



Be.CULTOUR:

“Beyond CULTural TOURism: human-centred innovations for sustainable and circular cultural tourism”



HORIZON 2020

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Deliverable 5.6 Scientific publications

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Author list:	Antonia Gravagnuolo, Francesca Buglione, Valentina Apicerni, Martina Bosone

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Dissemination Level

-
- PU:** Public
 - CO:** Confidential, only for members of the consortium (including the Commission Services)
-

Abstract

This Deliverable falls within the project work package focused on Dissemination, exploitation and communication (WP5) and, precisely, within the Task 5.3 - Implementation of communication and dissemination activities envisaged Implementation of communication and dissemination activities envisaged (M1-M41). The Deliverable provides information on the scientific production of Be.CULTOUR, including scientific books, Special Issues and scientific articles in international peer reviewed journals. The scientific production of the project will continue after the formal conclusion, through the submission of scientific articles reporting the results of the project methodology, developed tools, Action Plans, innovative solutions, evaluation framework and smart data management tools. A large scientific community was involved in the project, especially through the Special Issues which collected the interests of researchers within and beyond the Be.CULTOUR community.



Partners involved in the document

Participant No	Participant organisation name	Short Name	Check if involved
1 Coordinator	CONSIGLIO NAZIONALE DELLE RICERCHE, Institute of Heritage Science	CNR	X
1.1	University of Naples Federico II – DiARC (Linked Third Party)	UNINA	X
2	European Regions Research and Innovation Network	ERRIN	
3	ICLEI Europe – Local governments for Sustainability	ICLEI	X
4	Iniziativa Cube S.r.l.	INI	
5	Uppsala University	UU	X
6	Haute Ecole ICHEC - ECAM - ISFSC	ICHEC	X
7	Open University of the Netherlands	OUNL	X
8	APT Basilicata	APT-BAS	
9	Diputación Provincial de Teruel	PGT	
10	Larnaca and Famagusta Districts Development Agency	ANETEL	
11	Laona Foundation	LAONA	
12	Västra Götaland region	VGR	
13	Stalna Konferencija Gradova I Opstina	SCTM	
14	Agentia Pentru Dezvoltare Regionala Nord-Est	NERDA	
15	Verde e Moldova	VEM	



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1. Description of the Project

Be.CULTOUR stands for “Beyond CULTural TOURism: heritage innovation networks as drivers of Europeanisation towards a human-centred and circular tourism economy”. It expresses the goal to move beyond tourism through a longer-term *human-centred* development perspective, enhancing cultural heritage and landscape values.

Cultural tourism entails opportunities but also risks. Tourism as a whole can be a highly volatile economic sector. If not managed properly, cultural tourism can also easily turn into a “value extractive” industry, generating negative environmental, social and cultural impacts on local communities and ecosystems. This project will **develop specific strategies to promote an understanding** of cultural tourism, which moves away from a “stop-and-go” consumer-oriented approach towards one that puts humans and circular economy models at its centre, paying attention to nature, communities and cultural diversity. “Place”, intended as the *genius loci*, the ancient spirit of the site expressing its “intrinsic value” and “people” as **co-creators** of its uniqueness, culture, art, tradition, folklore, productivity, spirituality, as well as its “time space routine”, are the focus of Be.CULTOUR, which aims at realizing a longer-term development project for the pilot areas involved.

The overarching goal of Be.CULTOUR is to **co-create and test sustainable human-centred innovations for circular cultural tourism through collaborative innovation networks/methodologies and improved investments strategies**. Targeting deprived remote, peripheral or deindustrialized areas and cultural landscapes as well as over-exploited areas, local **Heritage innovation networks** will co-develop a long-term heritage-led development project in the areas involved enhancing **inclusive economic growth, communities’ wellbeing and resilience, nature regeneration** as well as **effective cooperation** at cross-border, regional and local level.

Wide and diversified partnerships of stakeholders from **18 EU and non-EU regions** of Northern-Central and Southern Europe, the Balkans, the Eastern neighbourhood and the Mediterranean will be the driving force of the project. A **community of 300 innovators** (which includes regional authorities and municipalities, clusters and associations, museums and tourist boards, entrepreneurs, chambers of commerce, citizens, researchers, practitioners as well as project partners) in **6 pilot regions** will **co-create innovative place-based solutions for human-centred development through sustainable and circular cultural tourism**.

Collaborative “Heritage innovation networks” will be established in **6 European deprived remote, peripheral and deindustrialised areas and cultural landscapes** identified as “**pilot innovation ecosystems**”: committed to the project’s objectives, they have defined clear cultural tourism-



related challenges requiring innovation that will serve as the basis for the collaboration with the **16 additional “mirror innovation ecosystems”**. Mutual learning and up-scaling of business solutions will be the objectives of the collaboration between pilot and mirror ecosystems, building the sustainability of the project's results beyond its lifetime.

By adopting a human-centred quadruple/quintuple helix approach to co-design, **Be.CULTOUR will result in 6 community-led Action Plans, 18 innovative human-centred solutions and 6 close-to-market prototypes** of new cultural tourism integrated services and products: these will directly contribute to **inclusive economic growth, communities’ wellbeing and resilience, and nature regeneration** in pilot and mirror regions, **stimulating effective cooperation** at a cross-border, regional and local level. The core partners of the Consortium will progressively build Be.CULTOUR sustainability by broadening the interregional collaboration while anchoring it to relevant EU initiatives in the academic, business and institutional realms.

1.1 Be.CULTOUR specific objectives

The scopes of the Be.CULTOUR project will be achieved through a set of specific, measurable, achievable, realistic and time-constrained (SMART) specific objectives:

Objective 1 – To assess the impacts and market potential of sustainable and circular cultural tourism at national, regional and local level through multidimensional quantitative and qualitative indicators, innovative statistical methods and advanced smart data management systems;

Objective 2 – To build a Community of Practice of 6 pilot regional ecosystems and a Community of Interest with 16 “mirror ecosystems” in EU and non-EU countries actively engaged in knowledge-sharing and exploitation of Be.CULTOUR’s approach, methodology, tools, and innovative solutions for sustainable and circular cultural tourism;

Objective 3 – To co-develop 6 Action Plans for sustainable and circular cultural tourism by establishing collaborative “Heritage innovation networks” in 6 pilot regions in Northern-Central and Southern Europe, the Balkans, the Eastern neighbourhood and the Mediterranean;

Objective 4 – To co-develop, prototype and test human-centred and place-specific product, process and service innovations for sustainable and circular cultural tourism in pilot heritage sites;

Objective 5 – To provide policy recommendations for more effective use of European Structural Investment Funds (ESIFs) and other EU funds to support cultural tourism innovation ecosystems in pilot and mirror regions, and develop a proposal of evolution of ESIFs through synergies with other public funds;

Objective 6 – To contribute to deepen cultural Europeanisation through information and educational activities focused on the European history, identity and culture expressed in tangible and intangible cultural heritage and cultural landscapes, developing European Cultural Routes and European Heritage Labels in pilot heritage sites.

All partners have wide experience in developing and testing the Be.CULTOUR proposed approach, methodology and tools, ensuring the effective and time-constrained achievement of all the above-mentioned specific goals.



2. Introduction

The Deliverable 5.6, Scientific Publications, falls within the project work package focused on Dissemination, exploitation and communication (WP5) and, precisely, within the Task 5.3 - Implementation of communication and dissemination activities envisaged Implementation of communication and dissemination activities envisaged (M1-M41). The Deliverable provides information on the scientific production of Be.CULTOUR, including scientific books, Special Issues and scientific articles in international peer reviewed journals. The scientific production of the project will continue after the formal conclusion, through the submission of scientific articles reporting the results of the project methodology, developed tools, Action Plans, innovative solutions, evaluation framework and smart data management tools. A large scientific community was involved in the project, especially through the Special Issues which collected the interests of researchers within and beyond the Be.CULTOUR community.



3. Conference Proceedings

2.1 International Conference on Cultural Tourism advances, Brussels, 27-28th June 2023

Be.CULTOUR contributed to the International Conference on Cultural Tourism Advances, held in June 2023 in Brussels, co-organised by 6 EU-funded projects under the EU Call H2020-SC6-TRANSFORMATIONS-2019-2020 on Innovative approaches to urban and regional development through cultural tourism.

The International Conference on Cultural Tourism advances took place on the Odisee – KU Leuven Brussels campus in the Brussels Central district the 27-28th of June 2023.

The goal of this Conference was to further understanding of the sustainable development potential of cultural tourism by focusing on successful policy interventions, new cultural tourism trends, advances in visitor management systems, and new business and/or governance models. While exact estimates are difficult to make, it has repeatedly been mentioned that approximately 40% of all European tourists make a destination choice based on the cultural offerings. This leads to significant economic effects and has further strengthened the view of cultural heritage as a strategic resource for its economic impact, but also for its role in creating and enhancing social capital and achieving the goals of smart, sustainable and inclusive growth. At the same time, economic effects have been distributed unequally – often being more prevalent in urbanized areas – and the exponential growth of tourism (notwithstanding the dip during the Covid-19 pandemic) created issues of both over- and under-exploitation.

Below is the list of articles to be published in the Conference Proceedings book “Advances in Digital and Cultural Tourism Management” published by Springer. The contribution of Be.CULTOUR to this volume was both in the review phase of the articles, involving various researchers in the peer review process, and in contributing with four chapters of the book.

