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(the "what"). 2013, 22, 60-66. As argued, one of the core principles for sustainability is "quality of life", and urban sculpture planning, as an important part of cultural policy that links art and the environment, can promote the core aim of sustainable urban development [17]. An inconsistency of characteristics, such as theme, site selection, and
material, could result in relocation or dismantling only a short period after the sculpture was constructed [66]. 2017. The main purpose of this article is to put forwards sustainable principles from the perspectives of planning strategies using the case studies that mainly focus on a Chinese context. Nanjing, Suzhou, Mianyang, and Wuxi all utilized
Kevin Lynch's five elements of perception to form main cognitive systems and they also took the traditional axis of Chinese landscape into consideration [78]. Theory Res. Urban sculpture planning should be set up in a step-by-step, orderly, and reasonable way, in order to guide the cities' recent and long-term urban sculpture construction [97]. Theory Res. Urban sculpture planning should be set up in a step-by-step, orderly, and reasonable way, in order to guide the cities' recent and long-term urban sculpture construction [97].
Practice of Public Art; Routledge: New York, NY, USA, 2008. (a) Distribution of urban sculptures within main urban areas' boundaries and the old city's boundary (a red spot represents one piece of sculpture, about 1,069 pieces in total until 2015); (b) Analysis of sculptures located in 11 different administrative districts; (c) Analysis of different types
of sculptures in Nanjing (classified according to investigation). By classifying these typical urban spaces, the corresponding principles of urban sculpture guidance are proposed in urban planning documents. Urban Des. Arte y Políticas de Identidad 2014, 21, 265-278. Just art for a just city: Public art and social inclusion in urban regeneration. [Google
Scholar]Dong, Q.; Dai, X. [Google Scholar]Zhang, H. Aesthetics and the Environment: The Appreciation of Nature, Art and Architecture; Routledge: London, UK; New York, NY, USA, 2007. [Google Scholar]Lynch, K. Search TermsQ1: "urban sculpture planning*"Q2: "urban sculpture" and "planning*"Q3: "public art planning*"Q4: "public art" and
"planning" Table 3. Art committees, which consist of sculptors, planners, architects, landscape architects, sociologists, and other experts, are responsible for the evaluation of the city's major urban sculptures and decision-making process. Available online: (accessed on 15 June 2018).Li, T. [Google Scholar]Yue, X. Therefore, it is necessary to analyze
the public spaces that may be associated with the urban sculptures and try to determine highly relevant urban sculptures and analyzes the status quo of urban sculpture and provides valuable digital basic data for the systematic management of urban sculptures. Public art has been
utilized as a strategy for sustainable urban living by many cities and regions [9] (p. [Google Scholar]David, V.; Prigann, H.; Strelow, H. The planning documents can be divided into three different levels. Since the 1980s, the construction of urban sculptures has been revived and has begun to develop dramatically. The importance of art has gradually
been granted within social policies in the economy, politics, and culture [1,3]. The concept of an "urban" and highlights its interactive nature with the surrounding urban environment. Suzhou practice of urban sculpture system planning based on overall planning level. Available online: (accessed on 11 June
2018). Flynn, B. Although urban sculpture planning largely originated from the leadership of local governments, it also involves experts, scholars, and citizens of various professions in its formulation process. "Cardiff Public Art Strategy" also states that the development and integration of public art should be actively encouraged throughout the
planning policy framework [45] (p. Toward Global (Environ) Mental Change—Transformative Art and Cultures of Sustainability; Heinrich Böll Siftung: Berlin, Germany, 2004. These main themes were formulated by examining important historical events, historical figures, and cultural relics of historic buildings [90]. In addition, planning and policy
documents were collected from open sources, such as local official planning bureau websites, and from personal contacts with unpublished documents. Space 2011, 43, 2953-2970. Policy making is regarded as an important factor in the production of public art, as discussed in studies by several researchers, such as Cartiere and Willis [7], Chang [40],
Miles [41], Selwood [10], and Senie and Webster [42]. [Google Scholar] Public Art: A Guide to Evaluation. [Google Scholar] Darlow, A. It marked the point at which the construction of urban sculptures in China began to enter the track of legal systematic management. Space 2008, 40, 1921–1943. In this plan, it fully relies on the relevant contents of the
central city control regulations and urban design guidelines to ensure the unity of planning [95]. It is conceptualized that, until 2030, the number of sculptures within the city boundary, and two pieces per 10,000 citizens within the central city area. [Google Scholar]YDUPA. Urban sculpture planning
and construction implementation measures; 6. The value of this exercise is threefold: (1) The study enriches the geographic research of internationalized sustainable public art planning in different regions through studies of the urban sculpture planning under the specific circumstances of China; (2) the notion of sustainable development of urban
sculpture was proposed and expanded, especially from the perspective of planning strategies and cultural policies; and (3) in addition, sustainable principals for the development of sculptures in terms of the four aspects of systematism, regionalism, environmentalism, and management were proposed. [45,74,75,76,77]. [Google Scholar]
[CrossRef]Kwon, M. [Google Scholar]Guinard, P.; Molina, G. The reason for this was a disjunction between the superior planning of the urban spatial development. Non-standard management system. 2015, 4, 20-24. [Google Scholar]
[CrossRef]Chang, T.C. Art and soul: Powerful and powerless art in Singapore. However, the actual placement of sculptures in urban public art and
construction management -Take the planning and construction of urban sculpture in Taizhou for example. 2006, 11, 243-262. Figure 3. In 2006, "Guiding Opinions on Urban sculptures' construction (guanyu chengshi diaosu jianshede zhidao yijian)" (No.137 [2006]) has been issued to guide urban sculptures' construction from aspects of project
establishment, site selection, design examination, etc. [Google Scholar]NMPB. The definition of "sustainable development" adopted here is based on the 1987 report of the World Commission on Environment and Development (also known as the Brundtland Report) that it "meets the needs of the present without compromising the ability of future
generations to meet their own needs" [27,28]. Mater. 2001, 26, 5-26. The Research on Urban Sculpture Planning System Method-Case Study of the Xian'yang City Sculpture System; China, 2009. It is not just linked to the specific political factors of China. South China Univ. Urban sculpture, an important part of public arts,
has been receiving increased attention in China as an important carrier for highlighting urban characteristics, culture, and history within cultural policies. Available online: (accessed on 1 June 2018). Soini, K.; Dessein, J. This research was initiated to: (1) Illustrate how urban sculptures are produced through an urban planning system in the context of
China; (2) explain what kind of influencing factors in relation to sustainability exist, mainly within the framework of planning strategies and cultural policies; and (3) put forward sustainable planning strategies and cultural policies; and then solve them through
corresponding methods during the formulation of sculpture planning documents. Secondly, it is conceptualized to make strategies based on the overall situation of urban sculptures and urban sculptures and urban sculptures and urban sculptures are the correlation and mutual restraint between urban sculptures and urban sculptures are the correlation and mutual restraint between urban sculptures and urban sculptures are the correlation and mutual restraint between urban sculptures are the correlation and mutual restraint between urban sculptures are the correlation and mutual restraint between urban sculptures are the correlation and mutual restraint between urban sculptures are the correlation and mutual restraint between urban sculptures are the correlation and mutual restraint between urban sculptures are the correlation are the correl
main basis for consideration. The conflict between the development of urban development of urban development, especially in a post-socialist context [2]. The fourth principle of 'coordination and management' can be seen as an institutional guarantee, which could
guide the smooth implementation of planning. This article argues that urban sculpture planning is formed under specific Chinese social structures, the political government, and cultural backgrounds through reviews of the urban sculpture planning development process in China. [Google Scholar] Wang, H. There is no corresponding policy to
strengthen the protection of existing urban sculptures, so professional maintenance and repairs cannot be carried out [59]. Introduction: The rise and rise of culture-led urban regeneration in China and its measures-Taking Beijing, Shanghai and Shenzhen as examples. Table 1. Source:
Based on a literature review on urban sculpture planning in Chinese cities (including literature, policies and planning Outline 2003(a) Beijing Urban Sculpture Construction Development Plan(2004-2014)2008(a) Interim
Regulations on Urban Planning and Construction in Beijing2009(b) Beijing City Center Urban Sculpture Planning1. Discussion on landscape sculpture planning in modern city. [Google Scholar]Jing, W.; Liu, Y. Thus, urban sculptures were also taken as new ways to increase urban economics and competitiveness because of its effects of imaging cities
in post-socialist China. To make some comparative studies, another 31 foreign (including Asia, European, Australian, American cities) public art master plans and related literature were collected through searching "public art master plans" on Google Scholar. Each paper was examined according to the following descriptive attributes in the
established analysis framework of this research, as listed in Table 3. Public art planning based on collective memory: Art involved environment planning. 1998, 64, 221-234. 9). The other example can be also seen in Cardiff, Atlanta, Reston, Santa Rosa, and Greeley, where their master plans recommend that public arts should be displayed in the sites
corresponding to these five cognitive elements: "Path" of primary road, pedestrian, cycle networks, river, and rail corridors; "edge" of gateways; "district" of parks, education area; "node" of metro stations, town center, and government center; and also "landmarks". Moreover, the results will also add to the knowledge of geographic studies of public
art planning through the contextualized analysis of Chinese urban sculpture planning systems. Excellent urban sculptures can respond to the issues of sustainable urban development in the above four pillars, especially culture sustainable urban development in the above four pillars, especially cultures and urban sculptures and urban sculptures can respond to the issues of sustainable urban development in the above four pillars, especially cultures and urban sculptures are urban sculptures
spaces can help to enhance the overall image of the city [20,71]. (the "how"); and what actual effects does the planning and policy have after the implementation? In order to integrate the urban sculpture construction into the management systems of urban planning, the Ministry of Construction has undertaken the role of guidance, which further
clarified the function of construction management [51]. Sci. Since the economic reform in 1978, Chinese cities experienced a historic period of transition from a planned economy to market economy [1]. Urban sculptures also promote the sustainable development of urban space and the formation of an urban landscape. Subsequently, various cities
and provinces across the country have set up special institutions to promote urban sculpture construction. [Google Scholar]Kropp, W.W.; Lein, J.K. Scenario analysis for urban sustainability assessment: A spatial multicriteria decision-analysis for urban sustainability assessment: A spatial multicriteria decision-analysis for urban sculpture construction.
