

WiselImage PRO GEO and historical cadastre



*Raster***Tech**

"giving you the right image"

Virtual Shanghai

Virtual Shanghai is a research and resource platform on the history of Shanghai

from the mid-nineteenth century to nowadays.



Virtual Shanghai: Members

This project is driven by :
the french Institut d'Asie Orientale : **IAO** / Institut des
Sciences de l'Homme : **ISH**

- Aglaia de Angeli: Ph.D. candidate (IAO)
- Christine Cornet: History of modern China (IAO)
- Christian Henriot: History of modern East Asia, China (IAO)
- Yeh Wen-hsin: History of modern China (Center for Chinese Studies of the University of California, Berkeley)
- Zheng Zu'an: History of Modern China (Shanghai Academy of Social Science)

Virtual Shanghai



- Virtual Shanghai represents an attempt at writing the history of the city through the combined use of textual (essays, original documents), visual (photographs, movies, images, drawings, etc.), and cartographic documents.

- The implementation of this approach relies on the use of NTIC technologies and GIS technology



Virtual Shanghai

Institut d'Asie Orientale (IAO) has collected a large number of **maps of Shanghai** in the course of a research project on the history of the city in the 19th-20th centuries.

The collection includes original maps, photographic reproductions, slides and sometimes even Xerox copies.



Virtual Shanghai

IAO presents an application of GIS technology on which the present project relies. **IAO** have been carrying out a survey of the major buildings of the city in 1939-1940.

Presently, the 1,400-odd buildings are presented with minimal data (name, dates of construction and destruction, usage).

IAO plan to use this database for research in historical geography.

