastioned front.

*A. Cartei, M. G. Bevilacqua, C. Calvani, R. Pierini, D. Taddei*

La protección contra los corsarios: el recinto fortificado de Mascarell

*Ma. E. Casar Furió, Ma T. Broseta Palanca*

Les phares antiques, entre défense et aide à la navigation. Exemples en Méditerranée Occidentale

*J. Christiansen*

El Castillo de Cullera. Adecuaciones del castillo islámico

*J. M. Climent Simón, Ma. I. Giner García, A. Rodrigo Molina*

Intervención y puesta en valor de la Torre del Molinete en Mazarrón y su entorno paisajístico y patrimonial

*P. E. Collado Espejo*

Las murallas urbanas de Córdoba (Villa y Axerquía) en la Edad Moderna

*C. Courault*

Proteger y defender la Manga del Mar Menor: estudio histórico-arqueológico de la Torre de San Miguel del Estacio y la Torre de la Encañizada

*B. Cutillas Victoria*

Fortaleza de Altea

*J. M. Del Rey Aynat*

Fortifications and landscape system: geological and geomorphological resilience in the development of the La Spezia Gulf

*S. Di Grazia, L. Marinaro*

De Grunenberg's fortifications in Augusta. Knowledge and conservation of a neglected heritage

*E. Magnano Di San Lio, Ma. R. Vitale, F. Aliffi, S. Macca*

El alcázar de Pastrana

*E. J. Fernández Tapia*

El castillo de Almansa: ejemplo de adaptación de un castillo a las teorías de la fortificación del siglo XV

*J. F. García Sáez*

Castles in southern Italy, diagnostic plan for knowledge and the enhancement

*C. Gattuso, Ph. Gattuso, B. Elena, V. Caramazza*

Fortifications in the port area of Messina and Palermo between destruction, oblivion and debates on their restoration

*C. Genovese*

La Torre del Grau Vell en la defensa de la Costa de Sagunto

*T. Gil Piqueras, P. Rodríguez-Navarro*

Los baluartes del palacio señorial de Betxí ¿Una fortificación real o ficticia?

*F. Iborra Bernad, Ma A. Sebastià Esteve, G. Aguilera Arzo*

Identification and valuing the Spanish fortification in Algeria. Case of the town of Bejaia

*A. Korichi*

Una splendida cittadella fortificata a presidio dello Stretto di Messina

*M. Lo Curzio, M. Lo Curzio*

Del castillo medieval al palacio-fortaleza

*C. López González*

The coastal military architecture of World War II in Sardinia

*M. Mameli, P. Sanjust*

El ensanche de Santa Catalina: un urbanismo defensivo

*O. Mansergas Sellens*

Fortifications in the territory of Alessandria: an heritage to preserve and enhance

*A. Marotta*

Los sistemas defensivos del Real Arsenal de Cartagena (S. XVIII)

*J. A. Martínez-López*

Muro Mediterráneo: búnkeres y baterías para la defensa del litoral (1936-39)

*A. Martínez Medina*

The castle of Collalto Sabino. Transformations and restorations

*V. Montanari*

Affinities in construction techniques of a unitary project: the coastal towers of the Asinara Island (Sardinia)

*S. Murru*

Estudio del sistema defensivo de Orán

*S. Niar, F. Lasheras Merino*

Artillery barriers built by the Catholic Monarchs in the Granada coastal fortifications: the Castles of Almuñecar and Salobreña

*A. Orihuela Uzal, A. Almagro Gorbea*

The complex of San Lorenzo del Chagres in Panama: historical development and survey project for the documentation of the Caribbean fortress

*S. Parrinello, F. Picchio*

Trasformations and Permanences of landscape and architecture: the Minerva Tower of Punta Campanella in the Sorrento-Amalfi Peninsula