make sure the data was not covered more than once in the analysis. 2009, 35, 248-251. "Manchester's Northern Quarter Public Art Scheme" is an international example of the adoption of this approach of reflecting the local identity through a study of local history on Tib Street [20]. Fort Worth Public Art Master Plan Update. Urban sculpture quality;
5. It emphasizes the distribution structure among the sculpture clusters from the overall city level. In this way, the establishment of specialized management institutions for urban sculpture will benefit the participation of all sections of society, which will be advantageous for the daily management of the urban sculptures, and also for the smooth
implementation of sculpture planning [55]. [Google Scholar]Zhang, J.; Fan, X.; Lin, J.; Li, M. These districts are divided into six types based on their different functions: Historical conservation areas, large urban functional areas, urban special cultural areas, and centralized parks, green lands, strip green areas and waterfront, and urban road
interfaces. Ancient Chinese sculpture has flourished with a long history, boasting a splendid civilization. It is, therefore, crucial to fill the research gap of sculpture sustainability from the perspective of planning strategies and policies. Most of the current studies written in English on public art planning focus on European-American contexts.
Sustainability 2018, 10(12), 4802; Received: 10 November 2018 / Revised: 13 December 2018 / Revised: 14 December 2018 / Revised: 15 December 2018 / Revised: 16 December 2018 / Revised: 17 December 2018 / Revised: 18 December 2018 / Revised: 19 December 2
shifted to the promotion of refined urban space quality. It is worth mentioning that Tianjin was the first city to put forward the specific indicator for urban sculptures in relation to its population. The City of Greeley Art Master Plan. Urban Stud. Therefore, the construction of sculptures cannot be combined with several major projects in urban
transformation, such as the regeneration of historical and cultural blocks. Katriina Soini and Joost Dessein elaborate "culture in sustainability" and recognizes cultural diversity [24]. Tianjin Urban Sculpture Master Plan-Public Notice Edition (2017-2035). In particular, different
participators of the creative subject (artist and sculptor), the evaluation commission commosed of experts, scholars, and citizens), and the promotion subject (related government department) are integrated and managed by the system during the construction process [96]. (Translated by the author) Table 1. Through the analysis
results of the literature review for the current situation of urban sculpture development (based on the framework in Table 2), the factors in relation to sustainability for the current situation could be conducted and classified into four aspects (Table 5). [Google Scholar]Xiong, L.; Chai, Q. Urban sculpture planning is integrated into the entire system of
urban planning [66]. [Google Scholar]Hall, T.; Robertson, I. [Google Scholar]Huang, Y. The planning of the urban sculptures is long-lasting, and the dynamic urban development, such as the nature of the land use, corresponds to the urban sculptures. This means that determining the spatial planning for
the distribution of priority urban sculptures should be based on a comprehensive analysis of other existing urban planning systems. Fujian Archit. These processes cause a waste of construction funds, manpower, and resources [65]. Assoc. [Google Scholar] [CrossRef]Wang, H. Cities 2018. Beijing Central City Urban Sculpture Planning. Products or
activities of public arts. As was previously stated, one of our aims was to describe the development history so we did not define the time limit to get as much information as much as possible (-May 31, 2018). The short-term planning is relatively microscopic, focusing at the local sculpture placement, theme selection, and the guidance of related
attributes and indicators. 2015, 9, 67-70. Measure for measure: Evaluating the evidence of culture's contribution to regeneration. [Google Scholar] Figure 1. [Google Scholar] Figure 1
Nanjing Urban Planning Bureau, 2017). As illustrated by TC Chang, "contemporary public art has the power to inform place identity" [40]. Ecological Aesthetics: Art in Environmental design: Theory and Practice; Birkhäuser: Basel, Switzerland; Berlin, Germany; Boston, MA, USA, 2004. China's modern public art.
CityBeijingShanghaiChongqingNingboWuhanNanjingShanghaiGuangzhouXi'anNumber18361034700235500104635001245572Year2004200420102012201420152017 Table 5. Urban Constr. The preliminary work for the preparation of urban sculpture planning includes a basic survey of the distribution of current urban sculptures, specific
themes, and features. Analysis on the planning and layout of northeast urban sculpture. [Google Scholar] [CrossRef]Lin, B.; Yang, M. How can we achieve harmonious development of urban space? At the same time, there is moderate degree of flexibility to consider more detailed contents, such as the location,
scale, and material of urban sculptures, in conjunction with the urban design of the region in the next step, and proposes more detailed guidelines for the design of urban sculptures at the site level as an artist's urban sculptures at the site level as an artist's urban sculpture task manual. [Google Scholar] [CrossRef]Miller, T.;
Yudice, G. These interviews were mainly designed as supplementary materials to identify the effects brought by sculpture planning documents and policies to the cities in relation to sustainability. According to the time of the historical events, such as dynasties, the sculptures were arranged to form an "oriental city sculpture poem" of historical local
characteristics [85]. Study on environment art design based on recycled materials. The current mechanisms for the production in China is mainly influenced by non-government agencies are rare. Technol. [Google Scholar]Jiang, Z.; Wang, H.; Tan, Q. 2005, 42, 959-
983. Exploration and innovation-Introduction to the organizational experience of Shanghai Luwan district urban sculpture and its planning systems in China have not been comprehensively
examined. A "culture-led" approach to regeneration and the mechanisms of its application are embedded in the regeneration policies and practices in UK, such as the famous example of the Tate Modern in London. Arts and culture in urban or regional planning: A review and research agenda. (2) What kind of influencing factors are related to
Ground P/L: Melbourne, Australia, 2001. Most urban sculptures are still influenced mainly by the opinions of the government and elite groups. [Google Scholar] [CrossRef]Urban Sculptures are still influenced mainly by the opinions of the government and elite groups. [Google Scholar] [CrossRef]Urban Sculptures are still influenced mainly by the opinions of the government and elite groups. [Google Scholar] [CrossRef]Urban Sculptures are still influenced mainly by the opinions of the government and elite groups. [Google Scholar] [CrossRef]Urban Sculptures are still influenced mainly by the opinions of the government and elite groups. [Google Scholar] [CrossRef]Urban Sculptures are still influenced mainly by the opinions of the government and elite groups. [Google Scholar] [CrossRef]Urban Sculptures are still influenced mainly by the opinions of the government and elite groups. [Google Scholar] [CrossRef]Urban Sculptures are still influenced mainly by the opinions of the government and elite groups. [Google Scholar] [CrossRef]Urban Sculptures are still influenced mainly by the opinions of the government and elite groups. [Google Scholar] [CrossRef]Urban Sculptures are still influenced mainly by the opinions of the government and elite groups. [Google Scholar] [CrossRef]Urban Sculptures are still influenced mainly by the opinions of the government and elite groups. [Google Scholar] [CrossRef]Urban Sculptures are still influenced mainly by the opinions of the government and elite groups. [Google Scholar] [CrossRef]Urban Sculptures are still influenced mainly by the opinions of the government and elite groups. [Google Scholar] [CrossRef]Urban Sculptures are still influenced mainly by the opinions of the government and elite groups. [Google Scholar] [CrossRef]Urban Sculptures are still influenced mainly by the opinions of the government and elite groups. [Google Scholar] [CrossRef]Urban Sculptures are still influenced mainly by the opinions of the government and elite groups. [Google Scholar] [CrossRef]Urban Sculptures 
aggravates the phenomenon of "thousands of cities with one appearance (qian cheng yi mian)". Civ. [Google Scholar]Ye, M. the netherlands and flanders compared, 1945-present. Cultural policy is embodied in systematic, regulatory
guides to action that are adopted by organizations to achieve their goals" [43,50]. Inf. Based on the establishment of urban sculpture management agencies and the formulation of relevant regulations, urban sculpture management agencies and the formulation of relevant regulations to achieve their goals" [43,50]. Inf. Based on the establishment of urban sculpture management agencies and the formulation of relevant regulations, urban sculpture management agencies and the formulation of relevant regulations, urban sculpture management agencies and the formulation of relevant regulations are sculpture management agencies.
