
Deterritorialized Living

2013

Project by fabric | ch

Results of a 4-month residency at Tsinghua University (TASML, Beijing, CN)

Location: Internet

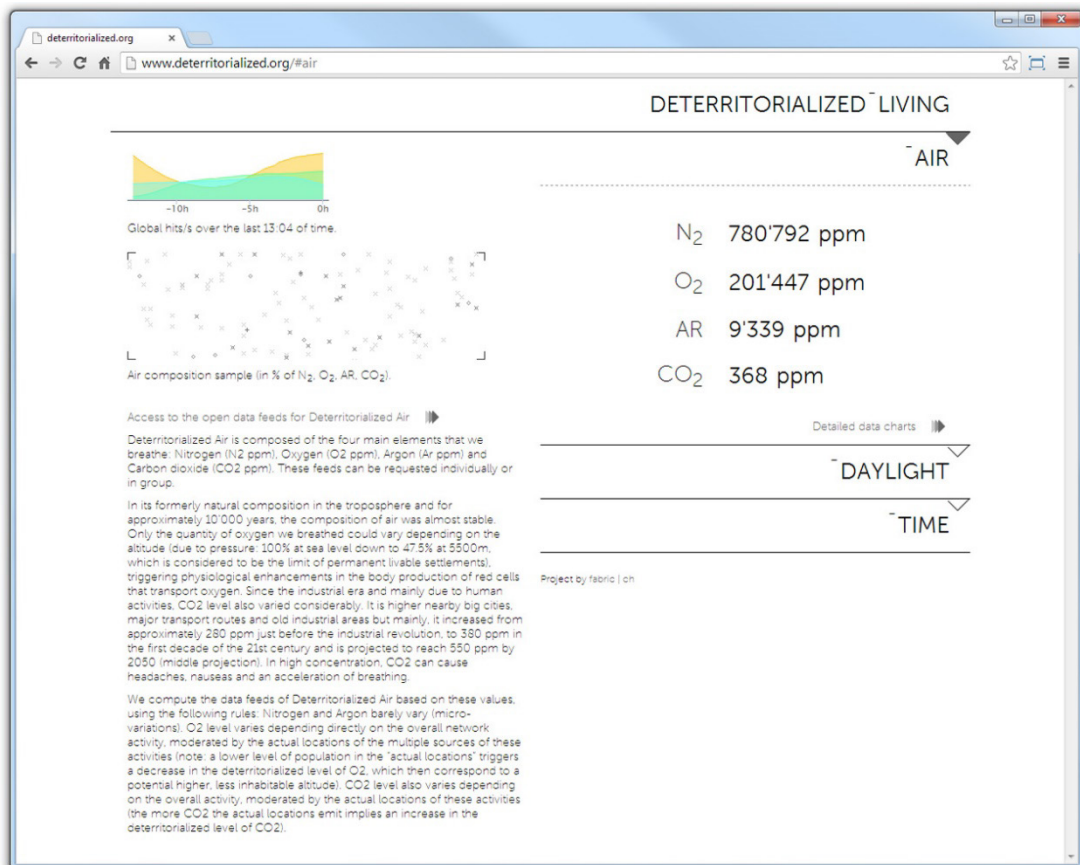
Exhibited during Lisbon Architecture Triennale 2014 (PT), Festival Pau Access (FR) and at the Haus der elektronischen Künste (CH)

