Interdisciplinary Research in High Mountain Areas of North East India

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Kunzum La 4590m
National Research Network

- “The Cultural History of the Western Himalayas from the 8th Century”
- Research Network founded by the Austrian Science Fund
- Art Historians, Numismatists, Buddhist philosophers, Tibetan and Sanskrit philologists and cartographers
- Intensify interdisciplinary research
- Subproject: Map-based Cultural History Information System
Cultural History Information System

- Connection of distributed data sources
- Search via map or object search engine
- Derive a holistic view of the entire data within a regional, cultural, and historical context

- High quality topographic base maps
- Special views side applications
Geodata for Basemap

**Vector**
- Digital Chart of the World
- Vmap0
- Hydro1k
- ESRI
- USGS
- GADM

**Raster**
- Satellite Images
- Scanned Maps
- Digital elevation models (SRTM, GTOPO30)
Gazetteer

- Temporal and spatial
- Hierarchical structure of locations
  - Country
  - State, Province
  - District
  - Locality
- One used for all data sources
- Different Languages (Characters)
Systemdesign
Main Page
Three ways of approaching information

Visual Query by Map
Object Search Engine
Special Views
System Design
Map View

Map Field

Result Field
## System Design

**Browse Objects**

### Search Field

- **Select Region:**
  - [India](#) (34 Objects found)
  - [Kinniya](#) (12 Objects found)
  - [Nako](#) (12 Objects found)

### Result Field

**Search Result:**

<table>
<thead>
<tr>
<th>Object ID</th>
<th>Name of Object</th>
<th>Location</th>
<th>Category</th>
<th>Timespan</th>
<th>Map</th>
<th>Detail</th>
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Field Trip Summer 2007
Himachal Pradesh - India
HANGRANG VALLEY 2007
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