Figure 1. Before the formulation of urban sculptures, including the number, location, image, and some other details of the sculptures. The Image of the City; MIT Press: Cambridge, MA, USA, 1960. There are too many similar sculptures
emulated from the West, making it impossible to construct a unique urban cultural landscape [61,62]. Sculptures and the design of city space environment. Critical Issues in Public Art. Lack of research on sculptural materials and production techniques results in their reduction in the physical life span. [Google Scholar]Lei, M. Art Crit. School of
and long-term sculpture planning projects. 2011, 7, 81-84. 2007. First of all, the urban sculptures should be environmentally friendly and fit with the natural environmental environm
[CrossRef]Julio, M.D.; Mitchell, W.J.T. Art and the Public Sphere; University of Chicago Press: Chicago, IL, USA; London, UK, 1992. "One percent cultural policy" [62]Yuyao 2006(b)Yuyao Urban Sculpture Concept Planning Tianjin City Sculpture Management Measures 2016(a)Interim Provisions on the Management of Urban Sculptures.
for Construction Projects in Tianjin Regulations [2016] No. 2132017(b) Tianjin Urban Sculpture Planning SectionOne river, one line, two roads, two streets and parks [108]2000(b) Changchun Urban Sculpture Planning (2000–2020)
Qinhuangdao2014(b)Qinhuangdao Urban Sculpture Planning Huainan2006(b)Huainan Urban Sculpture Planning (2003-2020)Three cities, three hearts, five axes, one park, multiple nodes [107]Panzhihua2005(b)Panzhihua2005(b)Panzhihua Public Art Master Plan (2005-2020)"T"
shape structure pattern [110]Mianyang-(b)Overall Urban Design of Mianyang City- Sculpture System Planning Sectionone point, two belts, three axes, four zonesLuoyang2011(b)Luoyang City Sculpture Planning One core, two new cities, three groups
three axes [111]Urumqi2007(b)Urumqi Urban Sculpture Planning (2007-2020) Shenyang 2003(b)Shenyang Urban Sculpture Planning and DesignFive windows, two rings and two axes, city square, key section [112]Xianyang-
(b)Xianyang Urban Sculpture Planning SystemMulti-center, five major areas, scattered groups [107]Li, Z. Beijing urban sculpture layout; 4. Cities 2009, 26, 318-330. Resetting the compass: Australia's Journey towards Sustainability; CSIRO: Collingwood, ON, Canada, 2000. When the environment surrounding the urban sculpture project changes, the
main structure of the original urban sculpture planning should be incorporated into the detailed guidelines for urban design, the implementation phases of key planning, and development initiatives. During the planning process of urban sculpture planning should be incorporated into the detailed guidelines for urban sculpture planning should be incorporated into the detailed guidelines for urban sculpture planning should be incorporated into the detailed guidelines for urban sculpture planning should be incorporated into the detailed guidelines for urban sculpture planning should be incorporated into the detailed guidelines for urban sculpture planning should be incorporated into the detailed guidelines for urban sculpture planning should be incorporated into the detailed guidelines for urban sculpture planning should be incorporated into the detailed guidelines for urban sculpture planning should be incorporated into the detailed guidelines for urban sculpture planning should be incorporated into the detailed guidelines for urban sculpture planning should be incorporated into the detailed guidelines for urban sculpture planning should be incorporated into the detailed guidelines for urban sculpture planning should be incorporated into the detailed guidelines for urban sculpture planning should be incorporated into the detailed guidelines for urban sculpture planning should be incorporated into the detailed guidelines for urban sculpture planning should be incorporated into the detailed guidelines for urban sculpture planning should be incorporated into the detailed guidelines for urban sculpture planning should be incorporated into the detailed guidelines for urban sculpture planning should be incorporated into the detailed guidelines for urban sculpture planning should be incorporated guidelines for urban sculpture planning should be incorporated guidelines for urban sculpture planning should be incorporated guidelines for urban sculpture guidelines for urban sculpture guidelines for urban sculpture guidelines 
resources are considered. The management system should also combine legislation and regulations into the production of urban sculptures. Several locations were selected, such as the Guandi Temple, Martyrs, and celebrities' former residences [88]. As urban sculpture is an important part of public arts in international contexts, the term of "public
art" was also used to make sure related studies could be included. [Google Scholar]Cartiere, C.; Willis, S. 2001. Sustainability is defined as a development model that includes certain policies that are adopted to reduce energy consumption and pollution, promote cohesion for the harmonious development of people and cities, and encourage efficient
landscape design [38,39]. Huazhong Archit. This does not only mean the protection of existing heritage sculptures, it also means that urban sculptures in relation to
sustainability. Urban sculpture planning in China's urban planning system usually includes: General urban planning, and historical and cultural city preservation planning, are creatively applied to guide, coordinate, and improve the sustainable
production of urban sculptures in China. Planners 2010, S2, 99-102. For this purpose, our research questions are the following: (1) How are urban sculptures produced through planning systems in China's context? Ed.) 2014, 6, 94-98. It has been suggested that the drafting of the urban sculpture development plan should be gradually transferred to
regional coordination, location confirmation, measurement control, and cultural guidance in the long run. The specific provision of the "People's Republic of China", "Urban Design
Management Measures", and other laws and regulations. Exploring and practice of public art planning does not only help to determine the layout of urban sculptures scientifically through sorting out urban spaces in other urban planning systems, but also
make sculptures a holistic narrative expression for specific city. In addition, these four aspects are related to the values corresponding to sustainable urban development, such as environmental, cultural, economic, and social values [57,58]. [Google Scholar]Sun, W.; Yuanq, Q. Regeneration of Cultural Quarters: Public Art for Place Image or Place
Identity? This will not only lead to a waste of urban resources, gentrification of certain areas, and increasing disparities, but it can also be detrimental to the principles of equity balance. In the process of the renewal of historic District
[3] and Shanghai's Red Town Urban Regeneration project [91]. 2011, 18, 37-43. The direction of priorities for future development can be determined by comparing the current distribution density of urban sculptures with the planned structure and image, which can be determined by analysis of existing planning documents. [Google Scholar]
 [CrossRef]Deutsche, R. Other famous examples can also be seen in Virginia [86] and the "Power of Place" projects in Los Angeles [87]. Taking Wuhan as an example, GIS (Geographic Information System) technology was utilized in the plan to sort out the spatial distribution structure of urban sculptures [70]. Urban public art planning-The origin
theory and method. Theoretical and practical exploration of domestic urban sculpture planning. americansforthearts.org/node/100910 (accessed on 1 June 2018). Hang, L.; Zhou, X. Planners 2006, 22, 56-58. Table 4. [Google Scholar] [CrossRef]Abidin, M.Z.; Rathi, M.R.M.; Jimel, C.; Wasli, Z.; Razali, N.M. Form
and meaning: Metal feline public sculpture from recyclables materials at Kuching, Sarawak. Available online: (accessed on 1 June 2018). Yencken, D.; Wilkinson, D. The plan sets the requirements for urban sculptures in the form of detailed drawing guidance for different land functions. Beijing Youth Politics Coll. Some scholars state that urban
sculpture planning is used as an instrument to both boost urban entrepreneurialism and advance state authoritarianism in China [49,102]. Z.L. contributed to the conceptualization of the article and development of the conceptual framework. It can be seen that the core areas are composed of elements that include points, lines, and faces, as they are
the guiding core points of urban space imagery that correspond to the five elements proposed by Kevin Lynch. 2004. In Proceedings of the China Urban Planning Annual Meeting 2016, Shanghai, China, 15–20 August 2016. The problems and the counter- measures in the development of the urban sculptures. 1999, 21, 437–453. Overseas Archit.