<http://www.deterritorialized.org>

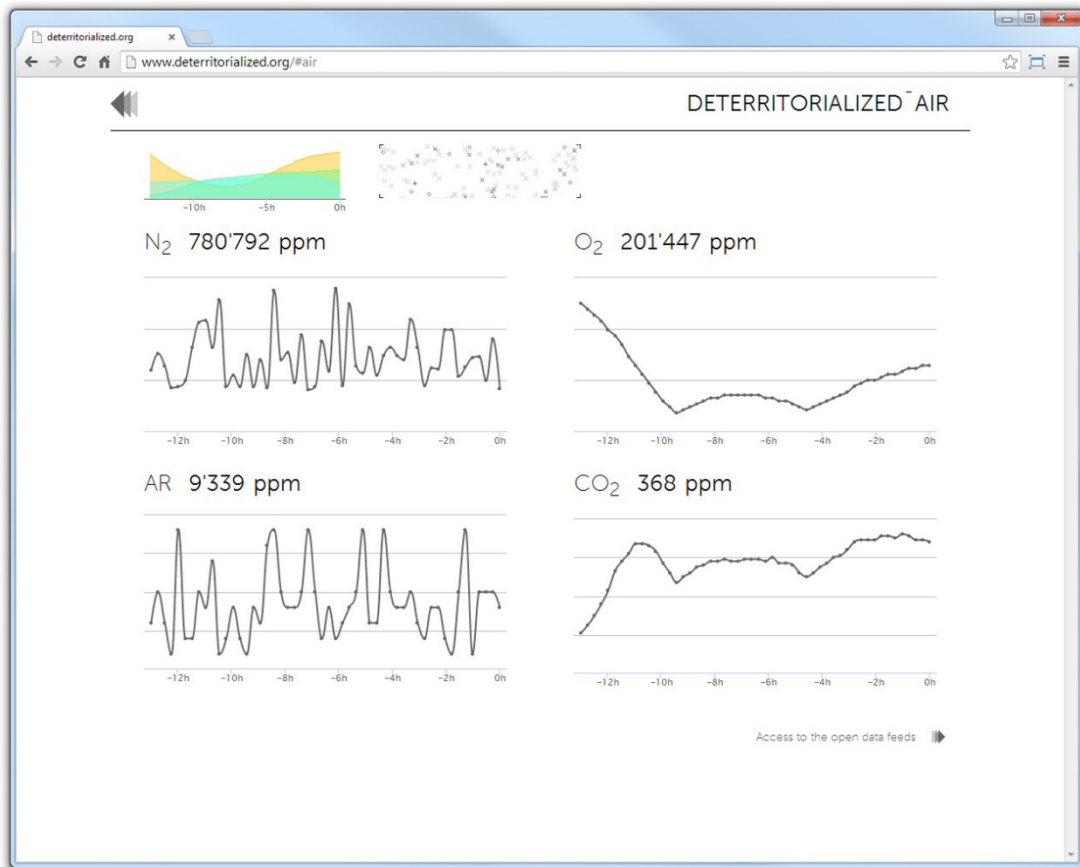
- Artificial troposphere, geo-engineered climate
- Delivered in the form of open-data feeds
- Network-related atmosphere, “reverse engineered”
- Artificial Air, Daylight and Time



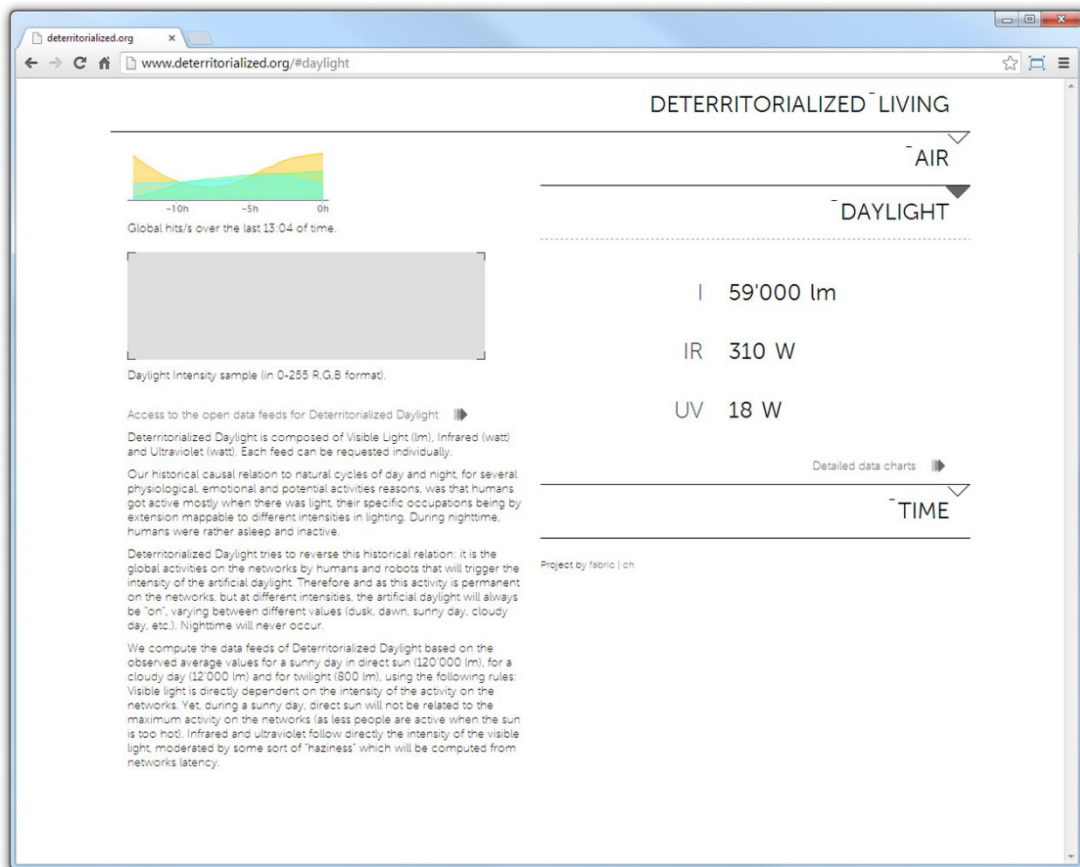
[Img. 1]



