Water systems to identify country houses landscapes
a method to organise heritage landscapes based on form, meaning or use

Verschuure, G.A

Publication date
2019

Document Version
Final published version

Citation (APA)

Important note
To cite this publication, please use the final published version (if applicable).
Please check the document version above.
### International LDE-Heritage Conference 2019
*Heritage and the Sustainable Development Goals (SDGs)*
26-28 November 2019, TU Delft, The Netherlands

#### Keynotes
1. Mike Turner, Bezalel (UNESCO), IL
2. Ana Tostões, DOCOMOMO International, PT
3. Randall Mason, Historic Preservation, UPenn, USA
5. Amareswar Galla, Inclusive Museums, India – Australia
6. Ege Yildirim, ICOMOS SDGs, TR
7. Susan Macdonald, The Getty Conservation Institute (GCI), USA

#### Detailed Program

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<td>9.00</td>
<td>Introduction&lt;br&gt;Ana Pereira Roders and Pieter ter Keurs</td>
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<td>9.30</td>
<td>Introduction&lt;br&gt;Mike Turner&lt;br&gt;<strong>Keynote 1 (15'')</strong>&lt;br&gt;Aneesvar Galla&lt;br&gt;<strong>Keynote 2 (15'')</strong>&lt;br&gt;Academic Talk (30'')&lt;br&gt;with Ana Pereira Roders and Pieter ter Keurs</td>
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*Image: Erasmus University Rotterdam, Universiteit Leiden, TUDelft*
Session 4 - Place: Local Reality vs Global Ambitions

Chair: Koosje Spitz
26th November 2019. Berlagezaal 2. 11h00 – 12h30

Speakers

Cultural heritage and sustainable livelihoods - the artistry and artefacts of traditional craftsmanship - the case of Viswakarma artisans in Keral, India
Vp Raghavan

Historic Urban Landscapes and Sustainable Development in Context: Challenges and prospects of the implementation of the HUL in Alexandria, Egypt
Ahmed Hassan Moustafa¹*, Lama Said²

Implementing global sustainability standards on the local scale: The case of Tamirevi
Sureyya Topaloglu¹*, Sena Kayasu

Monitoring sustainable urban development in a world heritage city: Queretarim as case study
Paloma Guzman

Water systems to identify country houses landscapes; a method to organise heritage landscapes based on form, meaning or use
Gerdy A. Verschuure-Stuij

Panellists

Dynamic strategies in spatial conservation: A Dutch methodology to reconceptualize the role of heritage under cultural, economic and historical perspectives
Kaiyi Zhu*, Leilei Sun

Making World Heritage in the Margins of the State
Erik de Maaker

On the pursuit of world heritage status: the odds and challenges for developing countries
Dwirahmi Suryandari
Water systems to identify country houses landscapes; a method to organise heritage landscapes based on form, meaning or use

Gerdy A Verschuure-Stuip¹
¹ TU Delft

Abstract.

This paper advocates a new approach to group green heritage objects, like country houses and suburban villas, based on landscape features [1].

Since the seventeenth century country houses and suburban villas were designed in relationship to important landscape elements, creating groups of country estates in so called country estates landscapes [2]. Nowadays, country estates landscapes are valued for climatological, ecological and landscape architectural values as well as cultural-historical and identity values. These heritage landscapes can be seen as large scale green-blue systems in our urbanised landscapes and are contributing to a sustainable living area and are creating place for enhancing biodiversity and life on earth (SDG 11 and 15).

One of the essential structuring elements of country estates landscapes is water, which is to be found on any country estate. Appointing groups of country estates can be used for reading the historic roots of these landscapes, and to create coherent landscapes and identifying a regional narrative, but can function as a starting point to organise cooperation amongst stakeholders to ensure preservation of these large scale heritage landscapes.

Due to climate change, these values are under pressure due to weather extremes like the lack or water during summer interspersed with heavy rainfall in fall and winter. Nowadays, country houses are (more or less) dealing with these issues separately [3]. Cooperation between government, owners and stakeholders is needed to enhance environmental issues on topics like water management and regional identity and so on.

To bridge the private issues in regional cooperation, groups of estates should be appointed using similarities in landscape elements. The paper start with a theoretical description on how groups of country estates can be organised and it will be applied to cooperation within the brook system Baakse Beek and its country houses, suffering from severe draught in the summer [4].
REFERENCES
[3] Research to the Baakse Beek is based on outcome of Masterthesis Milan Malinath (2017), the design course Heritage Landscapes 2018 and discussions with owners and members of the province and other stakeholders. see: www.baaksebeek.nl (read 02-11-2019)

Corresponding author: Gerdy A. Verschuure-Stuip
E-mail: g.a.verschuure-stuip@tudelft.nl
Affiliation: TU Delft
City, Country: Delft, The Netherlands