Therefore, it is necessary to focus on developing a reasonable mechanism for public participation [55]. Available online: (accessed on 1 June 2018). Zhan, X.; Walker, S. This information can be utilized to analyze different themes or districts of current urban sculptures systematically. Developing an urban sculpture management program: Hangzhou
sxample. 2008, 79, 237-265. There is a lack of understanding of regional culture, especially in works responding to regional culture, especially in works responding to regional culture, especially in works responding to regional culture [64]. Reduction of life cycle. Available online: (accessed on 1 June 2018). Huang, Y.; Li, Q.; Bi, J. In order to strengthen the construction and management of urban sculptures, the national regulation of the "Administration and management of urban sculptures, the national regulation of the "Administration and urban sculptures, the national regulation of the "Administration and urban sculptures, the national regulation of the "Administration and urban sculptures, the national regulation of the "Administration and urban sculptures, the national regulation of the "Administration and urban sculptures, the national regulation and urban sculptures, the national regulation and urban sculptures, the national regulation of the "Administration and urban sculptures, the national regulation are the national regulation and urban sculptures, the national regulation are the national regulation and urban sculptures, the national regulation are the national regulation and urban sculptures, the national regulation are the national regulation and urban sculptures, and the national regulation are the national regulation ar
Regulations of Urban Sculpture Construction" (chengshi diaosu jianshe guanli banfa) was issued by the Ministry of Culture and Construction in 1993 [46]. However, some of China's challenges relating to sustainable development are not unique. Plan. Contrary to the principle of intergenerational equilibrium, the spontaneous construction of
sculptures in the short-term will lead to overdevelopment. Firstly, the urban sculpture planning is usually examined from the city scale by incorporating urban sculptures in China. Urban. As for sculpture sustainability, planning strategies and policies also play important
roles. The impact of contemporary public sculpture on urban landscape: A project for environmental improvement and sustainability of the city of Granada. 2013. Available online: (accessed on 1 June 2018). GAC. Urban sculpture planning puts these kinds of projects on the agenda. Contextualizing public art production in China: The urban sculpture
planning system in Shanghai. 2016, 3, 165-168. Cultural planning for urban sustainability. Faced with these problems, how can we realize the human-centered principle of intergenerations? [Google Scholar]Zhu, J. Santa Rosa Public Art Master Plan.
 Figure 2. Urban sculpture planning is a suggestive document, which is linked to the original urban planning system, providing a platform for joint work of professional practitioners from different majors, including urban planning system, providing a platform for joint work of professional practitioners from different majors, including urban planning system, providing a platform for joint work of professional practitioners from different majors, including urban planning system, providing a platform for joint work of professional practitioners from different majors, including urban planning system, providing a platform for joint work of professional practitioners from different majors, including urban planning system, providing a platform for joint work of professional practitioners from different majors, including urban planning system, providing a platform for joint work of professional practitioners from different majors, including urban planning system, providing a platform for joint work of professional practitioners from different majors, including urban planning system, providing a platform for joint work of professional practitioners from different majors, including urban planning system, providing a platform for joint work of professional practition from the profession from 
 [Google Scholar]Liu, X. As for the notion of "sculpture sustainability", it is usually examined from the perspectives of "ecological arts" and theories to help illuminate the conceptual framework of sustainable principles. This article has
taken a glimpse at the effectiveness of the urban sculpture planning through the method of interviews, but a more specific evaluation framework remains to be a high degree of flexibility within the roles of artists to
ensure an innovative and diverse approach" [20]. 263-272. Cultural policy and urban sustainability: Making a missing link? It can be said that, especially in the post-industrial era, urban sculptures can help realize the transformation and revitalization of cultural centers from global experiences. Source: Drawn by the author according to the data from
Nanjing Urban Planning Bureau [80]. Taking "urban sculpture planning in the central city of Beijing" (Beijing zhongxincheng chengshi diaosu guihua) as an example (Figure 4), it has defined a total of 125 key districts for the future construction of urban sculptures [94]. Available online: (accessed on 1 July 2018). BGACC. Four strategies compose a
theoretical framework of urban sculpture planning, which addresses the four issues in relation to sustainability (see Part 3). Ed.) 2017, 4, 497-502. We then verified the relevance of these studies through article titles, keywords, and abstracts, resulting in 126 articles in two languages (English; Chinese), which specifically dealt with urban sculpture
planning of China. Thus, the planning principles put forward in this article also offer valuable insights into global issues relating to sculpture system. 2013, 329, 71-74. Urban Sculpture System Planning; Chemical Industry Press: Beijing to sculpture system.
China, 2010. The Art of Regeneration: Urban Renewal through Cultural Activity; Comedia: Stroud, UK, 1996. Other qualitative methods were also utilized in this study, such as semi-structured interviews with key actors of government officials in the Municipal Urban Planning Bureau, artists, urban planners, architects, landscape architects, residents
etc. Moreover, it is also a pioneering attempt to refine the guidance in urban sculptures through their relationships with the dynamic function of land use. [Google Scholar]Bianchini, F. Urban Sculptures Masterplan
2002. "Identity in this context is a socio-spatial concept in that people themselves endow places with meaning, leading to identification with shared characteristics between groups within locality" [20]. [Google Scholar] [CrossRef]Hawkes, J. 2005, 42, 1001–1023. Hangzhou Urban Sculpture Master Plan (2007–2020). Research on Wuhan Urban
K.D.; Steiner, F. This also encourages a variety of sculptures to be built at the same time. These questions are all related to urban sculptures functions based on land use type Guidance principles Different guidelines in relation to different
levels Heritage and culture How to embed cultural and historical elements in sculptures Vision anticipated on the plans Implementation strategy Participation; Methods of public participation Table 4. It has been considered
that, if urban sculptures could be linked to these elements, the effects of promoting the city's image and people's perceptions could be enhanced dramatically. Value in Relation to SustainabilityFactorAttributesEconomic and EnvironmentalValueSystematism Smart site design of the sculptures in a collaborative system; creation of urban image; overall
structure of distribution as a narrative system; marketing placeCulturalvalueRegionalism Urban identities; local distinctiveness; cultural heritage utilization (tangible and intangible); adaptive theme and characteristics of sculpturesEnvironmentalValue Life cyclePhysical-lifeEco-friendly materials; renewable and low carbon resources
reduction of energy consumptionHarmonious relationship of sculpture and environment; improvement of the environmental qualitySocial valueManagementIntergenerational equilibrium; people oriented; in order to evaluate and recycle the existing
sculptures [104]. Educ. Urban sculpture planning should have flexibilities, the ability to look to the future, be open to change, and sustain people's interest in urban sculpture plans have been made for upcoming urban sculptures. [204].