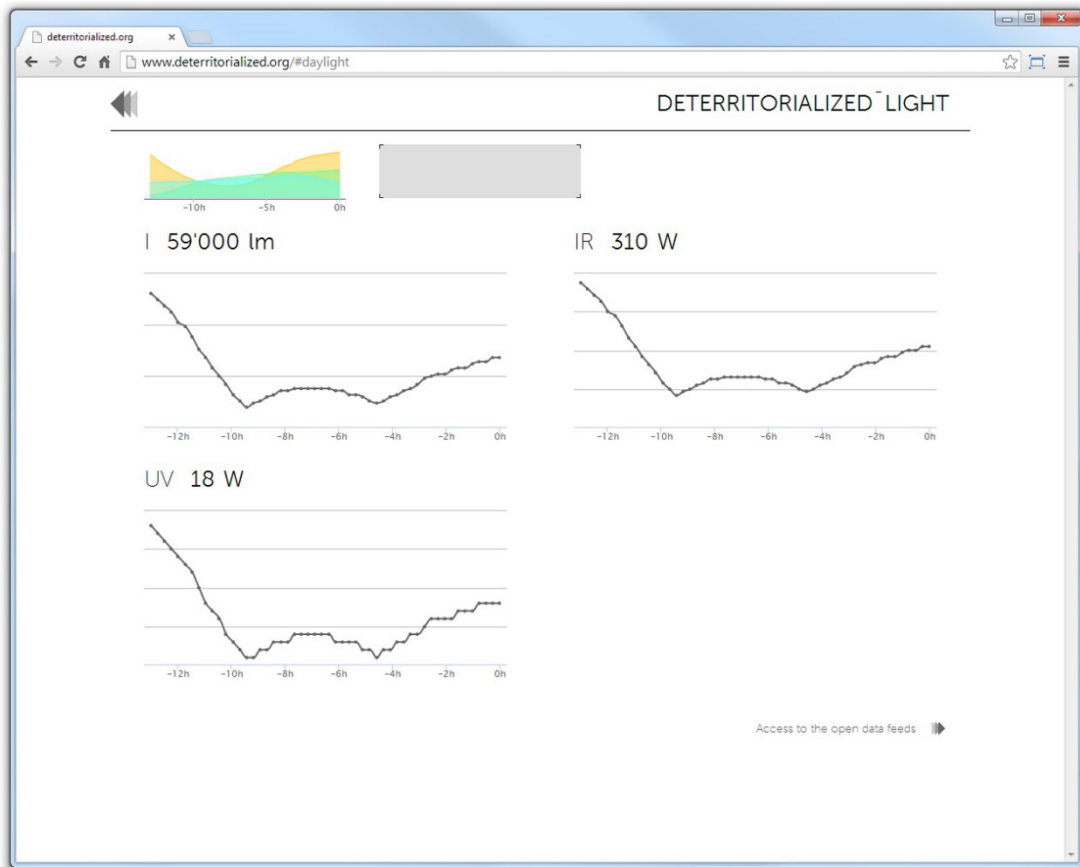
[Img. 2]