*S. Pollone, L. Romano*

El sistema defensivo del Antemural del Pacífico y Llave del Mar del Sur. Las fortificaciones de la Cuenca de Valdivia y la Bahía de Corral (Chile)

*E. Prieto Ustio*

Una fortaleza entre cielo y mar: hipótesis de conservación y valorización

*E. Romeo*

Las fortificaciones militares del S. XVIII en Cartagena

*D. Ros McDonelle, Ma. Mestre Martí, E. De Andrés Rodríguez*

La muralla del vendaval de Cádiz

*J. Ma. Sánchez Carrión*

La recuperación de los colores originales de las Torres de Quart de Valencia

*A. Torres Barcino, J. Serra Lluch, J. Llopis Verdú, J. L. Higón Calvet, B. Saiz Mauleón, R. Villaplana Guillén*

The defense of fortified ruins on the Italian coast

*A. Ugolini, Ch. Mariotti*

Le torri costiere del Regno di Sardegna: costruzione, danni e restauri

*D. Vacca*

La Torreta de Castielfabib, ¿una torre defensiva hexagonal tardomedieval?

*A. Vázquez-Esparza*

## **Characterization of Geomaterials**

Methodological approach in the conservation of coastal fortifications

*G. Cargangiu, S. Columbu, P. Meloni, M. Carboni, M. Casti, O. Cocco, A. Murru, M. Palomba, A. Ruggieri*

Geomaterials and decay forms of the coastal towers of Piscinni and Foghe, Western Sardinia

*G. Cargangiu, P. Meloni, M. Palomba, O. Cocco, F. Sitzia, A. Murru, M. Carboni, M. Casti, A. Ruggieri*

San Fernando Batteries in Portobelo - Panama: building materials characterization and the environmental impact evaluation

*Ch. Ciantelli, A. Bonazza, C. Sabbioni, R.A. Suñé Martínez, C. Vaccaro*

The ancient mortars and geomaterials of tower fortification of Nora (Pula, Sardinia, Italy)

*S. Columbu, G. Cargangiu, F. Sitzia*

Petrographic and physical investigations on geomaterials for conservation of Las Plassas Castle (Marmilla, Sardinia, Italy)

*S. Columbu, R. T. Melis, G. F. Murr, G. Serreli, G. Uccheddudu*

Alteration processes of geomaterials used on the pentagonal tower of Serravalle Castle (central-west Sardinia, Italy)

*S. Columbu, P. Meloni*

The coastal fortification of Cape de Forma (Menorca, Spain): petrophysical characterization and alteration of stones and ancient mortars

*A. Depalmas, S. Columbu*

Diagnostics for the knowledge: the case of the tower of Palazzo Termine Pietragliata in Palermo (Italy)

*C. Gattuso, F. Fernández, M. M. Pecoraro, A. Ma Palermo*

Durability of repair mortars used in restoration of a Sardinian coastal tower: assessment after ten years

*P. Meloni, G. Cargangiu, M., Palomba, S. Enzo, M. Carboni, O. Cocco, M. Casti, A. Murr, A. Farci, A. Ruggieri*

Multidisciplinary Studies, Crossreading and Transversal Use of Thermography: The Castle of Monzón (Huesca) as a case study

*C. Mileto, F. Vegas, J. L. Lerma*

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## A List of Theses, Mainly from British and Commonwealth Universities

(Compiled by Morag Fyfe)

\*means may not be available for download, possibly published in book form.

Constructing the Military Landscape: the Board of Ordnance maps and plans of Scotland, 1689-1815. PhD thesis, University of Edinburgh (2009).

*Anderson, C J*

<https://www.era.lib.ed.ac.uk/handle/1842/4598>

Rusting iron and crumbling stone: British fortification construction in Halifax and Quebec City, 1796-1871. MA thesis, University of New Brunswick (2008).

*Butcher, N*

<http://www.collectionscanada.gc.ca/obj/thesescanada/vol2/002/MR69260.PDF>

F

The contribution of the Jesuits to military architecture in the baroque age. PhD thesis, University of Liverpool(2010).