sculptures instead of existing sculptures. In the future, this information can also be reflected in the urban tourism systems" (Interviews with Wang Zhaozhao who is in charge of urban sculpture construction at the Nanjing Urban Planning Bureau, March 2017). Aesthet. Beijing urban sculpture construction planning principles; 2. Keywords for the
search in the academic databases. Figure 2. AspectsAttributes • Planning development over time Related information about the planning development over time Related and implemented • Current situation of urban sculpture development Distribution Overall layout of the current sculptures Number of
sculpturesFor current situationArtistic qualityThe information carried by urban sculptures, such as cultural metaphor and historical, and physical environment; it is usually reflected in the characteristics of sculptures, such as theme, size, color, etc.Physical qualityCurrent
problems of materials, sources, or energy consumptionManagement Participator, financial factor, legislative condition. Methodological approaches for planning Planning from different levelsMaster plan, district-level plan and detailed planOverall layout of the sculptureDistribution structure of corridor, cluster, and nodes, etc. Planning basesRelated
urban planning systems: Master plan, urban design, subject plan, green space system, etc. Selection of sculpture characteristics theme, size, type, color, material, color, etc. Local cultural character creation in city sculpture planning: Nanning systems: Master plan, urban design, subject plan, green space system, etc. Selection of sculpture characteristics theme, size, type, color, material, color, etc. Local cultural character creation in city sculpture planning: Nanning systems: Master plan, urban design, subject plan, green space system, etc. Selection of sculpture characteristics theme, size, type, color, material, color, etc. Local cultural character creation in city sculpture planning: Nanning systems: Master plan, green space system, etc. Selection of sculpture characteristics theme, size, type, color, material, color, etc. Local cultural characteristics theme, size, type, color, material, color, etc. Local cultural characteristics theme, size, type, color, material, color, etc. Local cultural characteristics theme, size, type, color, material, color, etc. Local cultural characteristics theme, size, type, color, material, color, etc. Local cultural characteristics theme, size, type, color, material, color, etc. Local cultural characteristics theme, size, type, color, material, color, etc. Local cultural characteristics the size of the color, etc. Local cultural characteristics the characteristics the color, etc. Local cultural characteristics the characteri
sculptures. Art, Space and the City; Psychology Press: Hove, UK, 1997. Jiangsu Sci. were all superimposed to form the elements of an urban public space. In other words, we argue that the appearance of urban sculpture planning in China is not simply due to the authoritarian mode of state, but the means and methods that are suitable for the
sustainable production of urban sculptures and sustainable urban development. This analysis was mainly based on the historical and cultural city's planning documents of conservation. [Google Scholar]Zhuo, T. The above-mentioned structure and
Urban geography of arts: The co-production of arts and cities. (Soc. [Google Scholar] [CrossRef]Zheng, F. Tian Jin Univ. [Google Scholar] Senie, H.; Webster, S. 2005, 42, 833-839. As a result of this concentrated and explosive development, several unsustainable issues have arisen. Although China has gradually begun to pay attention to diversified
public art installations, urban sculpture has occupied a more important position in the educational function of sustainable development can be realized [37]. 1985. Hein, H. This theory was imported as guidelines and the educational function of sustainable development can be realized [37].
the major urban heritage preservation and cultural landscape construction projects. The sculptures were regarded as a political tool of maintaining social order, which could produce monuments to stimulate civic identities and nationalism. However, due to the lack of corresponding planning, management regulations, operational mechanisms, and
other policy measures, the urban sculpture construction of some cities has been under chaotic situations. [Google Scholar]Liang, I.; Wan, M. In Critical Issues in Public Art: Context and Controversy; Senie, H., Webster, S., Eds.; Icon Editions: New York, NY, USA, 1992; pp. Environ. X.Z. contributed to the modification of the conceptual
framework, supervision, project administration, and funding acquisition. In Proceedings of the International Conference on Urban Culture and Urban Planning Internation and duplication of themes in the process of urban sculpture development can be avoided
from a macro level. Taking Shanghai as an example, the "Shanghai Urban Sculpture Master Plan" was compiled under the framework of the "Public Art-Percent Investment Policy Research (gonggong yishu baifenbi touzi zhengce yanjiu)" to conduct research and analysis on
the public art policies, financial factors, and development trends of domestic and foreign cities [52]. [Google Scholar]Carlson, A. 2008. In addition, some researchers point out that the simple historical reflection may only lead to "nostalgia and the re-production of myths" [19,20]. Public art refers to permanent or temporary works of art that are
located in places accessible to the public, including a variety of spatial forms, material media, and expressions. Jiangxi Build. Due to the market-oriented urban sculpture construction, the overall distribution of urban sculptures in many cities is uneven. [Google Scholar] [CrossRef]Caerdydd, C. How the Arts and Cultural Sector Strengthen Cultural
Values and Preserve Heritage and History. Moreover, results will be valuable to both policy makers and other urban actors of urban planners, artists, and architects in crafting strategies about the sustainable production of urban sculptures through improving planning efforts. [Google Scholar]Li, Y.; Zhang, H. Permanent offices are responsible for the
planning, organization, coordination, and management of the city's urban sculptures. Available online: (accessed on on 30 May 2018). Shen, C.; Ge, Y.; Ji, F. The corresponding planning strategies of urban sculptures are mainly represented in the selection of the theme of the urban sculptures, based on both the regional cultural resources and the
selection of the location, which often relates to historical events [37]. To ensure the implementation and management of urban sculpture planning, it is necessary to improve local policies, detailed rules of implementation, and corresponding operational mechanisms. Ed. 2013, 19, 1-5. The sculptures are mass-produced by factories as industrial
products without cultural meaning, formal sense, or taste in art [63]. At the same time, multi-channel financing methods suitable for local administration should be explored, such as setting up public art funds, special funds for key projects, and private investments. [Google Scholar] [CrossRef]Miles, M. [Google Scholar]Pollock, V.L.; Paddison, R. The
general plan proposes geometric patterns to help to realize the city image and the overall sculptures based on the legacy of existing sculptures based on the legacy of existing sculptures. Available online: (accessed on 11 June 2018).Lin, J. Chifeng Univ. This can also be seen in the Guggenheim in Bilbao [20]. Many cities do not have a specific department to manage the
construction of sculptures. 1-4. We can also see the example of the "IXIA Public Art Think Tank" has conducted a very brief evaluation framework [56]. The road skeleton, urban landscape system, and urban green infrastructure, etc. One Place After
Another: Site-Specific Art and Locational Identity; MIT Press: Cambridge, MA, USA, 2004. Cult. (a) The statue of peasants and soldiers, Nanjing, 1930; (b) the statue of peasants and soldiers, Nanjing, 1968. According to the above analysis, these current issues in relation to sustainability could be listed as follows: Lack of systematic coordination. Thoughts or
visual perception hierarchy of urban sculptures [78]. [Google Scholar] Wang, Y. [Google Scholar]
access article distributed under the terms and conditions of the Creative Commons Attribution (CC BY) license (. The research on spatial planning as the example. Town Plan. Type of Product or Activity Tangible Sculpture, Painting, monument, building, multimedia, or other
materials in landscape sculptures. In other words, the way that the China's urban planning systems move urban sculptures towards sustainability are operated by and through positive interactions between arts and cities. [Google Scholar]Herman, P.; Heike, S.; Vera, D. 2002, 26, 23-26. [Google Scholar]Fu, S.; Ding, K.; Liang, J. [Google Scholar]Herman, P.; Heike, S.; Vera, D. 2002, 26, 23-26. [Google Scholar]Fu, S.; Ding, K.; Liang, J. [Google Scholar]Herman, P.; Heike, S.; Vera, D. 2002, 26, 28-26. [Google Scholar]Fu, S.; Ding, K.; Liang, J. [Google Scholar]Herman, P.; Heike, S.; Vera, D. 2002, 26, 28-26. [Google Scholar]Herman, P.; Heike, S.; Vera, D. 2002, 26, 28-26. [Google Scholar]Herman, P.; Heike, S.; Vera, D. 2002, 26, 28-26. [Google Scholar]Herman, P.; Heike, S.; Vera, D. 2002, 26, 28-26. [Google Scholar]Herman, P.; Heike, S.; Vera, D. 2002, 26, 28-26. [Google Scholar]Herman, P.; Heike, S.; Vera, D. 2002, 26, 28-26. [Google Scholar]Herman, P.; Heike, S.; Vera, D. 2002, 26, 28-26. [Google Scholar]Herman, P.; Heike, S.; Vera, D. 2002, 26, 28-26. [Google Scholar]Herman, P.; Heike, S.; Vera, D. 2002, 26, 28-26. [Google Scholar]Herman, P.; Heike, S.; Vera, D. 2002, 26, 28-26. [Google Scholar]Herman, P.; Heike, S.; Vera, D. 2002, 26, 28-26. [Google Scholar]Herman, P.; Heike, S.; Vera, D. 2002, 26, 28-26. [Google Scholar]Herman, P.; Heike, S.; Vera, D. 2002, 26, 28-26. [Google Scholar]Herman, P. 2002, 26, 28
[CrossRef]Zukin, S. 2007, 25, 95-101. P.U. contributed to the manuscript writing. 2013, 15, 133-146. In Proceedings of the Art and Design International Conference (AnDIC 2016); Anwar, R., Mahamood, M., Md. Zain, D.H., Abidin, S.Z., Eds.; Springer: Singapore, 2018; pp. McCarthy argues that "the use of historical
associations can provide a valuable means of linking public art with local identity" [20]. We first conducted a comprehensive search of scientific publications from the China National Knowledge Infrastructure (CNKI- and Web of Science Direct, using different search terms and combinations, as shown in Table 2. Research on Harbin Urban Public Art
Planning. However, one critical issue of equity should be recognized, as the public art could lead to gentrification in some circumstances. A lot of academic improvements have been made in achieving the maximum use of original materials and
recyclable materials [33,34,35,36,37]. Number of sculptures in some Chinese cities. [Google Scholar] Du, H.; Tang, M. For example, why is the sculpture
planning important for the sustainability of sculptures? Therefore, sculpture planning documents in China try to realize sustainability in terms of the framework of systematism, regionalism, integration into the surrounding
urban space, and management. Urban sculpture construction, and maintenance of the urban sculptures into a complete systems [69]. Art Rev. 2005, 42, 889-911. The development of urban sculptures has infiltrated into various spaces of the city, as
they are inextricably linked to urban transportation, green space systems, and other types of open spaces. Aspects for literature examination. Another 31 urban sculpture planning and policy documents were also included in this research. Our findings enrich valuable knowledge on geographic studies of public art planning through the contextualized
analysis of Chinese urban sculpture planning systems. Table 2. Available online: (accessed on 1 December 2018). URA. Consequently, the overall structure of urban sculpture planning was formed by this open spatial structure of urban sculpture planning was formed by this open spatial structure.