- Chapter 4 - Małgorzata Ćwikła, Cristina Garzillo, Martina Bosone, Antonia Gravagnuolo, “Stakeholders engagement processes for co-creation of strategic action plans for circular and human-centred cultural tourism in European heritage sites”;
- Chapter 8 - Ludovica La Rocca, Francesca Buglione, Eugenio Muccio, Martina Bosone, Maria Cerreta, Pasquale De Toro, Antonia Gravagnuolo, “Towards a Circular Cultural

Tourism Impact Assessment framework for decision support in less-known and remote destinations”;

- Chapter 11 - Karima Kourtit, Peter Nijkamp, Henk Scholten, Yneke van Iersel, *“Methodology and application of 3d visualisation in Sustainable Cultural Tourism Planning”;*
- Chapter 6 - Vanessa Glindmeier, Gary Treacy, *“A Framework for Responsible Tourism in Scotland’s Historic Environment: Experiences from Transforming Tourism at a Film-induced Heritage Visitor Attraction”.*

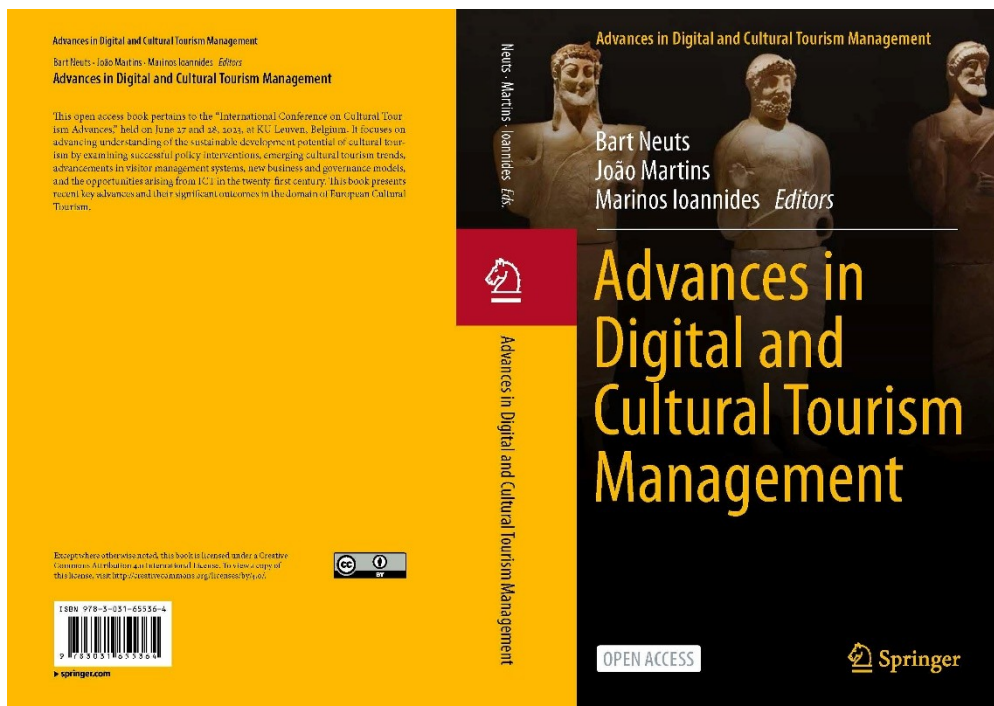


Figure 1 - Advances in Digital and Cultural Tourism Management, Springer book cover

Below the information about the chapters included in the book, relative to Be.CULTOUR.

METADATA	
Year	2024
Title	Stakeholders engagement processes for co-creation of strategic action plans for circular and human-centred cultural tourism in European heritage sites
Author(s)	Małgorzata Ćwikła, Cristina Garzillo, Martina Bosone, Antonia Gravagnuolo
Journal	Springer book
Volume	Forthcoming
Editor	Bart Neuts, João Martins, Marinos Ioannides
Keywords	Circular Tourism, Cultural Tourism, Co-creation, Stakeholders engagement, Innovation, Sustainable Cultural Tourism, Human-centered approach, Action Plans
Type (scientific paper, book, working paper..)	Conference proceedings
Weblink	https://ees.kuleuven.be/en/culturaltourismconference
ABSTRACT	
<p>Sustainable cultural tourism can be a powerful means to enhance communities' wellbeing increasing economic wealth in currently less known and remote areas, as well as residents' awareness on local culture and cultural heritage, environmental preservation and social cohesion. However, tourism activities can threaten cultural and natural resources, especially in fragile natural & cultural areas. Sustainability-led innovation and creativity could contribute to ensure that tourism activity is conducted within a responsible framework, engaging local operators and stakeholders towards reaching shared objectives. The integration of a circular economy oriented approach in cultural tourism strategies can be beneficial to allow sustainable tourism activities which avoid depletion of natural resources, excessive greenhouse gas emissions, over-consumption of cultural resources. Local communities represent the owners and custodians of important natural and cultural resources, thus their active role in cultural tourism strategies development is fundamental to ensure their conservation, regeneration and valorisation over time. Engaging stakeholder groups already at the initial stage of designing changes, can contribute to the development of strategies aiming at implementation of community-based circular and human-centred actions in various areas. The paper describes the co-creation process conducted with various types of stakeholders in six European regions within the Horizon 2020 Be.CULTOUR project. Special attention was given to the process of activating local communities and making them co-create and co-initiative innovative solutions.</p>	



METADATA	
Year	2024
Title	Towards a Circular Cultural Tourism Impact Assessment framework for decision support in less-known and remote destinations
Author(s)	Ludovica La Rocca, Francesca Buglione, Eugenio Muccio, Martina Bosone, Maria Cerreta, Pasquale De Toro, Antonia Gravagnuolo
Journal	Springer book
Volume	Forthcoming
Editor	Bart Neuts, João Martins, Marinos Ioannides
Keywords	Circular Tourism, Sustainable Impact Design, Theory of Change, Multidimensional Indicators.
Type (scientific paper, book, working paper..)	Conference proceedings
Weblink	https://ees.kuleuven.be/en/culturaltourismconference
ABSTRACT	
<p>Recent environmental, climate and sustainability challenges are leading several sectors, including cultural tourism, to rethink their development model in a more sustainable and circular perspective, preserving fragile resources – including cultural resources – and regenerating natural capital. The assessment of the multidimensional impacts of cultural tourism strategies becomes an essential tool for designing specific positive impacts linked to the conservation, regeneration and valorisation of tangible and intangible cultural resources, together with natural resources, human and social capital. The Horizon 2020 Be.CULTOUR project developed a methodological and operational approach, based on a set of impact criteria and indicators, to guide the evaluation and monitoring process of cultural tourism strategies in less-known and remote cultural tourism destinations. The Be.CULTOUR multidimensional impact assessment framework was deemed to support the development and monitoring of strategic Action Plans for circular and human-centred cultural tourism, experimented in six European pilot heritage sites. The tool reconsiders the linearity of the Theory of Change, a collaborative and multistakeholder approach that is well suited to the conceptual framework of circular and human-centred cultural tourism, in order to move towards circular production and consumption models in the tourism sector, opening the way for the redesign of traditional decision-making processes. Thus, the proposed tool stimulates the construction of a dynamic and iterative evaluation process that falls within the framework of "circular" co-assessment.</p>	





METADATA	
Year	2024
Title	Methodology and application of 3d visualisation in Sustainable Cultural Tourism Planning
Author(s)	Karima Kourtit, Peter Nijkamp, Henk Scholten, Yneke van Iersel
Journal	Springer book
Volume	Forthcoming
Editor	Bart Neuts, João Martins, Marinos Ioannides
Keywords	cultural tourism, sustainability, circularity, digital twin, cultural-historical epochs
Type (scientific paper, book, working paper..)	Conference proceedings
Weblink	https://ees.kuleuven.be/en/culturaltourismconference
ABSTRACT	
<p>This paper addresses the global imperative of implementing sustainable initiatives in contemporary industrial and service sectors, with a focus on the tourism industry's quest for resilience and recovery post the COVID-19 pandemic. To foster balanced tourism development, the necessity for evidence-based information at local and regional levels is emphasized, highlighting the demand for transparent planning support tools within the sector. Alongside traditional statistical monitoring tools like Tourist Satellite Accounts, the increasing popularity of digital tools, including local tourism dashboards, e-booking systems, and interactive tourist guidance devices, is noted. Noteworthy is the prospect of applying digital twins, an emerging visualization technique in spatial planning, to local and regional sustainable cultural tourism planning. This paper explores the scope and utility of digital twins, drawing on principles from geoscience and geodesign, to create 3D visualizations of spatial tourist realities. The urban architecture of these visualizations is outlined, demonstrating their use through an empirical illustration of digital twins for the Parkstad region in Limburg, the Netherlands. The 3D images depict the tourism area across various cultural-historical periods, presenting a multi-layer representation of 'cultural-historical epochs,' starting from the Roman period. This innovative approach contributes to digital sustainable cultural tourism planning by offering a data-based perspective on spatial realities and historical epochs, providing a valuable tool for the industry's planning and decision-making processes.</p>	



METADATA	
Year	2024
Title	A Framework for Responsible Tourism in Scotland's Historic Environment: Experiences from Transforming Tourism at a Film-induced Heritage Visitor Attraction
Author(s)	Vanessa Glindmeier, Gary Treacy
Journal	Springer book
Volume	Forthcoming
Editor	Bart Neuts, João Martins, Marinos Ioannides
Keywords	Responsible heritage tourism, Climate change, Local communities
Type (scientific paper, book, working paper..)	Conference proceedings
Weblink	https://ees.kuleuven.be/en/culturaltourismconference
ABSTRACT	
<p>Global recognition of the importance of responsible tourism and its benefits, which can be enjoyed by all, both now and in the future, without detriment to communities and the environment, is growing. While tourism is a major component of the Scottish economy, it also contributes to climate change through associated greenhouse gas emissions. Heritage and cultural tourism contributes to making better places for people to live in, and better places for people to visit, whilst contributing significantly to Scotland's green recovery from the pandemic and its transition to net zero and a climate-resilient society, when responsible tourism principles are at the heart of decision making. Historic Environment Scotland (HES), Scotland's lead public body for the historic environment and largest operator of paid-for visitor attractions published its HES Responsible Tourism Framework in March 2023, determining how the organisation will adopt responsible tourism principles to transform its approach to tourism operations, equally respecting the needs of local communities, visitors, the environment, and of the cultural heritage itself. In 2019, HES obtained funding to deliver a pilot project at Doune Castle, alongside which the Framework has been developed. The castle was chosen as a case study as it, and the village it is located in, has experienced pressure through increased footfall following its appearance on the hit TV series 'Outlander'. This paper presents how the HES Responsible Tourism Framework has been applied at Doune Castle, supporting the transformation of heritage and cultural tourism to the site to a more responsible model.</p>	



3.1 The 20th Urbanpromo Edition, Florence, 7-10th November 2023

The 20th edition of Urbanpromo – Progetti per il Paese was held in Florence from 7 to 10 November 2023. The event was promoted by INU – Istituto Nazionale di Urbanistica, with the organisational support of its instrumental company URBIT – Urbanistica Italiana Srl.

The elaboration of the programme of the event was directed by a Steering Committee, made up of INU / URBIT representatives and representatives of the partner organisations. The Committee coordinated and synthesised the individual initiatives developed by the various Working Groups. Main partners of INU / URBIT for the Urbanpromo project were Fondazione CR Firenze, Fondazione Cariplo, Fondazione Sviluppo e Crescita CRT, Fondazione con il Sud, CDP Real Asset Sgr, Regione Toscana, ANCE, Confcommercio, FS Sistemi Urbani.