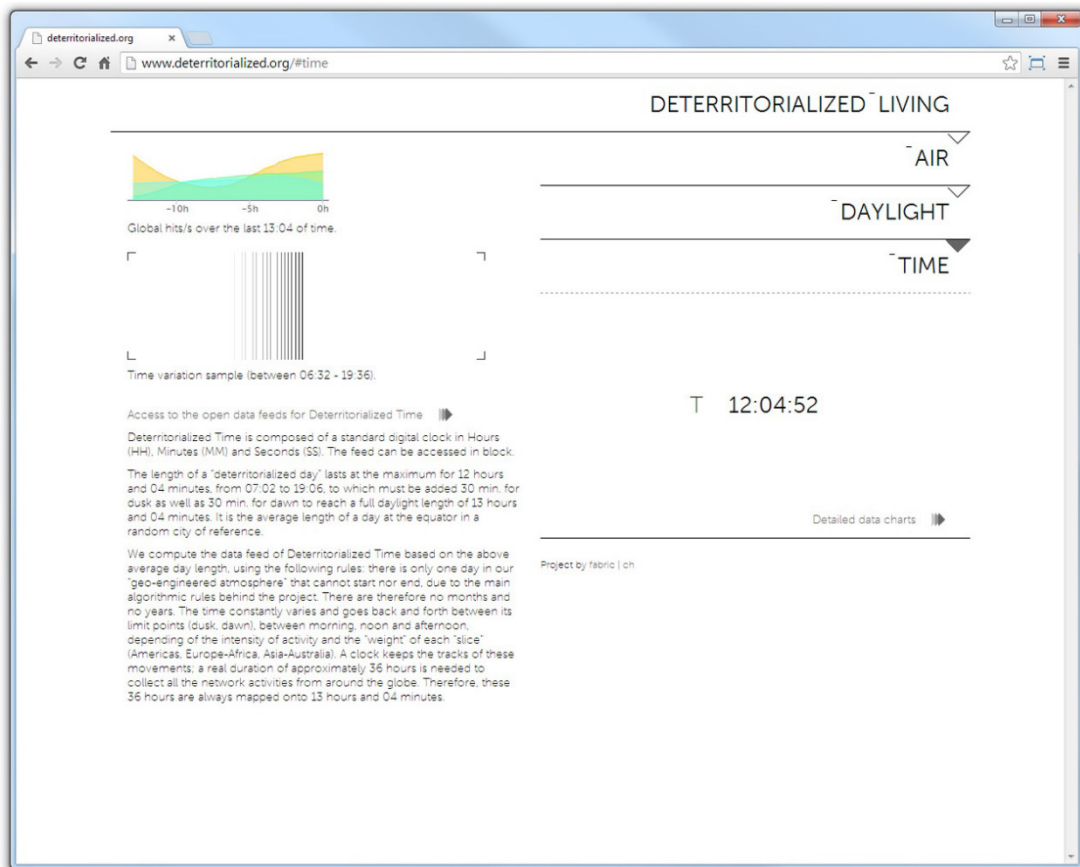
[Img. 3]



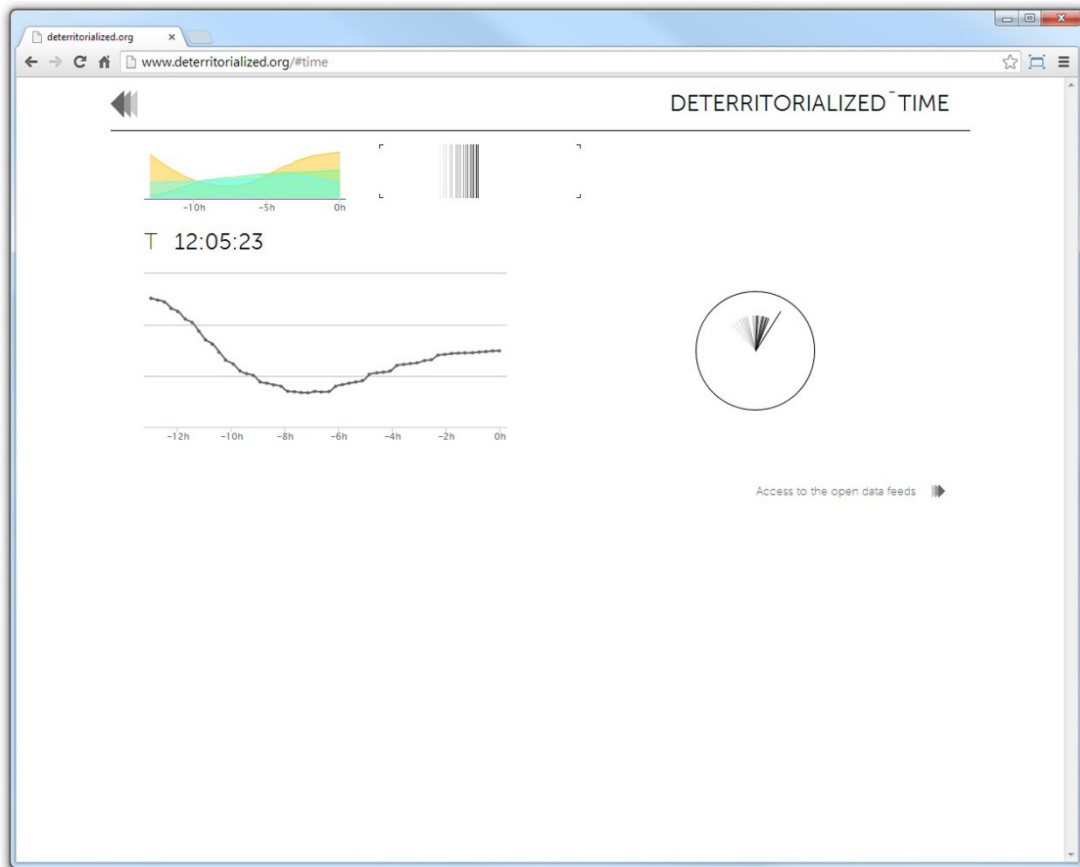
[Img. 4]