quidance [20] (p. Martin has also demonstrated how different cultural policies have shaped the divergent public-art productions [43]. 'Art in capital': Shaping distinctiveness in a culture-led urban regeneration project in Red Town, Shanghai. To answer the above inquiries, we reviewed more than 100 articles, plans, and government documents, and
we conducted several semi-structured interviews. [Google Scholar]Chen, Y. Reply on the Adjustment of the Management Function of Urban Sculpture Planning was a result of the rapid and large-scale development
of sculptures by local governments with a conscious promotion of public participation. Affected by cultural globalization, China has also been influenced by Western art. In Proceedings of the World Automation Congress 2012, Puerto Vallarta, Mexico, 24-28 June 2012; pp. Internationally, urban sculptures are usually categorized as public art (Table
1). The interviews were structured by several questions of "why, how, what". Through these methods, Chinese urban sculptures will be pushed towards the path of sustainability; Environ: Leicester, UK, 1996. 2010, 29, 379–391. Sci.) 2015, 4, 347–350. Content, Context, and Controversy; Smithsonian Institution Press: Washington,
DC, USA, 1998. Technical Regulations for Urban Sculpture Engineering JGJT 399-2016; China Architecture & Building Press: Beijing, China, 2017. Culture-sustainability relation: Towards a conceptual framework. Since 1980s, urban sculpture was utilized by Chinese cities as a driver of local economies, local tourism, urban-upgrading, and
sociocultural urban regeneration. Through the analysis of this article, it can be seen that China's urban sculptures planning has several special focuses in relation to sustainability. Jiang Su Urban Plan. As suggested by Tim Hall and Iain Robertson, two elements are crucial to develop a sense of place through urban sculptures: The creation of artwork
unique to sites, and the development of an awareness of the tradition and identity that is unique to a certain place [84]. A Econ. Available online: www.bcaatlanta.org (accessed on 1 June 2018). IPAR. Materials should withstand climatic conditions, such as sun, heat, and freezing as well as winter salt exposure. According to the framework, related
literature materials were reviewed one by one. This specific definition was put forward in 1985: "Urban sculptures those built on roads, squares, green spaces, residential areas, scenic spots, public buildings, and other event venues within the urban planning areas" [4]. [Google Scholar]Selwood, S. Focusing on the cultural
features and functional attributes of the key districts, the theme of the corresponding proposed urban sculpture was matched. Harbin also considers these five elements, as they create a park and a large square as a core point, urban streets as links, and a general spatial layout of urban sculptures that is based on courtyards, street gardens, small
gardens, city entrances, and important road intersections [79]. In other words, urban spaces with different locations, functions, fu
platform for sustainable education, presenting a unique form and interface for the continuation of ecological concepts. 2010, 15, 335-356. Cultural Policy; Sage: London, UK, 2002. 1996, 11, 291-302. [Google Scholar]Brundtland, G.H. Our Common Future; UN: Geneva, Switzerland, 1987. For these different types of areas, corresponding guidelines
for urban sculptures were put forward, including indicators, themes, size, form, material, color, and other elements. Examples of analysis in the Nanjing sculpture emphasizes the construction of related themes, such as ecological conservation [79]. Sustainability
2016, 8, 167. Available online: (accessed on 11 June 2018). HMPB. We can therefore see that planning strategies and policies are actually important determinants of whether urban development can be sustainable. 2015, 36, 183-185. What is public art?: Time, place, and meaning. Long-term planning puts forward different requirements for key areas,
such as commercial areas and residential areas, and takes principled guidance with regards to the main methods, referring to the description methods of the city's overall planning and sub-district planning [62]. World Art 1997, 1, 58-59. Taking Tianjin as an example, typical urban spaces are divided into seven different types of spaces: Urban plazas
and parks, residential areas, research and education spaces, culture and medical facilities, large commercial areas, and transportation stations [93]. China was chosen as the main research object because it has an urgent need for a sustainable development model, following the rapid and large-scale development of urban sculptures, which is reflected
in the sharp increase in the number of urban sculptures. Shanghai Yangpu District Urban Layout Planning. For Chinese cities, the urban space holding sculptures may change due to rapid urbanization. Cardiff Public Art Strategy. 2009. Initially, some aspects were targeted to gather basic information, such as when, where, why, by whom, and how the
research and practice took place. [Google Scholar]Wang, J. In Proceedings of the China Urban Planning Annual Conference, Kunming, China, 17-19 October 2012. The famous international example of this is the 'Angel of the North' landmark, which plays an important role in changing the image of a "postindustrial" city into a "cultural" city [19]. On
the present situation and development of Changsha city sculpture. In Proceedings of the China Urban Planning Annual Meeting, Qingdao, China, 16-18 November 2013. Interruptions: Testing the rhetoric of culturally led urban development. Geoforum 2017, 82 (Suppl. Outline of City Sculpture. Because urban sculpture planning studies are closely
related to actual practices, the studies were also checked by the standards whether it contained cases for specific cities. Urban Aff. The case of Manchester is very distinctive in its application methods, such as the "Big Jam" open-forum sessions [20]. Value direction:
Moving crafts toward sustainability in the Yangtze river delta, China. Sculpture 2006, 6, 44-47. [Google Scholar]Joanne, S.; Venda, P.; Ronan, P. However, few researchers have unpacked how planning strategies can be utilized, and what kinds of policies can be utilized in order to promote the sustainability of urban sculptures. City Plan. In
Proceedings of the Sustainable Development Rational Planning—2017 China Urban Planning, Doguan, China, 18-20 November 2017. [Google Scholar]Observation and Thinking of Chinese Urban Sculpture: Public Art Needs Planning. These points were all examined specifically in
this article through the main cases in Chinese contexts. [Google Scholar]Zhang, L. [Google Scholar]Qiu, B.; Zhang, F. Greater participation is generally agreed to be one of the central principles of sustainable development [17,100]. Taking Nanjing as an example, a master distribution plan was made by locating current urban sculptures on the map
and other analysis, such as themes' classification, was also formulated according to the investigation data. Existing problems and development countermeasures of uban sculpture-Taking Ningbo city as an example. 2016. In particular, the lack of an overall arrangement for characteristics and themes of urban sculptures results in a singleness of form
and the duplication of subject matter within the proposed site vicinity. Promoting construction of urban cultural landscape system by public art planning. The development of urban sculptures should meet the requirements of intergenerational balance. Source: Lin Tao [67]. Study on ecological sustainability of sculpture. [Google Scholar]Sacha, K.