The venue for the 20th edition of Urbanpromo was the Innovation Centre of Fondazione CR Firenze, a building constructed in the late 17th century by Grand Duke Cosimo III de' Medici as the Granary of Abundance. After becoming the Military Bakery and then the caserma Cavalli (Cavalli barracks), it was purchased by the Fondazione CR Firenze, renovated and transformed into a centre of technological innovation inaugurated in 2021.



The 20th Urbanpromo edition

Figure 2 – Urbanpromo event producing a conference proceedings book

Urbanpromo's cultural programme developed the four macro-themes into which the event had been divided and specialised over time: urban regeneration (Urbanpromo City), social housing (Urbanpromo Social Housing), ecological transition (Urbanpromo Green) and digital culture (Urbanpromo Digital). As was its usual custom, Urbanpromo addressed issues of topical priority, making use of the results of research and theoretical-interpretative contributions, and presenting the most innovative experiences conducted by public administrations, Third Sector organisations, companies and private organisations with specific skills. The enhancement of public-private partnerships, the dissemination of good practices, the growth of technical and administrative skills, and the conception and promotion of legislative and project innovations were the main aims of the event.

The event programme envisaged that, over its 4 days, the 4 halls of the Congress Centre always hosted 4 conferences in parallel.

Book plan (forthcoming)

The Conference Proceedings book, edited by INU (Istituto Nazionale di Urbanistica – National Institute of Urban Planning) titled "Per un turismo sostenibile e valoriale" ("For a sustainable and values-based tourism") opens with presentations and introductions from key figures such as Daniela Santanchè, the Minister of Tourism, Gianni Biagi, Stefano Stanghellini, Dario Nardella, Mayor of Florence, and Bernabò Bocca, President of Fondazione CR Firenze. These initial sections set the stage for a comprehensive discussion on sustainable tourism practices.

The Ministry of Tourism, under the leadership of Daniela Santanchè and Barbara Casagrande, the Secretary General, plays a significant role in promoting sustainable tourism for UNESCO heritage sites. The Ministry's commitment is evident in their strategic planning and presentation of themes aimed at enhancing cultural and environmental sustainability, aligning with the goals of the 2030 Agenda.

The first part of the document, titled "Un turismo sostenibile per i Siti Patrimonio Unesco," features contributions from various experts. Barbara Casagrande presents the theme, emphasizing the importance of integrating cultural and environmental sustainability into tourism practices. Elena Di Raco, from Enit, discusses the broader perspective of cultural and environmental sustainability as outlined in the 2030 Agenda. Other contributors, like Iginio Rossi from INU and Alessandra Bandini from Fondazione CR Firenze, highlight specific initiatives aimed at promoting slow and accessible cultural tourism and the environmental revitalization of Florence, respectively.

In the fourth part, titled "Peculiarità e prospettive dei supporti digitali al turismo," Maria Cerreta (INU, University of Naples Federico II) and Antonia Gravagnuolo (CNR, Be.CULTOUR Coordinator) present the Be.CULTOUR project. This H2020 initiative focuses on sustainable innovations for circular cultural tourism. The project's goal is to foster a more sustainable and circular approach to cultural tourism, leveraging new technologies and innovative practices to enhance the tourism experience while preserving cultural heritage and promoting environmental sustainability.

The Be.CULTOUR project stands out as a significant contribution to the discourse on sustainable tourism. By integrating circular economy principles into cultural tourism, the project aims to create a model that can be replicated across different regions and contexts, ensuring that tourism development benefits both local communities and the environment.

In summary, the document highlights the Ministry of Tourism's proactive role in fostering sustainable tourism practices and the innovative contributions of the Be.CULTOUR project, led by Maria Cerreta and Antonia Gravagnuolo. Their efforts underscore the importance of integrating sustainability into tourism to preserve cultural heritage and promote environmental stewardship.

METADATA	
Year	2024
Title	Il progetto H2020 Be.CULTOUR: innovazioni sostenibili per un turismo culturale circolare (The Be.CULTOUR project: sustainable innovations for a circular cultural tourism)
Author(s)	Maria Cerreta and Antonia Gravagnuolo
Type	Conference Proceedings book
Volume	"Per un turismo sostenibile e valoriale" (For a sustainable and values-based tourism)
Number	Forthcoming
Editor	Stefano Stanghellini et al.
Keywords	cultural tourism, urban innovation, territorial innovations, local communities
Type (scientific paper, book, working paper..)	Scientific paper
Weblink	The 20th Urbanpromo edition – Edizione 2023 – EN
ABSTRACT	
The Horizon 2020 Be.CULTOUR project aims to develop sustainable and innovative circular models centered around human and community needs to regenerate and valorize lesser-known cultural sites and landscapes through cultural tourism. The project, spanning from 2021 to 2024, is coordinated by the CNR ISPC and involves 15	

international partners. It addresses the negative impacts of over-tourism, such as environmental degradation, gentrification, and economic instability, by promoting a sustainable, circular, and regenerative tourism approach.

The methodology involves several phases, including exploring hidden resources, identifying key challenges, defining shared objectives, and prototyping innovative solutions. Six pilot heritage sites across Europe serve as testbeds for these innovations, which are developed through strategic action plans and a community of practice framework.

The Be.CULTOUR framework is built on four cross-cutting approaches: circular tourism, responsible and human-centered tourism, the European value of cultural heritage, and smart destination management using digital tools. The project emphasizes the importance of local community involvement, digital innovation, and the re-interpretation of cultural heritage to enhance the tourism experience.

Key innovative solutions include digital platforms and social innovations, such as immersive tours and community-driven projects. The use of Digital Twin technology supports smart destination management by simulating alternative development scenarios and monitoring visitor and environmental data. The project's outcomes aim to foster a more sustainable, responsible, and human-centered tourism industry that benefits both local communities and visitors.



4. Special Issues in international peer-reviewed journals

4.1 Innovative entrepreneurial practices for heritage-led urban and rural regeneration in Europe | *Cities international Journal, Elsevier*

A Special Issue on “Innovative entrepreneurial practices for heritage-led urban and rural regeneration in Europe” was launched in 2024 on the international peer-reviewed scientific journal “Cities”, Elsevier publishing group. The Special Issue was led by Be.CULTOUR researchers from CNR and ICHEC, as well as involving the University of Chieti-Pescara in a joint collaboration effort. Below the topics addressed by the Special Issue.

Website: [Call for papers - Cities | ScienceDirect.com by Elsevier](#)

The Special Issue aims to explore **innovative entrepreneurial practices for heritage-led urban and rural regeneration** to promote an understanding of **cultural tourism** which moves away from a “hit-and-run” consumer-oriented approach.

After decades of debating the growing threats of gentrification, over-tourism and overexploitation of heritage sites, nature and human capital, harming heritage and favouring its commodification (Artal-Tur et al., 2018; De Luca et al., 2020; Díaz-Parra & Jover, 2021), the depletion of resources, threatening biodiversity as well as forcing residents to leave their places (Bertocchi & Visentin, 2019; Novy & Colomb, 2016; Seraphin et al., 2018), COVID19 put a temporary halt to this process, and transformed our lived environment into ghost towns. It also provided a unique opportunity to revisit tourism flows and developing **sustainable tourism models** based on a **human-centred approach** where the **wellbeing and flourishing of territories and communities** is prioritised.

Cultural entrepreneurs can be drivers of dynamic and impactful growth in urban and rural/remote areas. Cultural entrepreneurship has become a platform to capitalise on culture to launch business ideas/solutions aimed at bringing positive societal change. **This special issue aims to highlight the role of innovative and impactful cultural entrepreneurship practices** in contributing to a post-Covid recovery of the urban and rural Cultural and Creative Industries ecosystems as well as to the resilience, sustainable development and flourishing of territories and communities. **The focus is on entrepreneurial practices going beyond tourism as a means to revitalise local economies, focusing on cultural participation, co-creation and collective care of heritage sites and landscapes.** This SI will, therefore, zoom in on the impacts of community catalysers and cultural entrepreneurs passionately committed to the transformation of local challenges into

opportunities. It aims to map innovative and impactful cultural entrepreneurial practices for heritage-led urban and rural regeneration in Europe.

In 2020, the Directorate General for Employment, Social Affairs and Inclusion of the European Commission, launched The Pact for Skills which introduces a shared model of commitment for public and private actors across the European Union to engage in re-skilling and upskilling the workforce across multiple industrial ecosystems. Under the framework of this Pact, The Large-Scale Skills Partnership for the Cultural and Creative Industries ecosystem (CCI LSP) was launched. The 2021 International Year of Creative Economy positioned the creative economy as a forefront player in transforming global challenges in opportunities while fulfilling the Sustainable Development Goals (UNCTAD 2022). 2023 is the European Year of Skills. In the light of the significant contribution of cultural and creative industries to the global economy (OECD 2021), as well as to employment and job creation (seen the large percentage of micro and small enterprises and self-employment in addition to large CCIs) (KEA, and PPMI 2019), as well as to health and wellbeing, social inclusion, resilience, sustainable tourism, etc... (OECD 2022), cultural entrepreneurship is gaining ground as a dynamic force to boost the role of cultural and creative industries in state of the art growth paradigms (Ellmeier 2003; Sacco and Segre, 2009; Hausmann and Heinze 2016; Dobрева and Ivanov, 2020; Ost and Saleh 2021).

Contributions are focused on Europe and contributors are kindly encouraged to address:

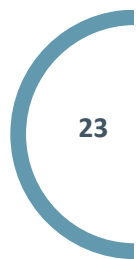
- Circular and human-centred cultural tourism innovations in urban and rural/remote areas
- The role of the innovation / entrepreneurial ecosystem and enabling environment
- Circular business models for heritage-led urban and rural regeneration
- Innovative financial models for heritage-led urban and rural regeneration
- Impacts assessment of innovative cultural tourism practices
- Cultural entrepreneurs as drivers of sustainability
- Entrepreneurial success/failure stories related to: community-led urban/rural/remote areas regeneration; Intelligence and data gathering; communication and outreach; immersive digital environment; cross-sectoral innovation and green transformation, and health and well-being
- Cultural entrepreneurs' skills and mindset for civic responsibility and reactivation
- Cultural entrepreneurs as mediators of creativity and positive impacts

Guest editors: Dr. Antonia Gravagnuolo, Dr. Ruba Saleh, Prof. Dr. Pier Luigi Sacco

Below a list of planned and submitted papers in the Special Issue, including both Be.CULTOUR researchers and external researchers forming a large scientific community interested in exploring the proposed topic through several case studies across European countries.