*De Lucca, D*

<http://ethos.bl.uk/OrderDetails.do?did=21&uin=uk.bl.ethos.526895>

Parallel landscapes: A spatial and critical study of militarised sites in the UK. PhD thesis, Royal College of Art (2010).

*Flintham, M*

[http://researchonline.rca.ac.uk/429/1/Flintham\\_Matthew\\_CA%26D\\_PhD\\_Parallel\\_Landscapes\\_Thesis\\_2011.pdf](http://researchonline.rca.ac.uk/429/1/Flintham_Matthew_CA%26D_PhD_Parallel_Landscapes_Thesis_2011.pdf)

The evolution of the bastioned system of fortifications and its application in North America with specific reference to Louisbourg. PhD thesis, Cardiff University (1980).

*Fry, BW*

<http://ethos.bl.uk/OrderDetails.do?did=8&uin=uk.bl.ethos.255906>

An archaeology of colonialism, conflict, and exclusion: conflict landscapes of Western Sahara. PhD thesis, University of East Anglia (2014).

*Garfi, S*

<https://ueaeprints.uea.ac.uk/53409/>

Que faire des fortifications? Les débats à Québec durant les années 1870. MA thesis, University of Laval (2013).

*Jean, F*

<http://www.theses.ulaval.ca/2013/29654/29654.pdf>

Protected interests? : the fortifications of Nevis, West Indies, from the 17th century to the present day. PhD thesis, University of Southampton (2003).

*Machling, TCS*

<http://ethos.bl.uk/OrderDetails.do?did=10&uin=uk.bl.ethos.400543>

Science, warfare and society in the Renaissance, with particular reference to fortification theory. University of Leeds (1981).

*Mallagh, C*

<http://etheses.whiterose.ac.uk/284/>

Gibraltar of the south: defending Victoria: an analysis of colonial defence in Victoria, Australia, 1851-1901. PhD thesis, School of Historical Studies, Faculty of Arts, The University of Melbourne (2009).

*Marmion, R. J.*

<http://repository.unimelb.edu.au/10187/4851>

The disappearing guns of Auckland. PhD thesis, University of Auckland (1995).

*Mitchell, JS*

<http://hdl.handle.net/2292/2325>

Vauban's Siege Legacy in the War of the Spanish Succession, 1702-1712. D Phil thesis Ohio State University (2002).

*Ostwald, JM*

[http://rave.ohiolink.edu/etdc/view?acc\\_num=osu1039049324](http://rave.ohiolink.edu/etdc/view?acc_num=osu1039049324)

Problems in XVI century military architecture: A study of fortifications and siege warfare with special reference to the War of Siena 1552-1556. PhD thesis, University of Essex (1972).

*Pepper, S*

<http://ethos.bl.uk/OrderDetails.do?did=7&uin=uk.bl.ethos.383325>

'The business of engineers' : the organization and education of military engineers during the eighteenth century. PhD University of Portsmouth (2007).

*Phillipson, A*

<http://ethos.bl.uk/OrderDetails.do?did=2&uin=uk.bl.ethos.496672>

The fortifications of Montreal 1717-1744: the development and implementation of the plan. MA Thesis, Concordia University (1991).

*Poirier, MC*

<http://www.collectionscanada.gc.ca/obj/thesescanada/vol2/QMG/TC-QMG-5891.pdf> <http://spectrum.library.concordia.ca/5891/1/MM64633.pdf>

Civic expansions of Turin in the seventeenth century: military architecture and urban design. D Phil Thesis, Massachusetts Institute of Technology (1985).