Sustainability 2018, 10, 1252. [Google Scholar] Currier, J. (the "why"); how does the urban sculpture planning contribute to the anonymous referees for their most insightful suggestions and help on this publication. The authors declare no conflict of interest. Overview of urban sculpture plans
in Chinese cities urban sculpture policy (a), urban sculpture planning document (b). Available online: (accessed on 11 June 2018). Tong, Z. 2014. Nanjing Urban Sculpture planning. 2005. [Google Scholar]Ministry of Housing and Urban-Rural Development of the People's Republic of China. How can we make urban sculpture develop in a long-term and
healthy way? The article argues that urban planning strategies and policies have been conceived as strategic instruments by the Chinese municipal governments to realize sustainable development of urban sculptures. She also contributed to the collection and analysis of the literature and the manuscript writing. It can be seen that the first three
principles are all closely related to the 'co-production of sculptures and cities' [101] (p. 2016, 21, 36. Urban sculpture plans are usually formulated as a part of overall master plans (chengshi zongti guihua) or a single special plan (zhuanxiang
guihua) [55]. [Google Scholar] [CrossRef]Hayden, D. 2012, 11, 63-65. As a type of cultural sustainability, in particular cultural sustainability. Many Chinese cities attempt to create more sculptures with themes of regional culture and historical
information in sculpture planning. This cognitive theory and urban landscape system elements are the main basis of hierarchical positioning in urban public spaces from different levels of districts, corridors, landmarks, and nodes [73]. All in all, although the urban sculpture planning system is formed with the special context of China, several
principles towards sustainability are not unique. Our findings would enrich knowledge on geographic studies of public art planning through the contextualized analysis of a Chinese urban sculpture planning system. Beijing central city sculpture drawing guidelines. Si Chuan Sci. [Google Scholar]Association, A.P. The Role of the Arts and Culture in
Planning Practice. Construction should satisfy the long-, and short-term goals, and be carried out in a planned and regulated manner [67]. Embedding public art: Practice, policy and problems. A planning and construction research of the urban sculpture for Beijing centeral city. City of Atlanta Public Art Master Plan 2001. Art and power in
the new China: An exploration of Beijing's 798 district and its implications for contemporary urbanism. In other words, urban spaces that consider these five elements when building sculptures could create the highlights of the overall municipal layout. Res. The "National Urban Sculpture Planning Group" (chengshi diaosu guihua zu) was established
with the approval of the Ministry of Culture and the Ministry of Construction in 1982. This framework was formulated based on preliminary fast literature reviews with the main research objectives in mind. In City and Culture: Cultulral Processes and Urban Sustainability; Nystrom, L., Ed.; Swedish Urban Environment Council: Stockholm, Sweden,
1999. Table 5. Pollock and Paddison have pointed out that it is better to embed the public art within institutional structures [44]. One way of using art in urban sustainable development is realized through an interaction with the environment [17], "Public art may be defined as site-specific art in the public domain" [20]. J. Sculpture 2002, S1, 14-15. In
some cities, urban sculptures are often monopolized by a small number of governors and elites, meaning that the citizens cannot participate in the principle of people-orientation [68,69]. In response to these issues, urban sculpture planning has been utilized as a tool of solution by several cities in China. In the database
of Web of Science, we obtained 31 studies of peer-reviewed scientific papers and conference papers. [Google Scholar]Li, K. How can we achieve ultimate cultural and social sustainability through the continuous development of urban sculptures? It can be seen from the plans, official documents, and policies that they are focusing more on urban
sculptures than other kinds of public arts (see more in Appendix A). This is largely due to the local environment, (Nat. (Figure 3), [Google Scholar]Hodder, R. [Google Scholar]Hodder,
Plan (2004-2020). From urban sculpture to public art-study on the mechanism of public art construction in Beijing. The management levels of different districts are uneven and the division of responsibilities are not clear, as they lack unified mechanisms throughout the entire process of production. "The configuration of the sculptures in the central
city" in the Master Plan of Sculptures in Shanghai, 2006. Harbin has proposed to place sculptures at the historical events, and places where outstanding historical events, and places where outstanding historical figures lived and worked [79]. There are three pillars of sustainability: Ecological, economic, and social, with culture included as the fourth pillar
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[23,24,25]. In the practices of international regions and cities, planning has also been utilized as a tool to lead to the long-term production of public Art
Master Plan" [47], "Louisville Public Art Master Plan", and "Enhancing Singapore's City Landscape: The Public Sculptures Masterplan 2002" [48], etc. For example, since the 1980s, a general consensus has already formed globally that urban regeneration can be realized through the use of public art [12,15,87,88]. (3) What kind of principles for planning strategies and policies could be utilized to move urban sculptures towards sustainability? 2011, 11, 32–36. The layout of urban sculptures in Xiangtan city took full account of the location of major historical events, trying to awaken people's memories and innermost feeling to carry forward this traditional history and culture. Available online:

Public Art: Taking Shanghai as an Example. Public art was an econditions of urban land transfer [98]. In addition to the fairner surrounding environment. As a result, the targeted inquiries coutilized in the planning practices to move sculptures towards smakers and other urban actors, such as urban planners, artists between urban sculptures and the environment have manifester	November 2018). Culture, M.O. Urban Sculpture Construction Management Me essential element of the early planning profession in the United States, which dess of the urban sculpture layout, urban sculptures should be given priority in a could be conducted according to the analysis and a summary of the information sustainability. Urban public art planning: A new field of study. They discuss the s, and architects, in crafting strategies for the sustainable production of urban ed itself in several ways. More studies should be carried out to evaluate existin perience of the Squaw Peak Parkway in Phoenix. (Figure 2) A database of urban	can be traced back to the collaboration of Frederick Law Olmsted with ar reas in which they are relatively scarce [60]. Loss of cultural identity. Wh reviewed, such as the status quo of urban sculpture development in Chir important guiding principles that are useful for the implementation of sculptures by improving planning efforts. Kwon has analyzed the specific g sculptures. The construction of urban cultural landscapes and collective	tists during the "City Beautiful Movement" [103]. The Yangpu District of at is more important is the abnormal shortening of the urban sculpture alone cities, the problems of urban sculptures' development before plant culptures, such as the selection of sites and the selection of sculptures. It form of site-specific public art, emphasizing the important connections to memories plays an important role in the transmission of urban historical stransmission.	of Shanghai has tried to incorporate urban sculpture into the s' art life, which is demonstrated by their disharmony with the ing and strategies of planning, and also the different strategies Eng. C), 89–101. Our findings will be valuable to both policy between sculpture and the environment [92]. These interactions cal culture through full use of urban history, city characteristics,
manufacturing to a consumption-based economy, especially the avenue from the east to the west; "third rings" are the inner ring system [81]. Figure 4. Although China's political, social, and economy two different geographic levels of the city level (shiyu) and center (Figure 1). In China, the construction of urban sculpture is usufamous monuments, and celebrity relics as the main distribution Chunhua, the Deputy Minister of Construction, in his speech at	the cultural consumption industry. Urban sculpture general planning based on the control of the control of the control of the conomic conditions are unique, it does not only provide experiences for China's intral city-level (zhongxin cheng). 1993. Before the Chinese economic reform (19 ually incorporated into the regeneration of the historical and cultural blocks. Let on focuses of urban sculptures. The coordination function of the urban sculptural the Changchun sculpture construction conference, proposed that urban sculptures of planning strategies and cultural policies. Available online: (accessed on 1 June 2015)	ne analysis of spatial characteristics-Taking an example of Xiantan city. "One business district, the municipal and sub-municipal business centers, his urban sculpture production, but also acts as a valuable reference to the 278), the development of urban sculpture was influenced largely by politions. [Google Scholar]APA. Shenzhen Univ. The Power of Place; MIT Prove management system mainly includes the systematic design of specific sturre has already entered the "planning era (guihuashidai)" [54]. Most planting the systematic design of specific sturre has already entered the "planning era (guihuashidai)" [54].	One vertical" represents the Huangpu riverside landscape axis; "two ho istorical and cultural areas, large-scale ecological green space, and other development of urban sculptures in other regions and countries. The picture of the countries of the picture of the pictur	rizontal" means the Suzhou riverside landscape axis and the er key areas as important districts of the sculpture landscape and determines the layout of key districts for urban sculptures from ch as statues of historical celebrities, peasants, and soldiers cal events, historical and cultural blocks (lishiwenhua jiequ), a planning, hierarchical divisions, and legislative trials. Song apture according to the nature of the area. However, few studies