METADATA	
Year	2024 (forthcoming)
Title	Innovative cultural entrepreneurship. Testing and prototyping solutions in six European regions.
Author(s)	Ruba Saleh and Philippe Drouillon
Journal	CITIES
Volume	Special Issue - Innovative entrepreneurial practices for heritage-led urban and rural regeneration in Europe
Number	Forthcoming
Editor	Antonia Gravagnuolo, Ruba Saleh, Pier Luigi Sacco
Keywords	cultural tourism, cultural entrepreneurship, territorial innovations, territorial flourishing, local communities, Europe
Type (scientific paper, book, working paper..)	Scientific paper
Weblink	Call for papers - Cities ScienceDirect.com by Elsevier
ABSTRACT	
<p>Since the 1950s tourism became accessible to many and over the years several trends were mapped and produced. Cultural tourism is relatively a recent phenomenon which initially started as an elitist activity. Cultural heritage is a strong medium of communication, growth and soft power. It impacts the economy, the social health and well-being, the sense of pride and belonging, the environment, and the way people behave and practice daily life, just to mention a few. The COVID-19 crisis spurred the birth of new trends linked to the lack of mobility, quarantine regulations, loneliness and desire to reconnect with nature, heritage and interact with human beings. Under the framework of H2020 project Be.CULTOUR 19 local groups embarked on an innovation route aimed at shaping the future of cultural tourism in Be.CULTOUR six partner European region. This paper aims to describe the process and outcomes of this cultural entrepreneurial journey.</p>	





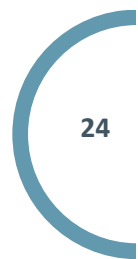
METADATA	
Year	2024 (forthcoming)
Title	Art Tourism as a Driver of Sustainable Innovation in Marginal and Less-known Cultural Heritage Destinations
Author(s)	Apicerni, V., Gravagnuolo A., Panozzo F.
Journal	CITIES
Volume	forthcoming
Number	Special Issue - Innovative entrepreneurial practices for heritage-led urban and rural regeneration in Europe
Editor (guest)	Antonia Gravagnuolo, Ruba Saleh, Pier Luigi Sacco
Keywords	Art Tourism; Art-based Practices; Innovation Management; Collaboration Models; Regeneration; Sustainable Development
Type (scientific paper, book, working paper..)	Scientific Paper
Weblink	Call for papers - Cities ScienceDirect.com by Elsevier
ABSTRACT	
<p>Within the domain of cross-fertilization between art-based practices and innovation, Art Tourism is emerging as a new strand of research in the broader field of cultural and creative tourism for the sustainable development of marginal and less-known cultural heritage destinations. The purpose of this paper is to provide an analysis of the current theoretical contributions that address art-based practices and tourism from different perspectives and explore innovative models of Art Tourism. Based on a literature review, the study presents a conceptual map identifying Art Tourism's specific thematic areas: Art Enjoyment and Experiences, Art-led Regeneration vs Gentrification, and Art-based Initiatives. Then, adopting an explorative case study methodology, each thematic area is further investigated through an Art Tourism project in Italy. Findings suggest that Art Tourism, initially promoted by cultural policies, is shifting towards innovative entrepreneurial practices in the forms of collaborative networks and social or community-based entrepreneurship. The study concludes with a critical discussion of the potentialities and the risks of these projects and traces future research directions.</p>	

METADATA	
Year	2024 (forthcoming)
Title	Towards Cultural Heritage-based Innovation Strategies by Evolution of the Knowledge Triangle of Research, Education and Business Innovation
Author(s)	Jermina Stanojev, Christer Gustafsson

Journal	CITIES
Volume	forthcoming
Number	Special Issue - Innovative entrepreneurial practices for heritage-led urban and rural regeneration in Europe
Editor (guest)	Antonia Gravagnuolo, Ruba Saleh, Pier Luigi Sacco
Keywords	Cultural heritage, urban strategies, innovation, research, education, business
Type (scientific paper, book, working paper..)	Scientific Paper
Weblink	Call for papers - Cities ScienceDirect.com by Elsevier

ABSTRACT

Recent global crises have significantly impacted societies, economies, and political systems across the globe. Cultural heritage, as both a sector and a resource, has faced challenges, underscoring the need for innovative approaches in urban and regional strategies. Despite this, there is a notable gap in understanding how innovation has been cultivated within urban cultural heritage environments, both historically and in contemporary practices. This situation has highlighted the sector's vulnerabilities and the pressing need for strategic innovation. Holistic methods like the Heritage Innovation Partnership (HIP), the Halland Model (HM), or the Historic Urban Landscape (HUL) demonstrate the potential for integrating innovative tools in cultural heritage management. However, there remains a significant lack of entrepreneurial culture and innovation within the sector, particularly in academic settings. Concurrently, concepts such as the knowledge triangle, innovation paradox, third mission, entrepreneurial university, or the triple/quadruple/quintuple helix are emerging as essential frameworks for fostering entrepreneurship and innovation. Yet, cultural heritage strategies often overlook these concepts, failing to integrate them into their foundational practices. Recognizing the importance of these frameworks, this paper delves into the evolution of innovation within urban cultural heritage environments, examining the interplay between research, education, and business innovation - known as the knowledge triangle. It highlights the significance of cultural heritage as a catalyst for innovation, addressing the gap in literature regarding the nurturing of innovation in such settings. Through an exploration of various approaches this article underscores the critical need for integrating innovative and entrepreneurial culture within cultural heritage sectors and their educational frameworks, ecosystem and enabling environment. It argues for a more robust incorporation of innovation strategies, impacts assessment frameworks,



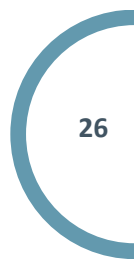
emphasizing the pivotal role of the knowledge triangle as an instrument in fostering entrepreneurship and innovation in urban cultural heritage strategies.

METADATA	
Year	2024 (forthcoming)
Title	Cultural Heritage Ecosystems and Entrepreneurship for a Strategic and Regional Development – the Case of Sweden
Author(s)	Jermina Stanojev, Christer Gustafsson
Journal	CITIES
Volume	forthcoming
Number	Special Issue - Innovative entrepreneurial practices for heritage-led urban and rural regeneration in Europe
Editor (guest)	Antonia Gravagnuolo, Ruba Saleh, Pier Luigi Sacco
Keywords	Cultural heritage, cultural entrepreneurship, urban strategies, innovation
Type (scientific paper, book, working paper..)	Scientific Paper
Weblink	Call for papers - Cities ScienceDirect.com by Elsevier
ABSTRACT	
<p>Concepts such as the knowledge triangle, innovation paradox, third mission, entrepreneurial university, or the triple/quadruple/quintuple helix are emerging as essential frameworks for fostering entrepreneurship and innovation and can support cultural entrepreneurs that can be drivers of dynamic development and growth also in rural and remote areas. The case of numerous Swedish examples and their multiplicity demonstrate that cultural entrepreneurship could become a stage to diversify and expand on how culture can play an instrumental role to launch not only business ideas and solutions aimed at bringing positive societal change, but to evolve connections among research, education and business innovation contributing to cultural and creative industries ecosystems as well as to the resilience, sustainable development and thriving of territories and communities – both from the regional and societal perspective, therefore the focus of this article is on entrepreneurial practices going beyond tourism and businesses as a means to regenerate local economies, focusing on cultural participation, ecosystems and co-creation for and around heritage sites, landscapes and regional development of several cases in Sweden that participated in CLIC and Be.Cultour projects.</p>	

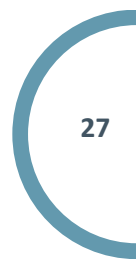


Below the full and synthetic list of papers accepted for submission at the time of delivery of this report, to be published soon after the peer-review process will be completed:

1. Saleh, R., & Drouillon, P. (2024). Innovative cultural entrepreneurship: Testing and prototyping solutions in six European regions. *CITIES, Special Issue. Forthcoming.*
2. Apicerni, V., Gravagnuolo, A., & Panozzo, F. (2024). Art tourism as a driver of sustainable innovation in marginal and less-known cultural heritage destinations. *CITIES, Special Issue. Forthcoming.*
3. Stanojev, J., & Gustafsson, C. (2024). Towards cultural heritage-based innovation strategies by evolution of the knowledge triangle of research, education and business innovation. *CITIES, Special Issue. Forthcoming.*
4. Stanojev, J., & Gustafsson, C. (2024). Cultural heritage ecosystems and entrepreneurship for a strategic and regional development – The case of Sweden. *CITIES, Special Issue. Forthcoming.*
5. Nativio, A., & Panozzo, F. (2024). Spaces for creative entrepreneurship between politics and academia. *CITIES, Special Issue. Forthcoming.*
6. Sokołowicz, M. E., Nowakowska, A., & Zasina, J. (2024). Asset or stigma: Is industrial heritage a territorial capital? *CITIES, Special Issue. Forthcoming.*
7. Vaishar, A., Šťastná, M., & Zapletalová, J. (2024). From industry to cultural tourism: Structural transformation of the second-order city. Case Brno. *CITIES, Special Issue. Forthcoming.*
8. Chasovschi, C. (2024). Transforming heritage: Best practices for upcycling old wooden houses into sustainable tourism accommodations. *CITIES, Special Issue. Forthcoming.*
9. Marucci, M. (2024). The “democracy cube” revised: assessing a culture-led regeneration process in Bergamo city. *CITIES, Special Issue. Forthcoming.*
10. Candeloro, G., & Tartari, M. (2024). Heritage-led sustainable development in rural areas: The case of ViviCalascio community-based cooperative. *CITIES, Special Issue. Forthcoming.*
11. Su, R., Liu, A., & Deng, Z. (2024). Place, tourism and cultural entrepreneurship: A critical engagement with cultural political economy. *CITIES, Special Issue. Forthcoming.*
12. Scaffidi, F., Micelli, E., & Nash, M. (2024). The role of the social entrepreneur for sustainable heritage-led urban regeneration. *CITIES, Special Issue. Forthcoming.*
13. Di Grazia, V., Tricarico, L., & Pirri Valentini, A. (2024). From grassroots cultural movements to institutionalized urban regeneration projects: The cases La Friche la Belle de Mai (Marseille) and Piccolo America (Rome). *CITIES, Special Issue. Forthcoming.*



14. Lucchi, E., Turati, F., Colombo, B., & Schito, E. (2024). **Heritage-driven urban regeneration: The example of Casa Macchi in Morazzone (Italy)**. *CITIES, Special Issue. Forthcoming.*
15. Hernandez Lamas, P., Bernabéu Larena, J., Cabau Anchuelo, B., Martín-Caro Álamo, J. A., Gil Plana, Á., & de Castro Cuartero, Ó. (2024). **Heritage valorisation of Madrid's bridges and stations: Applications and new dissemination tools**. *CITIES, Special Issue. Forthcoming.*
16. Grano, M. C. (2024). **Sustainable and innovative practices for the regeneration of ancient water mills connected to landscape management in internal areas**. *CITIES, Special Issue. Forthcoming.*
17. Salpina, D., Casartelli, V., Marengo, A., & Mysiak, J. (2024). **Financing strategies for the resilience of cultural landscapes: Lessons learned from a systematic literature and practice review**. *CITIES, Special Issue. Forthcoming.*
18. Eliodori, S., Valeriani, M., & Pisotska, V. (2024). **Participatory and deliberative tools to enhance public-private partnership for sustainable tourism: The rural case of Bucine**. *CITIES, Special Issue. Forthcoming.*



4.2 Land Use Planning and Smart City Design | *Land international journal*, MDPI

A Special Issue on topics related to Be.CULTOUR was launched in 2022 on the international peer-reviewed scientific journal “Land”, MDPI publishing group. The Special Issue was led by Be.CULTOUR researchers from OUNL and CNR. Below the topics addressed by the Special Issue.