*Pollak, MD*

[http://www.researchgate.net/publication/35167025\\_The\\_civic\\_expansions\\_of\\_Turin\\_in\\_the\\_seventeenth\\_century\\_\\_military\\_architecture\\_and\\_urban\\_design\\_](http://www.researchgate.net/publication/35167025_The_civic_expansions_of_Turin_in_the_seventeenth_century__military_architecture_and_urban_design_)

The Archaeology of a military frontier: Taranaki, New Zealand, 1860-1881. PhD thesis, University of Auckland (1981).

*Prickett, N*

<https://researchspace.auckland.ac.nz/handle/2292/1514>

'We shall defend our island' : investigating a forgotten militarised landscape. PhD thesis, University of Southampton (2014).

*Rowe, P*

<http://eprints.soton.ac.uk/374724/>

All but ruins: reinterpreting 18th century military ruins at Point Pleasant Park as 21st century recreational programs. M Arch thesis, Dalhousie University (2003).

*Tayona, JJ*

<http://www.collectionscanada.gc.ca/obj/s4/f2/dsk4/etd/MQ89162.PDF>

The rise of the scientific soldier as seen through the performance of the Corps of Royal Engineers during the early 19th century. PhD thesis, University of Sunderland (2009).

*Thompson, MS*

<http://sure.sunderland.ac.uk/3559/>

Recapturing early modern English urban defences : York and Kingston-upon-Hull, c. 1550-1700. PhD thesis, University of York (2015).

*Webb, SC*

<http://etheses.whiterose.ac.uk/9617/>

History and characterization of mortars in Spanish New World fortifications: a case study on El Castillo de San Cristobal, San Juan, Puerto Rico. MSc Thesis, University of Pennsylvania (2004).

*Wells, JC*

[http://repository.upenn.edu/cgi/viewcontent.cgi?article=1062&context=hp\\_theses](http://repository.upenn.edu/cgi/viewcontent.cgi?article=1062&context=hp_theses)

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## A List of Articles of Particular relevance to Kent and South-east England

(Compiled by Morag Fyfe)

'Kent's twentieth century military and civil defences: part 1 -Thameside'. Arch Cant 2010, 130, 1-33

*Smith, Victor T.C.*

<http://www.kentarchaeology.org.uk/Research/Pub/ArchCant/130-2010/Arch%20Cant%20130-01.pdf>

'Kent's twentieth century military and civil defences. Part 2 -Medway'. Arch Cant 2011, 131, 159-95

*Smith, Victor T.C.*

<http://www.kentarchaeology.org.uk/Research/Pub/ArchCant/131-2011/Arch%20Cant%20131-09.pdf>

'Kent's twentieth-century military and civil defences. Part 3 -Canterbury'. Arch Cant 2012, 132, 153-88.

*Smith, Victor T.C. and Peter Seary,*

<http://www.kentarchaeology.org.uk/Research/Pub/ArchCant/132-2012/132-07.pdf>

Defence since the application of gunpowder: 1380-2000

(South East Research Framework Resource Assessment and Research Agenda for Defence Consultation draft October 2012)

*Smith, Victor*

<https://shareweb.kent.gov.uk/Documents/leisure-and-culture/heritage/SERF%20Defence.pdf>

Built Heritage Conservation Framework For Dover Western Heights A Report to Dover District Council, English Heritage and Kent County Council. Feb 2012

*Gibbs, Liv BA MA (Cantab) PH.D.*

<http://www.dover.gov.uk/Planning/Conservation/Conservation-Areas/Dover-Western-Heights-Conservation-Framework.pdf>

'New for old: the development of New Tavern Fort at Gravesend in the industrial age'. Arch Cant 2013, 133, 131-66.

*Smith, Victor*

<http://www.kentarchaeology.org.uk/Research/Pub/ArchCant/133-2013/133-06.pdf>

An overview of the twentieth-century military and civil defences of Swale. 2014.  
*Smith, Victor TC (With contributions from Alan Anstee)*  
<https://kenthistoricdefences.files.wordpress.com/2014/06/swale-district-20th-century-military-and-civil-defences-historical-overview.pdf>