in many cities have increased significantly. [Google Scholar] [C Policy Studies Institute: London, UK, 1995. Problems of unsust urban issues in environment, economic, social, and cultural development in the sustainable development of Chinese urban sculptu Sculpture Master Plan (2004–2020)Shenzhen1994/2004/2017(a Plan2002(b)Shenzhen City Center Sculpture PlanningGuangzhe Management Measures 2008(b)Hangzhou City Sculpture Master	utilized in this research to study the development of the urban planning system CrossRef]Basiago, A.D. Economic, social, and environmental sustainability in detainable development should not be merely spontaneous social products, but playelopment [10,11,12]. Intangible historical and cultural resources are material cure. Beijing urban sculpture planning project; including character statues, hist (a)Shenzhen Special Economic Zone Urban Sculpture Management Regulations and 2001(b)Guangzhou Science City Urban Sculpture Planning 2002/2015(b)Guater Plan2011(b)Hangzhou City Sculpture Special Plan Kunshan2016(b)Kunshan	evelopment theory and urban planning practice. Nearly one-quarter of the anning should be utilized as a means guided by policy makers and staked ized in the form of sculptures by an emphasis on themes, such as historical events, group sculpture, urban historical and cultural signs, nation as 2002(a)Shenzhen Municipal Special Economic Zone Urban Sculpture Mangzhou City Sculpture Master Plan Revision-(b)Guangzhou Urban Sculpture Urban Sculpture Planning Changsha2004/2015(b)Changsha Urban Sculpture Master Planning Changsha2004/2015(b)Changsha Urban Sculpture Planning Changsha2004/2015(b)Changsha Urban Sculpture Master Planning Changsha2004/2015(b)Changsha Urban Sculpture Planning Changsha2004/2015(b)Changsha2004/2015(b)Changsha2004/2015(b)Changsha2004/2015(b)Changsha2004/2015(b)Changsha2004/2015(b)Changsha2004/2015(b)Changsha2004/2015(b)Changsha2004	e district has been categorized as a historic conservation area. The Bennolders to avoid unsustainable outcomes [38]. [Google Scholar] [CrossRical events, folk culture, historical figures, literary arts, and historical but all art sculpture parkShanghai1996(a)Shanghai Municipal Sculpture Colanagement Regulations1998(b)Urban Sculpture Planning1999/2012(b) ture System Planning (2015–2030)Three types of shaft gallery, key area pture Planning (2004–2020)"One heart, one garden, one axis, two belts	efits of Public Art: The Polemics of Permanent Art in Public Places; ef]Du, H. It is generally recognized to respond to a number of ildings, for future developments. Research on intergenerational nstruction Management Measures 2004(b)Shanghai Urban Shenzhen Special Economic Zone Urban Sculpture Master 1, nodeHangzhou2007(a)Hangzhou City Sculpture Construction 1, multiple points" urban sculpture overall layout [105]Historical
and cultural sculpture areaWuxi2014(b)Taihu Urban Sculpture Nanning2005(a) Nanning Urban Sculpture Construction and M [88]Wuhan2012(b)Main City Urban Sculpture and Square Plan sixteen gardens, Hundreds of points [106]Xi'an2002(b)Xi'an Ci demonstration Street, 12 rent public center sculpture, 16 sculp Sculpture Planning (2007–2020) Taizhou2004(b)Taizhou Urban the different perspectives, but also because of the geographic and sculpture of the sculpture of the geographic and sculpture perspectives.	e PlanningThe selection of urban sculpture theme, the overall spatial layout of a Management Measures (b)Research on the Development Planning of Urban Sculptures (city) in Sculptures (city) in Sculpture System Planning 2003(b)Xi'an Urban Sculpture System Planning 2003(b)Xi'an Urban Sculpture System Planning pture parks and 11 rent silk road theme sculpturesSuzhou2008(b)Suzhou City in Sculpture PlanningSix lines, one area, and multiple points. Archit. Ecological areas in which it was conducted. These studies rarely focus on Asian contexts, events, and the locations of historical events, and 116 typical historical subjects	urban sculpture (urban gateway, major roads along the main public activ lpture in Nanning CityOne belt, two rings, four axes, five gardens [82]Xiz roups [70]Harbin2005(b)Harbin Urban Sculpture PlanningTwo gardens, mingTwo axes, three rings, sixteen district [107]2014(b)Xi'an Urban Sculpture PlanningOne heart, two zones, two pieces [78]Nanjing2017(b)I Aesthetics: Art in Environmental Design: Theory and Practice; Birkhäuse which are characterized by different social structures and management	ity center and square, city park, scenic area, historic area, river and lake angtan 2010(b) Xiangtan City Master Plan-Sculpture Section 1 linear layethree points, four belts, five axes [79]2010(b) Harbin Public Art Planning lpture Planning Two axes, three rings, eight radiation, sixteen zones [85] Nanjing Urban Sculpture Planning Ningbo 2011(b) Ningbo City Center Cer Architecture: Basel, Switzerland, 2004. Consequently, this article difference of the content of the c	deside)Mudanjiang2016(b)Mudanjiang City Sculpture Special Plan out 2 planar expansion layout 3 multi-point layout gOne river, one island, two belts, sixteen districts, sixteen axes, [2017(b)Xi'an Urban Sculpture Special PlanSculpture ity Sculpture Special Planning Wenzhou2008(b)Wenzhou Urban iters dramatically from the existing literature, not only because of amount of data was collected on historical contexts in the early
increased from 1500 pieces in 2003 to 3500 in 2015, and many in the detailed plans. Preliminary study on the planning of urbased Singapore are all excellent examples of regenerating urban eccemphasize the surrounding environment, working together wit focus on a single urban sculpture, but on urban sculptures as a urban sculpture survey included basic information, such as ind	villages along commercial corridors [47]. Public art and its uses. We can see, they of these are large-scale, fixed sculptures. Although urban sculpture planning can sculpture system. The life span of urban sculptures includes both their physonomies, beautifying city spaces, and fostering a sense of identity through arts the surrounding environment to enhance the quality of the space. Table 3. Manarrative system of symbols. Chinese cities have applied urban planning theo dividual sculptures, photographs, designers, and other basic information. The introduction planning, public art, and race in Richmond, Virginia. For example, the signers	of each city has different focuses and methods in each city, it can be sum ical life and artistic life [65]. This historical echo tells us that the urban s and culture [40] (p. Available online: (accessed on 1 June 2018). Environ lech. According to the analysis, this section proposes advices and guidelity creatively in the field of urban sculpture [46]. Master's Thesis, Harbin avestigations into Chinese urban sculpture planning systems could also p	imarized and divided into four main aspects. Sculptures of themes, which culptures were situated within the planning system globally. [Google Sol. The 37 studies with cases were the core materials for the review. In access for future planning, using excellent examples in practice and resear Institute of Technology, Harbin, China, 2010. A Public Art Master Plan resent local experiences for global issues in other countries and regions.	ch could highlight regional culture and history, are recommended cholar]Evans, G. The cities of Seattle, Birmingham, Melbourne, and dition, urban sculptures should utilize their tangible forms to rch. The Chinese urban sculptural planning system does not just for Reston. [Google Scholar]McCarthy, J. Standardized charts of s. Public art and urban regeneration: Advocacy, claims and critical
urban renewal, cultural heritage protection, urban characterist 'one vertical, two horizontal, three rings, many hearts' (yizong, Sustainability, 1st ed.; Routledge: Abingdon, UK, 2016. A prelin space for artists to create, while also trying to build a multidisc and cultural policies. Beijing urban sculpture theme; 3. 1921). collective memory of the city [83], so as to give its residents or "Nanjing Urban Sculpture Planning and Investigations on the Control of the city [83].	nts. Planning and design of sculpture spots in Jingzhou city. Public art refers to stics, and personalized expression. 13). The city level determines the urban dev y, liangheng, sanhuan, duoxin). Most artists usually work in their own independ iminary study on the compilation method and management mechanism of Beijir sciplinary integration platform so that different fields of scholars can work toge. All these research and practices have provided a robust conceptual basis for the tourists a sense of identity. [Google Scholar] [CrossRef]Markusen, A.; Gadwa, Current Situation of Urban Sculptures in Nanjing". Extensive researchers have	elopment structural axis, key urban areas, and industrial districts in the ent fields without consideration of the relationships between these sculping urban sculpture planning. Appl. Does cultural policy matter in publication to provide suggestions of sustainable development for urban sculptures article. 1). 158–170. On planning of city sculpture of Harbin. Good urban. This research was funded by "Nanjing Urban Planning Bureau", grant claimed the benefits of public art on the improvement of the quality of the	suburbs, and the key areas for the construction of urban sculptures; the tures and other existing ones [59]. Chin. [Google Scholar]Blanc, N.; Ber art production? [Google Scholar]Martin, Z. The management of urban so trees. It also fills the gap in the literature on the sustainability of urban so can sculptures can form a special "sense of place" by shaping regional of the number: 8501001352. We would like to acknowledge the Nanjing Urban environment [13]; activation of living communities [1]; city marketing the suburbance of the number of the	e level of central urban area determines the geometric patterns of aish, B.L. Form, Art and the Environment: Engaging in culpture planning provides a certain degree of flexibility, leaving culptures by approaching the perspectives of planning strategies culture [82], creating a cultural landscape, and inheriting the n Planning Bureau for their support to develop the project entitled: g [14]; promotion of tourism [15]; development of sustainable
tourism [16]; strengthening social equity [13]; enhancement of	f social cohesion [17]; improvement of urban image [17]; formation of urban identifiers, the urban sculptures are actively advocated to be utilized to activate the h	entity [18]; economic, social, and physical urban regeneration [19,20]; va	ndalism reduction [21]; rehabilitation of post-industrial sites [16]; devel	