Website: [Land | Special Issue : Land Use Planning and Smart City Design \(mdpi.com\)](https://www.mdpi.com/journal/land/special_issue/Land_Use_Planning_and_Smart_City_Design)

Topic:

Land-use planning has a long tradition in geography, urban and regional economics, environmental management, urban architecture, transportation science and physical planning. In recent years, a new concept has come to the fore in the urban field due to the emergence of wealth of scientific publications on the conceptualization, operationalization and technological implementation of smart circular cities/regions. The main challenge of such cities and regions is not the presence of advanced digital technology, but the exploitation of the many benefits of **human-centred digital technology** for increased urban performance in several dimensions (e.g., social, cultural, economic, well-being, accessibility, safety, participatory, etc.), fostering co-creation and participatory approaches for smart circular city/region development.

One of the prominent fields where digital technology may make a difference is land use planning. In the past years an avalanche of new **analysis techniques, planning approaches and citizens’ participatory modes** has evolved. At present, urban and territorial land use planning is hardly affective, if it is not supported by advanced human-centred digital technology. It should be added that 2D top-down land use planning is increasingly substituted for **3D and participatory analytical methods** which are often even more extensively based on **advanced geo-science approaches**.

This Special Issue of Land seeks to publish high-quality scientific contributions regarding **land-use planning and advanced digital technology in the context of smart circular city/region development concepts and practices**. It will contain theoretical/methodological advances and operational and applied studies from both the developed and developing part of the world. This Special Issue covers many disciplinary fields ranging from **architecture to computer science**, from **political science to geo-design**, from **geography to urban planning**, from **cultural tourism to circular urban/regional development**, etc.

Guest Editors: Dr. Antonia Gravagnuolo, Dr. Karima Kourtit, Prof. Dr. Peter Nijkamp

Four papers were published in the Special Issue:

- Addas, A. Influence of Urban Green Spaces on Quality of Life and Health with Smart City Design. *Land* **2023**, *12*, 960. <https://doi.org/10.3390/land12050960>
- Martínez, F.; Sepúlveda, B.; Manríquez, H. Fractal Organization of Chilean Cities: Observations from a Developing Country. *Land* **2023**, *12*, 296. <https://doi.org/10.3390/land12020296>
- Steigerwald, F.; Kossmann, M.; Schau-Noppel, H.; Buchholz, S.; Panferov, O. Delimitation of Urban Hot Spots and Rural Cold Air Formation Areas for Nocturnal Ventilation Studies Using Urban Climate Simulations. *Land* **2022**, *11*, 1330. <https://doi.org/10.3390/land11081330>
- Campos, P.B.R.; Almeida, C.M.d.; Queiroz, A.P.d. Spatial Dynamic Models for Assessing the Impact of Public Policies: The Case of Unified Educational Centers in the Periphery of São Paulo City. *Land* **2022**, *11*, 922. <https://doi.org/10.3390/land11060922>

The topics of the selected papers were focused on spatial analysis tools and impact assessment related to urban and rural development, in line with the Journal scientific field. The Special Issue was seen by more than 12,700 researchers and the papers published reached over 10,000 views by the time of this report.



5. Other Scientific Articles

Several scientific articles have been published and are currently either submitted or forthcoming, developed within the Be.CULTOUR community. A large amount of scientific production is currently underway to disseminate the results obtained even after the end of the project. Below is the list of articles.

5.1 Published articles

METADATA	
Year	2024
Title	Sustainable hospitality and tourism in the Anthropocene era: the need for a more radical shift of the current circular economy models
Author(s)	De Martino M., Apicerni V., Gravagnuolo A.
Journal	International Journal of Contemporary Hospitality Management
Volume	36
Number	5
Editor	Okumus F.
Keywords	Circular economy models; Anthropocene society; Institutional approach; Archetypes; Sustainability
Type (scientific paper, book, working paper..)	Scientific Paper
Weblink	https://doi.org/10.1108/IJCHM-06-2023-0854
ABSTRACT	
<p>Purpose. This paper aims to critically analyse the circular economy (CE) models adopted in hospitality and tourism to tackle societal challenges in the current Anthropocene era, exploring the driving values and sustainability approaches.</p>	
<p>Design/methodology/approach. A systematic literature review was carried out with an increasing level of analysis to delve more in-depth into the ability of the CE models to respond to current societal challenges. The review involved a stepwise analysis, starting with a thematic analysis of 151 papers to create a conceptual structure map of circular hospitality and tourism literature. Based on originality and representativeness, 22 papers were selected and analysed according to Hoffman and Jennings' (2018; 2021)</p>	

institutional approach to sustainability, which entails specific archetypes to address the Anthropocene society: market rules, technology fix and cultural re-enlightening.

Findings. The hospitality and tourism industry has made progress towards implementing CE models. However, CE models in market role and technology fix archetypes may fail to address the current challenges of the Anthropocene era. New culture-led approaches within the cultural re-enlightening archetype, such as the regenerative land practices, a-growth and place-making, and circular society, can foster a more radical shift towards strong sustainability.

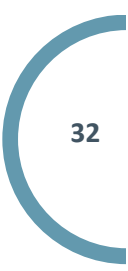
Research limitations/implications. The paper highlights the urgent need for a cultural shift towards radical and strong sustainability, identifying future research directions. Policymakers have a crucial role in shaping sustainability practices consistent with an ecological culture centred on acknowledging planetary boundaries.

Originality/value. Despite the increasing interest in CE models, it is still debated how the hospitality and tourism industry can continue to thrive while avoiding harmful impacts on the environment and local communities. The study critically reflects on the current contribution of CE models towards strong sustainability in hospitality and tourism.

METADATA	
Year	2024
Title	Cityphilia and cityphobia: A multi-scalar search for city love in Flanders
Author(s)	Karima Kourtit, Bart Neuts, Peter Nijkamp, Marie H. Wahlström
Journal	Journal of Urban Management
Volume	In Press, Corrected Proof
Editor	Shih-Kung Lai, Yuzhe Wu, Jianxing Yu
Keywords	Well-being, Happiness, City love, Social cohesion, Central place systems, Inter-urban attractiveness
Type (scientific paper, book, working paper..)	Scientific paper
Weblink	https://doi.org/10.1016/i.jum.2024.04.004
ABSTRACT	
<p>Cities, towns, and rural areas form a complex spatial system influenced by governance, economic factors, and the perceptions of their residents. This paper introduces the concepts of 'cityphilia' and 'cityphobia' as metaphors for the spatial attraction and repulsion forces that shape local quality of life. It aims to create and validate an</p>	

operational framework for understanding citizens' appreciation and attachment to their living environment, often referred to as 'city love.' This framework considers two key components, 'body' and 'soul,' encompassing both physical and social aspects. Building upon Charles Tiebout's work on the competitive attractiveness of cities and aligning with contemporary research on the geography of happiness, a conceptual model is developed and applied to identify and assess the components of city love using various indicators. These indicators encompass local attractiveness, local public expenditures, and inter-urban interdependencies. The model is empirically tested in the context of Flanders, Belgium, a region comprising 300 distinct municipalities, both urban and rural. A Beta regression model is employed, which incorporates spatial dependencies to examine multi-scalar effects on residential satisfaction. The results affirm the soundness of the 'city love' framework and emphasize the significance of central place systems in providing tangible and intangible well-being services to citizens within a hierarchical spatial structure. These findings carry notable implications for urban policy and management, shedding light on how local attractiveness and interdependence shape the well-being of residents in diverse urban and rural settings.

METADATA	
Year	2024
Title	Villages in the City – Urban Planning for Neighbourhood Love
Author(s)	Karima Kourtit, Peter Nijkamp, Umut Turk, Mia Wahlström
Journal	Tijdschrift voor Economische en Sociale Geografie (Journal of Economic and Human Geography)
Editor	Ilse van Liempt, Michiel van Meeteren
Keywords	City love; happiness; well-being; neighbourhood love; urban village; body; soul;community; spatial dependence; urbanometrics
Type (scientific paper, book, working paper..)	Scientific paper
Weblink	https://doi.org/10.1111/tesg.12618
ABSTRACT	
The city comprises of a wide variety of heterogeneous territorial units (e.g. districts or neighbourhoods). In many – especially larger – cities, social capital assets (like community bonds) are mirrored at the level of neighbourhoods which form the home	



for many sociocultural communities or distinct socio-economic classes. We postulate in this study that the big city is essentially an 'archipelago' made up of 'urban villages'. We analyse the residents' perceived attractiveness regarding their daily local neighbourhood by introducing the concept of 'village love' (or 'neighbourhood love'), inspired by the recent literature on 'city love' (comprising 'body', 'soul' and 'community' constituents of urban life). Based on an extensive and detailed multi-annual database for all neighbourhoods in Rotterdam, the present paper seeks to identify the background factors shaping 'village love' in the city, with particular attention to the citizens' subjective appreciation for and access to a great variety of (physical and immaterial) urban amenities shaping the place-based satisfaction of residents. The theoretical framing of our research resembles the basics of traditional central place theory here transmitted to the urban space in which local proximity to amenities plays a key role. A wide array of relevant amenities impacting on the place-specific well-being feelings ('village love') of residents in various neighbourhoods in the city of Rotterdam is distinguished using inter alia-rich multi-annual survey data. This approach is empirically tested and verified by means of LISA statistics and advanced spatial econometric dependence models ('urbanometrics'). The findings confirm the usefulness of a central place interpretation of 'urban village love' in the city.

