

# AI and Artworks

Object Detection, Image Classification and Iconographic Analysis

# Introduction

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# Main Challenges

- How AI is currently employed in art historical research and writing to detect, classify and analyse artworks
- Challenges surrounding pretrained models and the creation of new training data and models
- Controlled vocabularies and their application in AI-based art historical research
- The development of AI tools specifically tailored to art history
- Ethical and legal considerations surrounding the use of AI in art historical research.

# Welcome to the Travelogues project!

Travelogues: Perceptions of the Other 1500-1876  
– A Computerized Analysis

More info

## Travelogues at the ONB Labs

The ONB Labs 'Bring your project' initiative supported our work on bibliographic metadata

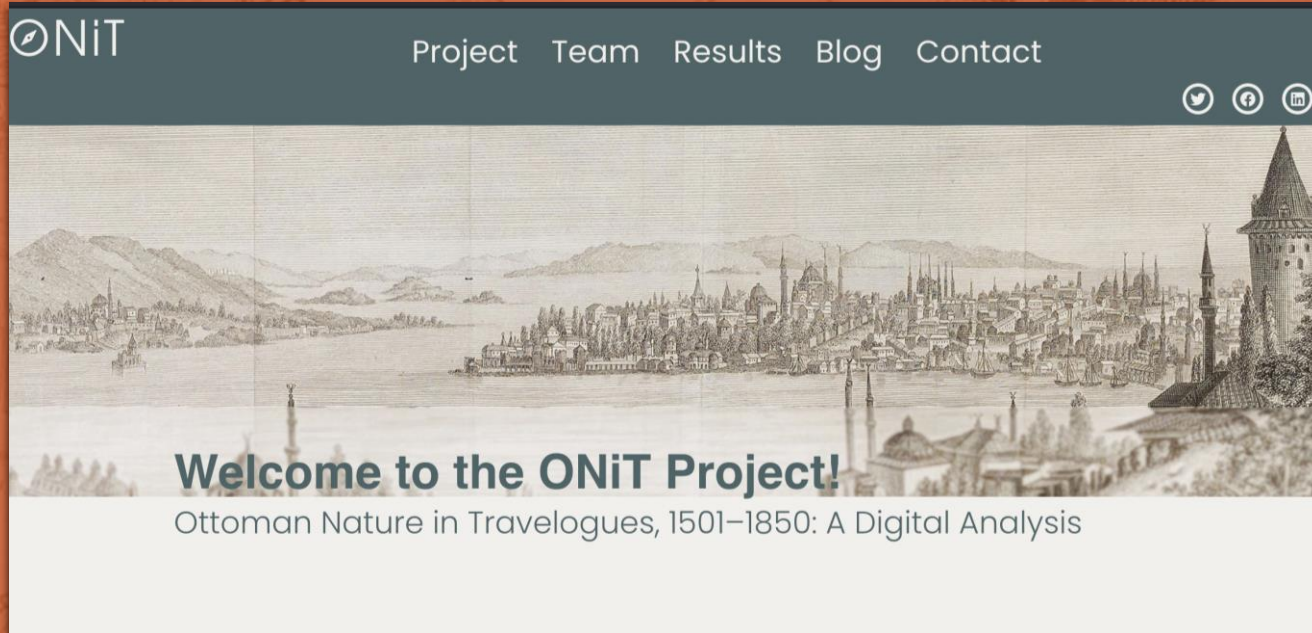
## Article in 'Der Standard'

Austrian newspaper 'Der Standard' has published a news article about the project in their April 1 print edition and online.

