

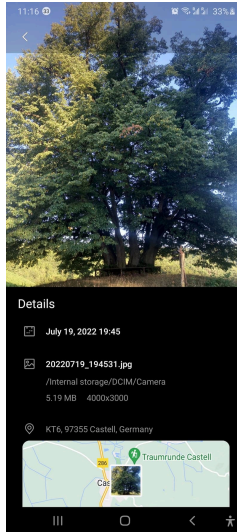
# Cultural Landscapes in Emerging Digital Scholarship: The search of conceptual and computational frameworks

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# Cultural Landscape, Example

## Gerichtslinde “court linden”, pre-Christian Europe



## Cultural Landscapes: Definition

- landscapes created or modified by human societies,
- landscapes of historical or archaeological importance,
- landscapes chosen for economic, spiritual, or other functions

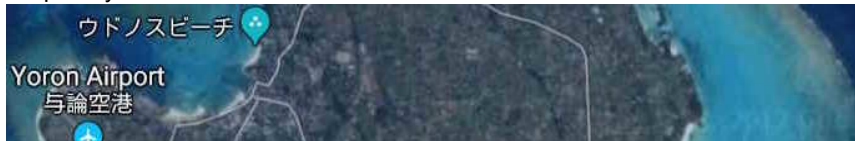


# Cultural Landscapes in DH

## Untypical DH-objects due to



- size, multiple zooms, multiple perspectives
- internal heterogeneity (landscape, geology, biology, function, belief system, history, current perception and preservation, ...)
- external heterogeneity (court linden, gallows hill, vineyard, graveyard, ...)
- transformation (tide, politics, religion, natural disasters, ...)
- scope beyond researchers' life-time

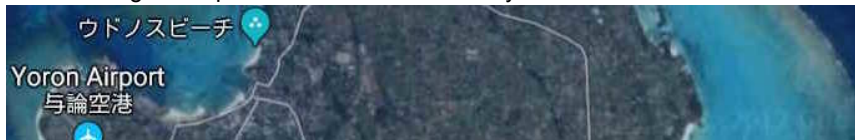


## Three Questions as for Cultural Landscapes in DH

- How to document cultural landscapes in fragments
- How to merge/link documentation fragments



- How to merge/incorporate/link available GIS-layers



## Three Answers as for Cultural Landscapes in DH

- Thick Description/Annotation: Forms, meanings, references, practices, functions, wordings,
- Associating descriptors with geometries,
- Finding and linking archives through common geometries and descriptors.
- Commenting, analyzing, validating, enriching links.

## In this Panel (1)

- Oliver STREITER: Cognitive Grammars in Documenting Cultural Landscapes
  - cognitive grammars as links between layers or datasets
  - cognitive grammars as meaning representation of links, obtained by induction or deduction
  - storage of links and meanings
- Hanna Yaqing ZHAN: Beyond GIS. Trying to make sense of Penghu cultural landscapes
  - cultural landscapes of the Penghu archipelago
  - identifying temporal aspects relevant for the documentaion of these landscapes by induction or deduction
  - linkage of temporal representations
- Shoichiro HARA: Historical Landscape In the Context of Ancient Shrines
  - landscape of sacred sites in Japan
  - extracting geographic features from maps
  - identifying constituent elements for temple locations by induction

## In this Panel (2)

- Ying-Fa HUNG and Jr-Jie JANG: Taiwanese Religion and Folk Culture Platform
  - Taiwanese folk religions inscribed in landscapes
  - diachronic comparison of pilgrimages and processions
  - understanding transformations of cultural landscapes
- Tyng-Ruey CHUANG et al.: Documenting Cultural Landscapes. Tools and Issues for Collaboration Across Boundaries
  - Documenting cultural landscapes in accessible and reusable archives
  - The role of persistent identifiers, and naming and data catalogue schemata
  - Examples of cultural landscape documentation projects