METADATA	
Year	2023
Title	L'Art-Tourism come strategia di sviluppo sostenibile nei siti del patrimonio minore: pratiche emergenti in Italia
Author(s)	Apicerni, V., Gravagnuolo A., Panozzo F.
Journal	Rapporto sul Turismo Italiano
Volume	XXVI
Editor	Marasco M., Morvillo A., Maggiore G., Becheri E.
Pages range	203-213
Keywords	Art tourism; Turismo creativo; Pratiche art-based; Sviluppo sostenibile; Rigenerazione urbana
Type (scientific paper, book, working paper..)	Book Chapter
Weblink	https://www.cnr.it/sites/default/files/public/media/attivita/editoria/9788880806004_CNR_XXVI_Rapporto_versione29042024.pdf
ABSTRACT (Italian)	



Il presente contributo si inserisce nell'attuale dibattito che identifica l'art tourism come ambito di ricerca emergente del turismo culturale (Slak Valek 2018, 2022; Franklin, 2018) e quale potenziale driver di sviluppo di nuove destinazioni, tra cui i siti del patrimonio meno conosciuti e i territori esterni ai grandi attrattori urbani (Panozzo, 2019; Carballo e Leon, 2018; Gotham, 2005). Sebbene condivide con il turismo culturale la motivazione del viaggio per fruire di eventi temporanei o siti culturali (musei; gallerie d'arte; biennali; festival), l'art-tourism ha infatti alcune specificità, tra cui la valorizzazione del patrimonio attraverso una sua interpretazione contemporanea e la promozione di pratiche art-based, che promettono di attivare processi innovativi per la rigenerazione e lo sviluppo sostenibile. L'obiettivo è quello di identificare tali caratteristiche distintive attraverso la presentazione di alcune pratiche emergenti nel contesto italiano relative alle principali tendenze che stanno caratterizzando l'ambito di ricerca dell'art tourism: il turismo creativo e la gentificazione urbana. In particolare, si focalizza sulle esperienze di residenze artistiche, i processi di co-creazione con le comunità e le ri-narrazioni artistiche dei luoghi, pratiche accomunate dall'aspirazione alla ri-semantizzazione di territori e comunità nel nome dello sviluppo sostenibile e della coesione sociale. Il contributo interroga quest'aspirazione evidenziandone anche gli aspetti critici, in particolare per quanto riguarda la dialettica tra autorialità e partecipazione (Tartari et al, 2022).

Il contributo rappresenta uno dei primi studi sull'art tourism in Italia e vuole informare i decisori pubblici e gli stakeholders del settore sulle potenzialità e sui rischi di queste tendenze nell'ambito di strategie per la promozione e lo sviluppo turistico dei territori realmente fondate sull'attivazione di pratiche socio-artistiche autoctone.



METADATA	
Year	2023
Title	Forsvik, Sweden: Towards a People–Public–Private Partnership as a Circular Governance and Sustainable Culture Tourism Strategy
Author(s)	Christer Gustafsson, Mohamed Amer
Journal	Sustainability
Volume	Special Issue - Sustainable Tourism, Cultural Heritage and Corporate Social Responsibility in Urban Environment
Number	15(5), 4687
Editor	Zhangqi Zhong, Shan Li, Dandan Yu

Keywords	People-centred approach; heritage governance; circular economy; partnerships.
Type (scientific paper, book, working paper..)	Scientific paper
Weblink	https://doi.org/10.3390/su15054687
ABSTRACT	
<p>The objectives of this study are to (a) invest adaptively in the cultural assets which play a part in generating the cultural identity manifestations, (b) review a group of sustainable bottom-up-centred and/or circular economy-based projects (CHRISTA and Västra Götaland Regional Development Policy (SE); CLIC; Be.CULTOUR), and (c) strategically support the sustainable culture tourism process in Forsvik (a Swedish industrial heritage destination) by involving the local community members.</p> <p>Design/Methodology/Approach: The research was carried out in Forsvik as a circular governance model adopting a people-centred approach. The research qualitatively presents its review through a descriptive analysis of the aforementioned projects. In addition, the paper consists of two in-depth individual interviews with the key governmental decision makers, as well as the experience of the 1st author as a project leader.</p> <p>Findings: The results show a People–Public–Private Partnership approach, as a community-driven social innovation tool, that seeks to operationalize a strategic dynamic partnership mainly among three partners: (1) people or the host community, (2) the public sector, and (3) the private sector.</p> <p>Originality/Value: One of the contributions of this study is to develop a corporate committee valorising and emancipating the role of community engagement in circular governance providing a sustainable people-centred cultural tourism strategy.</p>	

METADATA	
Year	2023
Title	Culture and Tourism: A Sustainability Dilemma?
Author(s)	Karima Kourtit, Peter Nijkamp
ISBN	978-90-75289-71-8
Volume	Keeping the focus on sustainability: a challenge for governance Liber Amicorum presented to Prof.dr. Harry Geerlings
Number	J. Vroomans (ed.)
Editor	Vroomans, Jos; Kuipers, Bart; van Duin, J.H.R.
Pages range	90-101
Keywords	Culture, tourism, sustainability, decomposition
Type (scientific paper, book, working paper..)	Scientific paper

book, working paper..)	
Weblink	https://www.researchgate.net/publication/368469241_Keeping_the_focus_on_sustainability_a_challenge_for_governance#fullTextFileContent
ABSTRACT	
<p>This paper addresses the culture-tourism nexus from a sustainability perspective. It sketches in a cascade form the methodological roadmap for handling the uneasy relationship between culture and tourism from a data-driven angle, based on a novel decomposition approach.</p>	

METADATA	
Year	2023
Title	Region-specific turning points in territorial economic resilience: a business cycle approach to Turkey
Author(s)	Hasan Engin Duran, Zeynep Elburz, Karima Kourtit, Peter Nijkamp
Journal	Area Development and Policy
Volume	9
Number	1
Editor	Shenjing He, Liu Weidong
Pages range	45-66
Keywords	Economic resilience, economic cycle, timing of economic crises, Turkish provincial economic development, two-stage least squares (2SLS)
Type (scientific paper, book, working paper..)	Scientific paper
Weblink	https://doi.org/10.1080/23792949.2023.2197033
ABSTRACT	
<p>Almost all regional economic resilience studies measure resilience by referring to national time patterns of recessions. This study of region-specific patterns of resilience of 81 Turkish regions in the period 2009–20 and their underlying economic/demographic determinants in regions in Turkey shows that ignoring the different timings of regional and national economy recessions leads to misleading/biased results. The study shows first that provincial employment cycles are asynchronous. Second, the geographical pattern of resistance to the last 2018 economic crisis changes considerably when using province-specific rather than national turning points. Third, those provinces that are more open to trade, export-</p>	

oriented, highly urbanised, and with a low level of human capital and entrepreneurial activities were more resistant to the recession.

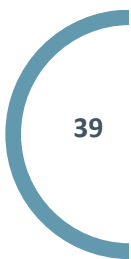
METADATA	
Year	2023
Title	Cyclists as Intelligent Carriers of Space-Time Environmental Information: Crowd-Sourced Sensor Data for Local Air Quality Measurement and Mobility Analysis in the Netherlands
Author(s)	Karima Kourtit, Peter Nijkamp, John Östh, Umut Turk
Journal	Journal of Urban Technology
Volume	31
Number	1
Editor	Richard E. Hanley
Pages range	73-91
Keywords	Air quality, snifferbike, bicycle, sensor, crowd-sourced data, mobility pattern, surface model, kernel density, “bikeability” index
Type (scientific paper, book, working paper..)	Scientific paper
Weblink	https://doi.org/10.1080/10630732.2023.2177954
ABSTRACT	
<p>In recent years, slow travel modes (walking, cycling) have gained much interest in the context of urban air quality management. This article presents the findings from a novel air quality measurement experiment in the Netherlands, by regarding cyclists as carriers and transmitters of real-world information on fine-grained air quality conditions. Using individual sensors on bicycles—connected to a GPS positioning system—online local pollution information originating from cyclists’ detailed spatial mobility patterns is obtained. Such air quality surface maps and cyclists’ mobility maps are then used to identify whether there are significant differences between the actual route choice and the cyclists’ shortest route choice, so as to identify the implications of poor air quality conditions for their mobility choices. Thus, the article seeks to present both a detailed pollution surface map and the complex space-time mobility patterns of cyclists in a region, on the basis of online quantitative data—at any point in time and space—from bicycle users in a given locality. In addition, the article estimates their response—in terms of route choice—to detailed air-quality information through</p>	



the use of a novel geoscience-inspired analysis of space-time “big data.” The empirical test of our quantitative modeling approach was carried out for the Greater Utrecht area in the Netherlands. Our findings confirm that spatial concentration of air pollutants have great consequences for bike users’ route choice patterns, especially in the case of non-commuting trips. We also find that cyclists make longer trips on weekends and in the evenings, especially towards parks and natural amenities.

