U.E.U:
cartography

Elia Zenghelis (OMA), Sacred Valley of St. Gerasimos, 1984.

BÁRBARA MAÇÃES COSTA

FS 2023
topic

Object > Landscape > Environment
Architectural Objects
A multitude of immanent forms.

Limbourg Brothers, “A Map of Rome” in *Très Riches Heures du duc de Berry*, 1411–16.
Landscape Backdrops
A field of contingent and undifferentiated resources.

“He had bought a large map representing the sea,
Without the least vestige of land:
And the crew were much pleased
when they found it to be
A map they could all understand.”

Lewis Carroll, “The Bellman’s Map” in The Hunting of the Snark, 1876.
Environmental Totalities

Dialectic of subject and substance, form and context:
landscapes have meaning,
objects are reflective of their material conditions of possibility.

Unknown author, Waterways between Valens Aqueduct and Topkapi Palace in Istanbul, 1815.
method

Object > Frame > Layers > System
Object

Photographs by José M. Rodrigues, 1990 (Arquivo Fotográfico de Évora).
Frame
Aerial photograph.

Layers

- Topography (acropolis, *ermo*, plains).

Layers

- Hydrography (streams, drainage, basins).
- Vegetation (orchards, forests, parks).
Layers

- Infrastructure (roads, railways, aqueducts, walls).

Layers

- Main buildings (religious, agrarian, commercial).

System
A totality of wholes, an environmental formation.

assignments

Drawing > Tracing > Mapping
Drawing: Visual Layers

Lines > Dots > Blots > Voids > Colour

Tracing: Spatial Figures
Gardens > Networks > Landscapes

1. Enclosure
2. Parterre
3. Axis
4. Picture
5. Grid
6. Network
7. Tree
8. Line
9. Watershed
10. Necklace
11. Patchwork
12. Archipelago
Mapping: Environmental Totalities
Nature > Technology > Production > Reproduction > Aesthetics

Gaël Zuber and Sara Steiner, *Bazaar of Isfahan*, UE U 2018.
research

Environmental Formations
Stabian Baths
Unknown architect, Pompeii, 2nd century BCE.
Camille Wetzel and Mylinh Dinh, UE U 2018.
Alhambra
Pedro Machuca, Granada, 1238–58.
Valentine Compain and Clémantine Artru, UE 2018.
Bagno Pubblico
Gala Urroz and Odile Doeper, UE U 2018.
Colosseo Quadrato
Pierre Wütrich and Bérénice Aubry, UE U 2018.
Robin Hood Gardens
Quartiere Zen
Josep Coll, UE U 2022.
La Barca
Giuseppe Vaccaro, Bologna, 1957.
Rita D’Elia and Silvia Narducci, UE U 2022.
MODERNITY,
ARCHITECTURE,
environment
1. Fourier and Coop-Panopticon
2. Morris and the Crystal Palace
3. Geddes and the Valley Section
4. Wright and the Prairie Bungalow
5. Taut and the City Crown
6. Ginzburg and the Social Condenser
7. Smithsons and the Habitat Doorstep
8. Rossi and the Analogous Type
9. Siza and the Proletarian Island
10. Banham and the Environmental Bubble
11. Venturi & Scott-Brown and the Bill-cling-board
12. Koolhaas and the Schizoid Skyscraper
Info
• Website: https://ueucartography.com
• Moodle: https://go.epfl.ch/AR-476

UE U: cartography

Modern
Western cartography from the Renaissance until World War II.

City panoramas:

1. Francesco Rosselli, View of Florence from the South West, ca. 1495 (Victoria and Albert Museum).
2. Unknown artist, View of Rome, ca. 1538 (Palazzo Ducale di Mantova).
3. Master of Bresan, Flood of Holland in a dream of St. Elizabeth, ca. 1480 (Rijksmuseum Amsterdam).