



# Memory Hunting: A Mobile App for Collecting the Location Metadata of Old Photographs

<http://dsr.nii.ac.jp/memory-hunting/>

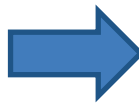
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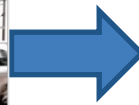
## Concept of “Memory Hunting” App (for Android)



*Where was it?*



*Go out with the App.*



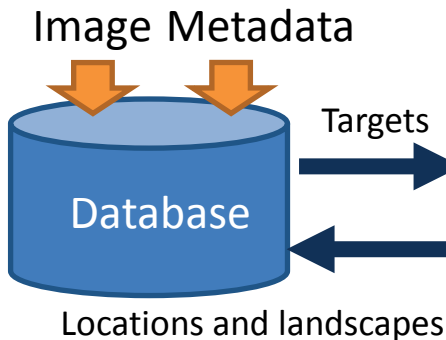
*35.69N, 139.76E*

**Problem:** Old photographs need location metadata, but no simple annotation tool.

**Solution:** Make an app for “location hunting” using smart device’s camera and GPS.



## Design and Unique Features of “MemoHun”



1. **Viewfinder overlay:** Direct comparison between photos and the landscape.
2. **Location and direction:** Automatic sensor recording as image metadata.
3. **Multiple projects:** The app could be used from field studies to crowd-based annotation and entertainment.
4. **Offline mode:** App can continue its operation even when network connection is not available.



## Results and Discussion

**Usability:** Easy to compare the past with the present landscape.

**Complementarity:** Augmented photography and augmented reality.

**By-product:** Matching is fun = gamification and crowd sourcing.

**Problem:** Good camera libraries wanted for the diversity of devices.