METADATA	
Year	2023
Title	Spatial Labour Markets and Resilience of Cities and Regions: A Critical Review
Author(s)	Shaul Hartal, Karima Kourtit, Gabriela Carmen Pascariu
Journal	Regional Studies
Volume	57
Number	12
Editor	Jennifer Clark
Pages range	2359-2372
Keywords	Spatial labour markets, cities, regions, shocks, employment, resilience capacity
Type (scientific paper, book, working paper..)	Scientific paper
Weblink	https://doi.org/10.1080/00343404.2023.219630 <u>1</u>
ABSTRACT	
<p>This study provides a comprehensive overview and critical assessment of the major scientific literature about labour market developments and resilience in a spatial context. This review paper – an introduction to the Regional Studies special issue on ‘The Tidal Movements of Spatial Labour Markets: Perturbation and Resilience’ – examines the effects of sudden shocks on the labour markets’ resilience capacity at the city or region level. The paper contributes to the existing literature in particular by generating a typology of shocks at different geographical scales, which may provide an operational framework for cities and regions to be able to prepare in advance for unforeseen shocks. The paper concludes with a strategic analysis of resilience policies and policy lessons on regional labour markets. This overview paper positions the scope and innovations in this special issue in a broader employment resilience context.</p>	





METADATA	
Year	2023
Title	Citizen Participation and Knowledge Support in Urban Public Energy Transition—A Quadruple Helix Perspective
Author(s)	Peter Nijkamp, Karima Kourtit, Henk Scholten, Esmeralda Willemsen
Journal	Land
Volume	12(2)
Number	395
Editor	Christine Fürst
Keywords	Urban energy transition; citizen participation; knowledge filters; quadruple helix; Q-analysis; diablo model; digital tools
Type (scientific paper, book, working paper..)	Scientific paper
Weblink	https://doi.org/10.3390/land12020395
ABSTRACT	
<p>Climate change, energy transition needs and the current energy crisis have prompted cities to implement far-reaching changes in public energy supply. The present paper seeks to map out the conditions for sustainable energy provision and use, with a particular view to the role of citizens in a quadruple helix context. Citizen participation is often seen as a sine qua non for a successful local or district energy policy in an urban area but needs due scientific and digital support based on evidence-based knowledge (using proper user-oriented techniques such as Q-analysis). The paper sets out to explore the citizen engagement and knowledge base for drastic energy transitions in the city based on the newly developed “diabolo” model, in which in particular digital tools (e.g., dashboards, digital twins) are proposed as useful tools for the interface between citizens and municipal policy. The approach adopted in this paper is empirically illustrated for local energy policy in the city of Rotterdam.</p>	

METADATA	
Year	2022
Title	Development of a cross-border cultural route. A quality assessment proposal
Author(s)	Carmen Chasovschi
Journal	The USV Annals of Economics and Public Administration
Volume	22
Number	2 (36)

Editor	Carmen Năstase
Pages range	32-43
Keywords	Cultural route, attractiveness assessment, destination management, cultural tourism
Type (scientific paper, book, working paper..)	Scientific paper
Weblink	http://www.annals.feaa.usv.ro/index.php/annals/article/view/1436/1111

ABSTRACT

The purpose of this paper is to provide some important insights about the development of cultural routes in Romania, and, as well, to propose a framework for the evaluation of the quality delivered, taking into consideration "on the spot" infrastructure and services that should be available, in order to mediate a positive experiences to the tourists. The items compiled in a pilot-assessment questionnaire were tested on the field, for a cross-border cultural route, that was developed some years ago, in cooperation, by the tourism national authorities from Romania and Republic of Moldova: "Stephen the Great" cultural route. The paper presents some relevant insights about the cultural routes and their importance for the promotion of the heritage of different European cultures. The literature review covers mainly the impact of the cultural routes for the promotion of the heritage of the regions that are crossed by, and the growing importance that the routes gained in the last years. The undertaken research brings a critical approach to the development of routes in the incipient stage, especially, and reiterate the challenge to create a coherent and positive tourism experience, by combining different tourism objectives in a thematic trail.

The aim was to identify some relevant factors that could be compiled in a quality assessment tool, that could be used for the evaluation of the cultural routes. Similarities with the Index of Destination Attractiveness (IDA) are as well discussed. The paper concludes with recommendations for the tourism stakeholders involved in the process of development the cultural routes. At the same time, the paper opens the field for future research on the quality of the tourism experience on the cultural routes.



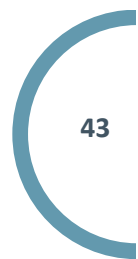
METADATA	
Year	2022
Title	Urban Cultural Vanguarders - Why Culture Matters for Urban Success
Author(s)	Karima Kourtit, Peter Nijkamp
Journal	Journal of Urban Management
Volume	11
Number	2
Editor	Shih-Kung Lai, Yuzhe Wu, Jianxing Yu
Pages range	198-213
Keywords	Urban cultural vanguards why culture matters for urban success
Type (scientific paper, book, working paper..)	Scientific paper
Weblink	https://doi.org/10.1016/j.jum.2022.05.006
ABSTRACT	
<p>This paper addresses the multifaceted relationships between culture and urban performance. It seeks to identify and examine evidence-based characteristics of urban success (or socio-economic performance) that are related to the cultural profile ('urban cultural value') of a city. Also, the broader socio-economic context and significance of 'urban cultural magnets' is examined. The empirical analysis is based on a large international multivariate data base on the relevant characteristics of 40 global cities, and employs exploratory statistical analysis and regression models in a stepwise way. The analytical framework of our research is based on the overarching concept of an 'urban cultural complex'. The key cultural factors for urban performance are systematically assessed in a quantitative way. The study confirms the relevance of culture for the performance of contemporary large cities.</p>	

METADATA	
Year	2022
Title	City love and neighbourhood resilience in the urban fabric: A microcosmic urbanometric analysis of Rotterdam
Author(s)	Karima Kourtit, Peter Nijkamp, Umut Türk, Mia Wahlstrom
Journal	Journal of Urban Management
Volume	11
Number	2
Editor	Shih-Kung Lai, Yuzhe Wu, Jianxing Yu
Pages range	226-236

Keywords	City love, Neighbourhood resilience, Happiness research, Body and soul, Microcosmic, Urban informatics, Decomposition, Urbanometrics
Type (scientific paper, book, working paper..)	Scientific paper
Weblink	https://doi.org/10.1016/j.jum.2022.04.004
ABSTRACT	
<p>Ups and downs in city life are dependent on the citizens' appreciation for their urban 'home', in particular the neighbourhood liveability. Taking modern research on urban wellbeing and happiness as a point of departure, this study presents and tests a new methodology for assessing the residents' affection for their local neighbourhood. This approach is inspired by the 'city love' concept and seeks to examine and decompose city love through an analytical distinction into the 'body and soul' of the city. Using a rich multi-period and geographically detailed database on neighbourhoods in the city of Rotterdam, including distinct social capital indicators for analysing social resilience in urban areas, a microcosmic decomposition of objective and subjective socio-economic information is carried out. On the basis of geo-science visualisation methods and advanced spatial-econometric techniques for handling neighbourhood autocorrelation effects ('urbanometrics'), a series of explanatory regression analyses is executed in order to identify and explain the determinants of city love at neighbourhood level in Rotterdam. We find that bonding and bridging social capital are prominent in shaping neighbourhood love and social resilience.</p>	

METADATA	
Year	2022
Title	Tourism Management Airbnb and COVID-19: Space-Time Vulnerability Effects in Six World-Cities
Author(s)	Karima Kourtit, Peter Nijkamp, John Östh, Umut Turk
Journal	Tourism Management
Volume	93
Number	104569
Editor	Cathy C. H. C. Hsu
Pages range	//
Keywords	Corona pandemic, COVID-19, Hospitality markets, Airbnb, World-cities, Survival analysis, Corona echo effects
Type (scientific paper, book, working paper..)	Scientific paper

book, working paper..)	
Weblink	https://doi.org/10.1016/j.tourman.2022.104569
ABSTRACT	
<p>This study examines the COVID-19 vulnerability and subsequent market dynamics in the volatile hospitality market worldwide, by focusing in particular on individual Airbnb bookings-data for six world-cities in various continents over the period January 2020–August 2021. This research was done by: (i) looking into factual survival rates of Airbnb accommodations in the period concerned; (ii) examining place-based impacts of intra-city location on the economic performance of Airbnb facilities; (iii) estimating the price responses to the pandemic by means of a hedonic price model. In our statistical analyses based on large volumes of time- and space-varying data, multilevel logistic regression models are used to trace ‘corona survivability footprints’ and to estimate a hedonic price-elasticity-of-demand model. The results reveal hardships for the Airbnb market as a whole as well as a high volatility in prices in most cities. Our study highlights the vulnerability and ‘corona echo-effects’ on Airbnb markets for specific accommodation segments in several large cities in the world. It adds to the tourism literature by testing the geographic distributional impacts of the corona pandemic on customers’ choices regarding type and intra-urban location of Airbnb accommodations.</p>	



5.2 Articles submitted / in preparation

METADATA	
Year	2025 (planned)
Title	Circular cultural tourism as a driver of sustainable regional development in Europe
Author(s)	Gravagnuolo A.
Journal	Open Research Europe
Volume	Forthcoming
Keywords	Cultural tourism; Circular tourism; Sustainable development; Cultural experiences;
Type (scientific paper, book, working paper..)	Scientific Paper
Website	https://open-research-europe.ec.europa.eu/
ABSTRACT	
<p>The Be.CULTOUR project aims to foster sustainable and resilient cultural tourism in lesser-known European regions by promoting innovative cultural entrepreneurship. Through a multi-disciplinary approach, the project supports local communities in harnessing their cultural heritage for economic and social development. Key outcomes include the creation of tailored cultural tourism strategies, capacity-building workshops, and the establishment of collaborative networks among stakeholders. The project demonstrates how integrating cultural heritage with innovative business models can lead to sustainable tourism practices, enhancing both community well-being and regional attractiveness.</p>	

METADATA	
Year	2024
Title	Transformative tourism as driver of innovation and attractiveness in less-known and remote cultural destinations
Author(s)	Gravagnuolo A, Apicerni V., Bosone M.
Journal	Journal of Hospitality and Tourism Insights
Volume	Forthcoming
Editor	Okumus F.
Keywords	Transformative tourism; Transformative travel; Sustainable development; Cultural experiences;
Type (scientific paper, book, working paper..)	Scientific Paper
ABSTRACT	

The paper aims to identify the main characteristics of the emerging field of Transformative Tourism and its linkages with the sustainable development of less-known and remote cultural destinations. Furthermore, it provides a definition of "transformative cultural tourism" by highlighting the role of cultural heritage in transformative experiences.

Based on a literature review and the science mapping through the thematic analysis network, the study identifies the key topics of transformative tourism. Then, an ad-hoc survey was carried out in six less-known and remote destinations in Europe in order to explore the potential contribution of transformative experiences to a more sustainable cultural tourism development. Finally, a definition of "transformative cultural tourism" is provided. Findings suggest that transformative tourism could have a relevant impact at the destination level, especially affecting the sustainable behavior of tourists and residents. In this respect, cultural tourism policies should take into account and assess transformative tourism benefits, encouraging the development of cultural experiences with an intentional transformational component.

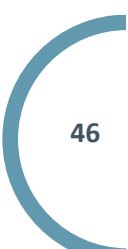
METADATA	
Year	2024
Title	Art-based Innovation: A Systematic Literature Review
Author(s)	Apicerni, V.
Journal	Journal of Innovation Management
Volume	Under review
Editor	Pinto Ferreira J.J., Mention A.L.
Keywords	Innovation management; Art practices; Art-based innovation; Cross-fertilization; Hybrid models
Type (scientific paper, book, working paper..)	Scientific Paper
ABSTRACT	
<p>Purpose. The study addresses the cross-fertilization among art practices, business, and society – defined as Art-based innovation - as an emerging approach to face sustainability challenges within the innovation management domain. It provides a comprehensive theoretical framework of Art-based Innovation by bridging the gap between business-oriented and society-oriented models of collaborative innovation.</p> <p>Design/methodology/approach. The study carries out a systematic literature review to identify the Art-based Innovation research field. Based on the Thematic Analysis</p>	

Network and in-depth Content Analysis, different research themes are outlined according to the level of analysis of innovation management.