## Best Paper Award at iConference 2020

We are proud to announce that our contribution to the iConference 2020 in Borås

<https://travelogues-project.info/>  
<https://travelogues.github.io/>

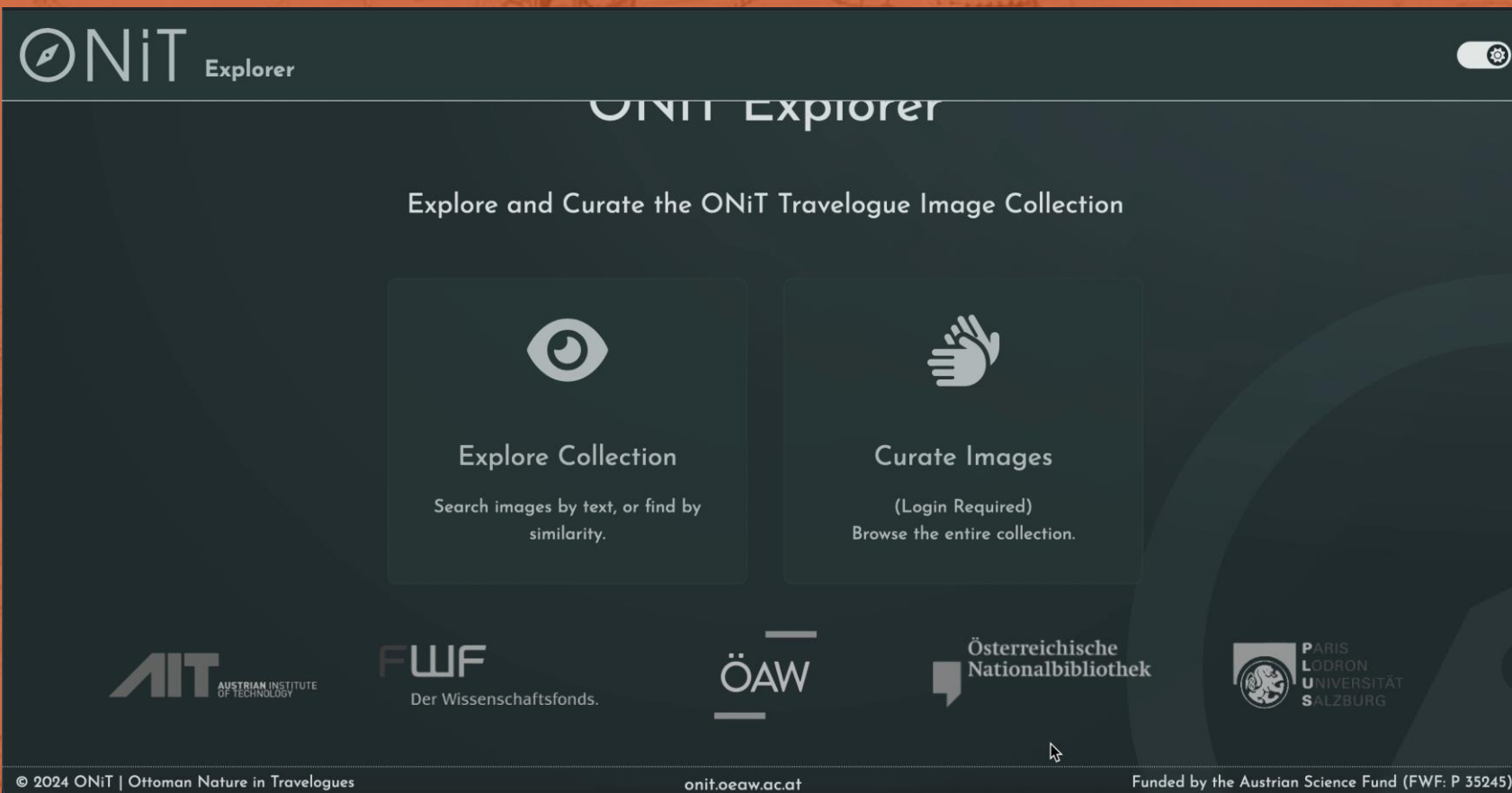


<https://onit.oeaw.ac.at>

**Project duration:** 2022–2025

**Team:** Institute for Habsburg and Balkan Studies (IHB) of the Austrian Academy of Sciences (ÖAW), the Austrian Institute of Technology (AIT), the Austrian National Library (ÖNB) in Vienna, and the Marmara University Istanbul.

**Aim:** Analysis of representations of "nature" (i.e. flora, fauna, landscapes) in travelogues on the Ottoman Empire.



The screenshot shows the ONiT Explorer application interface. At the top left is the ONiT Explorer logo with a compass icon. Below it, the text "ONiT Explorer" is repeated. The main heading reads "Explore and Curate the ONiT Travelogue Image Collection". There are two main interactive buttons: "Explore Collection" with an eye icon and the text "Search images by text, or find by similarity.", and "Curate Images" with a hand icon and the text "(Login Required) Browse the entire collection.". The footer contains logos for AIT (Austrian Institute of Technology), FWF (Der Wissenschaftsfonds), ÖAW, Österreichische Nationalbibliothek, and Paris Lodron Universität Salzburg. Copyright information at the bottom reads "© 2024 ONiT | Ottoman Nature in Travelogues", the website "onit.oeaw.ac.at", and funding by the Austrian Science Fund (FWF: P 35245).

<https://travelogues.app/>