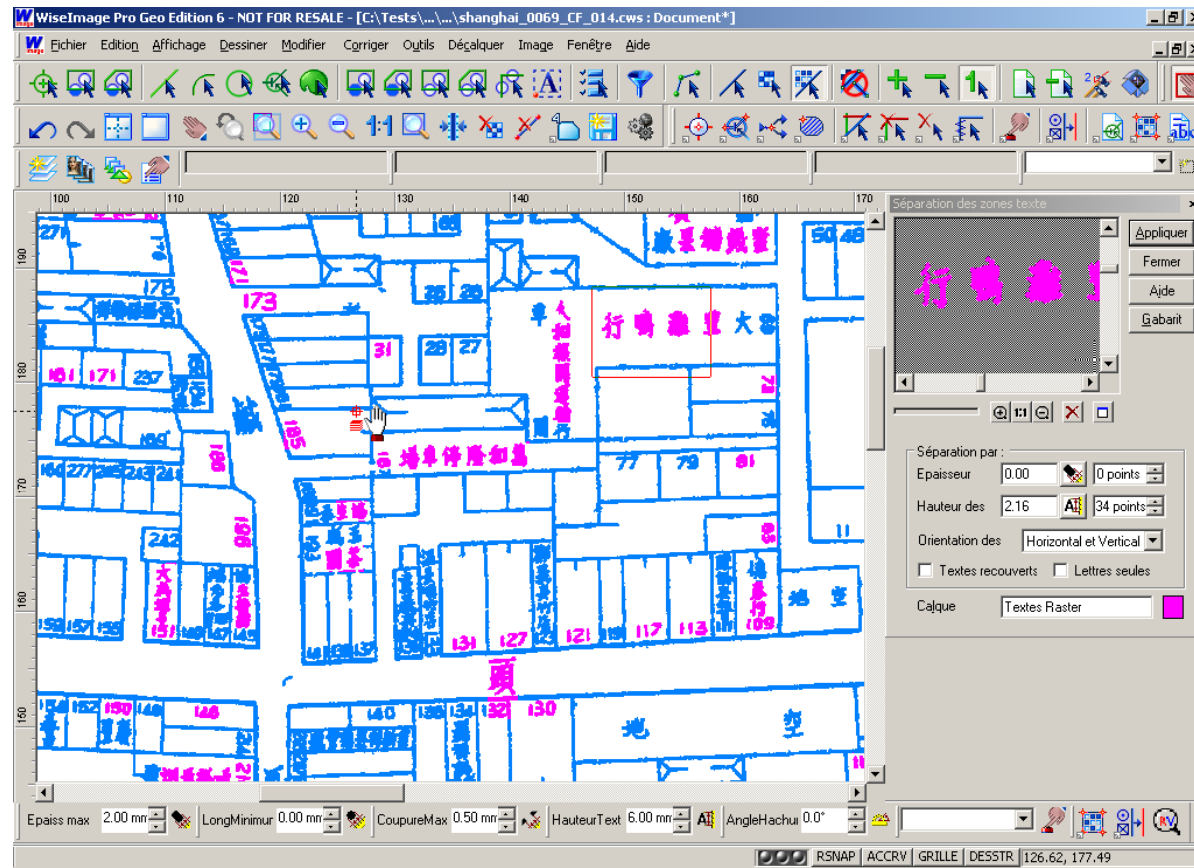


Virtual Shanghai

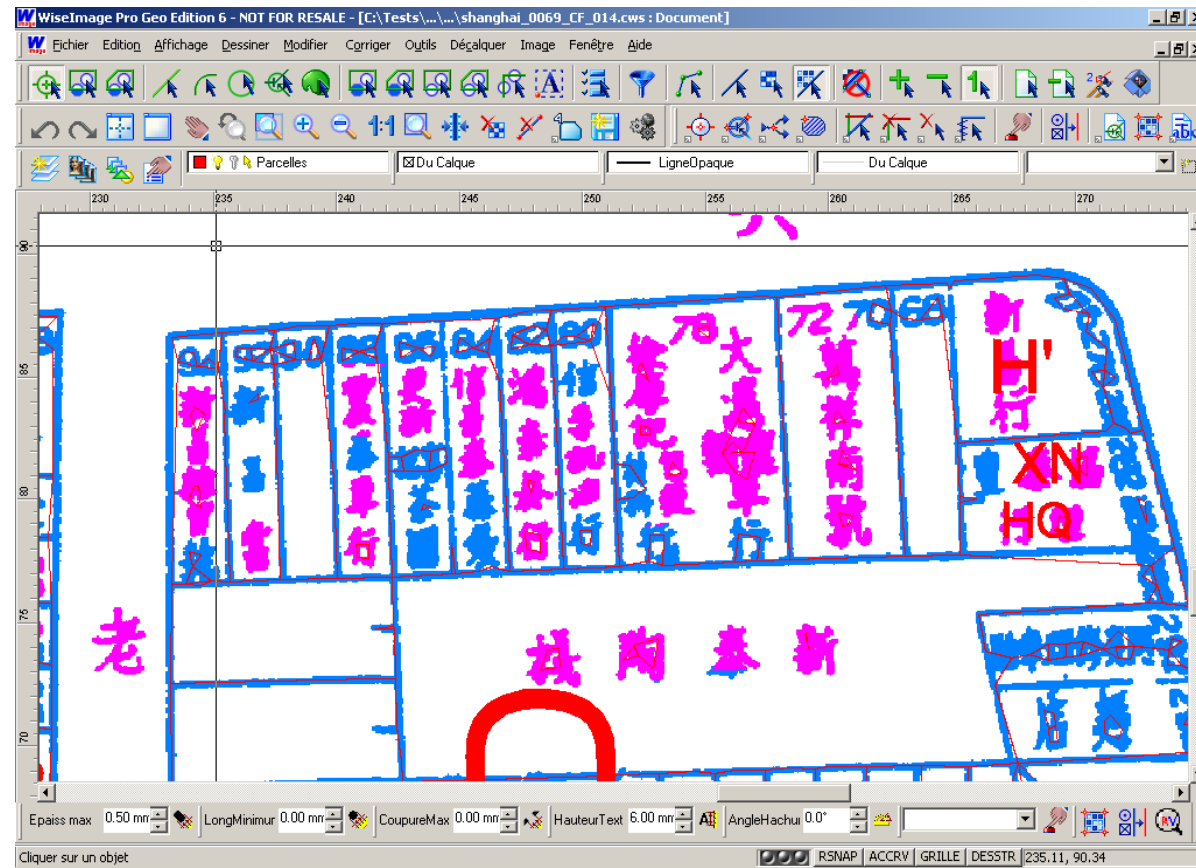
To build this cadastral database,
The **Institut d'Asie Orientale (IAO)**
tested intensively some
vectorisation softwares.

RasterTech demonstrate the power
of Wiselimage PRO GEO raster
editing tools and raster to contours
process and supply Wiselimage
PRO GEO licence.

WisImage GEO : Text separation



WisImage GEO : Raster to Contours



The header features a dark blue background on the left with a keyboard texture, transitioning into a light blue background on the right with a faint blueprint or architectural drawing.

OCR

Rastertech could plug-in
chinese OCR
for Wiselimage GEO.



More informations in english

<http://virtualshanghai.ish-lyon.cnrs.fr>

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