Findings. The study identifies seven main research themes that present different degrees of cross-fertilization between business, society, and art practices: Leadership Artistry, Art-based Initiatives, Art Thinking, Art-driven Entrepreneurship, ArtScience Collaboration, Socially Engaged Art, and Art-led Urban Regeneration vs. Gentrification. The comprehensive framework of Art-based Innovation offers the positioning of current research themes and provides future research directions towards more radical and hybrid models of innovation.

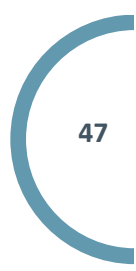
Originality. The study offers a contribution of knowledge advancement on hybrid models of innovation by tracing back to a unique research domain, the cross-fertilization between management and art practices for business and social innovation.

METADATA	
Year	Forthcoming
Title	Cultural tourism, urban sustainability and visitors' appreciation for heritage sites in Europe – application of Q-analysis
Author(s)	Karima Kourtit, Peter Nijkamp, Antonia Gravagnuolo, Tomaz Ponce Dentinho
Journal	City, Culture and Society
Editor	Carl Grodach, Marianna d'Ovidio
Keywords	Circularity, co-creation, urban cultural tourism, heritage sites, Q-Analysis
Type (scientific paper, book, working paper..)	Scientific paper
ABSTRACT	
<p>Tourism is a complex economic activity shaped by distinct local resources. The balance between economic growth motives, preservation of cultural heritage, and respect for nature calls for an evidence-based and multi-faceted policy analysis that seeks to achieve a sustainable development among conflicting objectives. This paper seeks to explore the feasibility of a sustainable balance for various heterogeneous cultural heritage areas in Europe ('pilot regions'), with particular attention for sustainable development characterized by circular economic objectives and an ecological balance strategy based on the principle of stakeholders' co-creation. To that end, an extensive survey experiment was administered in the regions concerned, in which a wide range</p>	



of issues/questions related to environmental preferences and perceptions were posed to stakeholders and visitors. The data were analysed by means of a respondent-oriented multivariate statistical tool, viz. Generalized QAnalysis, which is suitable for handling big databases with many respondents. The paper shows that the application of the Generalized Q-Analysis to common survey data enriches the results from the application of the usual Q-Analysis. Furthermore, the study also highlights that, based on the views of the surveyed visitors, the tourist areas concerned are quite different from each other in attracting specific types of visitors.

METADATA	
Year	Forthcoming
Title	Self-assessment for impact touristic strategies: the Be.CULTOUR Circular Cultural Tourism Dashboard
Author(s)	Antonia Gravagnuolo, Francesca Buglione, Ludovica La Rocca, Martina Bosone, Maria Cerreta, Pasquale De Toro
Journal	Journal of Sustainable Tourism/ Journal of Hospitality and Tourism Management
Keywords	Sustainable cultural tourism, urban metabolism, multidimensional and spatial indicators, self-assessment of tourism impacts, Human-centred perspective, circular economy
Type (scientific paper, book, working paper..)	Scientific paper
ABSTRACT	
<p>The competitiveness of the tourism sector is intrinsically linked to its sustainability, as the quality of tourist destinations depends on their natural and cultural environments and community integration. Sustainable tourism involves responsible use of natural resources, environmental impact management, clean energy use, heritage protection, job quality and sustainability, local economic benefits, and customer care. Addressing these challenges requires intelligent decisions based on comprehensive information from specific indicators that go beyond simple metrics like visitor numbers or daily expenditure. For these reasons, evaluation in tourism is crucial for assessing the efficiency and effectiveness of strategic decisions both short-term and long-term, and for strengthening interinstitutional and intersectoral relationships. A human-centered evaluation approach focuses on people's needs to enhance well-being, health, and</p>	



quality of life, requiring dynamic, interactive, iterative, and participatory processes. For this aim the policy-oriented Dashboard - Local Impact Indicators for Circular Cultural Tourism was built in the framework of the Horizon 2020 Be.CULTOUR project. The Dashboard is based on multidimensional and spatial evaluation framework to assess sustainable and circular tourism performances in touristic destinations. This framework is designed to assist stakeholders and decision-makers in making effective choices that promote sustainable regional development through cultural tourism. It aims to transform lesser-known and remote heritage sites into sustainable, circular, and human-centered cultural tourism destinations. The Be.CULTOUR Dashboard is a self-assessment framework allowing users to select indicators and collect data with provided tools. It supports the evaluation of policy strategies through a user-friendly, multi-dimensional interface that guides users in defining the impacts of tourism strategies over time.

METADATA	
Year	Forthcoming
Title	Social Network Analysis for the development of Circular Cultural Tourism
Author(s)	Antonia Gravagnuolo, Francesca Buglione, Carlo Lauro, Maurizio Lauro
Keywords	Social Network Analysis, community heritage, circular and human-centered cultural tourism destinations
Type (scientific paper, book, working paper..)	Scientific paper
ABSTRACT	
<p>The study explores the role of Social Network Analysis (SNA) in developing heritage communities for Circular Cultural Tourism destinations. Understanding the intricate social dynamics within these communities is crucial for guiding more circular tourism strategies. SNA is employed to map and analyze the relationships and interactions among stakeholders, revealing the social structures that influence heritage preservation and the development of circular cultural tourism. By identifying key actors and collaboration networks, SNA provides insights into how communities, organizations, and policymakers can better coordinate efforts to promote the sustainable development of natural and cultural resources, fostering a circular</p>	

economy in tourism. The collaboration network analysis is conducted within the framework of the Horizon 2020 Be.CULTOUR project, focusing on networks in Pilot Heritage Sites located in Italy (Basilicata), Spain (Aragon), Cyprus (Larnaca), Sweden (Västra Götaland), Serbia (Vojvodina), and the cross-border region of North-East Romania and Moldova. Local Heritage Innovation Networks and co-created activities involve relevant stakeholders to promote sustainable regional development through cultural tourism. The analysis is conducted through surveys and questionnaires administered to pilots and their network stakeholders, aiming to understand the ecosystem of relationships in different territories and transform lesser-known and remote heritage sites into sustainable, circular, and human-centered cultural tourism destinations.

METADATA	
Year	Forthcoming
Title	Participatory assessment for the circular cultural tourism impacts: the case of the Museo Diffuso dei 5 Sensi, in Sciacca
Author(s)	Antonia Gravagnuolo, Francesca Buglione, Maria Tartari (other authors tbc)
Keywords	Co-assessment, circular cultural tourism, data collection tools, multidimensional indicators
Type (scientific paper, book, working paper..)	Scientific paper
ABSTRACT	
<p>This study investigates the participatory assessment of circular cultural tourism impacts, centering on the Museo Diffuso dei 5 Sensi in Sciacca, Italy. Circular cultural tourism prioritizes sustainability and resource efficiency, integrating local cultural heritage with community involvement. Data on circular, spatial, and multidimensional indicators for evaluating tourism strategies' impacts are collected. The participatory approach not only provides a comprehensive understanding of the impacts but also empowers the community, fostering ongoing collaboration and innovation in cultural tourism initiatives. This case study highlights the significance of participatory assessment in creating and evaluating sustainable tourism models that can be replicated in other settings. To facilitate effective data collection, six distinct tools are utilized: surveys, checklists, mapping activities, statistical databases, institutional</p>	

surveys, and patent databases. These tools are designed to capture both qualitative and quantitative data across various dimensions such as satisfaction, sustainability practices, economic impact, and the implementation of digital initiatives. The research emphasizes the necessity for continuous refinement of these tools to adapt to the evolving nature of the cultural heritage and tourism sectors.

Other articles submitted in international journals:

- Kourtit, K., Nijkamp, P., Scholten, H. and Iersel, Y.V. (2024), **Methodology and Application of 3D Visualisation in Sustainable Cultural Tourism Planning**. In: *Advances in Cultural Tourism Research - Proceedings of the International Conference on Cultural Tourism Advances*, June 2023, Belgium, Springer-Nature (forthcoming).
- Wong, P.H., Kourtit, K. and Nijkamp, P. (2024), **Spatial Well-being Disparities in Europe – Modelling Labour Mobility and Rural-Urban Inequality in Pandemic Times**, *Applied Research in Quality of Life* (submitted).



6. Conclusions

The Be.CULTOUR project has had a profound impact on the scientific community, contributing significantly to cultural tourism and sustainable development. Through its innovative approach, the project has supported local communities in harnessing their cultural heritage for economic and social growth. Key outcomes include the development of tailored cultural tourism strategies, capacity-building workshops, and the creation of collaborative networks among stakeholders.

A notable achievement of the project is the publication of numerous scientific papers and chapters. Specifically, 5 book chapters are in publication, and 18 scientific articles are set to be published in the special issue of *Cities* (Elsevier), with more articles likely to be submitted until the deadline in September 2024. Additionally, 4 articles have been published in the special issue of *Land*, 14 articles have been published in international scientific journals and volumes, and 7 articles are currently in preparation to be submitted to international scientific journals. These papers have been featured in prestigious journals such as *Cities*, which averages over 10,000 readers per article. This ensures that the project's findings reach a broad audience of scholars, practitioners, and policymakers, fostering a deeper understanding and appreciation of heritage-led regeneration.

In addition to journal articles, Be.CULTOUR has contributed to the development of scientific books that encapsulate the project's methodologies, case studies, and innovative practices. These books serve as comprehensive resources for researchers and practitioners interested in sustainable cultural tourism and regional development. The project has successfully gathered a large scientific community, evidenced by extensive participation in international conferences and workshops. Special issues in journals like *Cities* and *Land* have further amplified the project's reach, promoting dialogue and collaboration among researchers. Furthermore, an article summarizing the project's methodology and implementation is set to be submitted to Open Research Europe. This comprehensive overview will further disseminate the project's results, contributing to ongoing efforts in heritage preservation and sustainable tourism.

Be.CULTOUR's legacy lies in its ability to integrate cultural heritage with innovative business models, inspiring similar initiatives across Europe and beyond. The project's contributions to academic literature and its role in fostering a vibrant scientific community underscore its pivotal role in promoting sustainable cultural tourism. The impact is projected to extend to thousands more through both the academic publications and the large readership of the *Cities* journal, ensuring the continuation and expansion of the project's innovative practices in cultural heritage and tourism.