[Img. 5]



[Img. 6]



[Img. 7]

Web service usage: [http://www.detterritorialized.org/datafeed/request.php?data=REQUIRED_DATA_ID&format=\[text,xml,json\]](http://www.detterritorialized.org/datafeed/request.php?data=REQUIRED_DATA_ID&format=[text,xml,json])

Valid values for **REQUIRED_DATA_ID**:

(for Deterritorialized Air)

...
air: returns the current deterritorialized air composition in nitrogen, oxygen, co2, argon.
 ...
nitrogen: returns the current deterritorialized nitrogen concentration in percentage (normal value is 780840 ppm --78.084 %--).
 ...
oxygen: returns the current deterritorialized oxygen concentration in percentage (normal value --at see level-- is 209476 ppm --20.9476 %--).
 ...
argon: returns the current deterritorialized argon concentration in percentage (normal value is 9340 ppm --0.934 %--).
 ...
co2: returns the current deterritorialized CO2 concentration in percentage (average value in 2013 is 314 ppm --0.0314 %--).

(for Deterritorialized Daylight)

...
lightintensity: returns the current deterritorialized light intensity in lumens (lm).
 ...
lightvalue: returns the current deterritorialized light intensity in R.G.B format [0,255].
 ...
ir: returns the current Infrared value in watt intensity (W).
 ...
uv: returns the current Ultraviolet value in watt intensity (W).

(for Deterritorialized Time)

...
time: returns the current deterritorialized time in 24H format.

Format returned:

...
text: returns the current REQUIRED_DATA_ID value in text format.
 ...
xml: returns the current REQUIRED_DATA_ID value in xml format.
 ...
json: returns the current REQUIRED_DATA_ID value in json format.

[Img. 8]



[Img. 9]

Image captions:

- [Img. 1] Main access page for the Deterritorialized Living service. The project, which consists of an artificial troposphere, is delivered in the form of open data feeds. Real-time graphics show the current state of the information which serves to build the geo-engineered climate.
- [Img. 2-7] Components of the artificial climate can be accessed separately and visualized: Deterritorialized Air, Deterritorialized Daylight and Deterritorialized Time.
- [Img. 8] The different data flows and instructions to access and use them.
- [Img. 9] Part of the Deterritorialized Living and Deterritorialized Daylight components in use during the Festival Access at the Maison de l'architecture in Pau (FR).

Txt

Deterritorialized Living

Deterritorialized Living is an artificial troposphere which reverses our causal relationship with the natural rhythms of day and night, air, seasons, and time. It is a manmade environment in which the atmosphere is the effect, continuously being shaped by the global activities on the networks produced by humans, objects, and robots. The aim of this artificial, almost fictional, atmosphere is to give a permanent presence (at this stage only in the form of data flows) to what has become paradoxically an ambient, "atmospheric" and contextual experience of deterritorialization / de-temporalization induced by the massive use of networks, transportation devices, flows of data and communication technologies. Therefore, the aim is to literally become able to "breathe" the environment we are generating through our common actions. To some extent, Deterritorialized Living could then also be considered as an information design, delivered in the form of an atmosphere.

As the result of its initial and designed rules, this milieu develops strange behaviors: daylight is always "on" (as there are always activities worldwide on the networks) but at variable strengths, nighttime never occurs, air composition regularly reaches the "physiological enhancement" levels of high altitudes, it is composed of a unique single day that goes back and forth and that literally lasts forever in a continuous stream. There are no months, no years.

Deterritorialized Living is delivered in the form of open data feeds which define this "geo-engineered," yet livable environment, and are computed by the deterritorialized.org server. We expect to develop and use the troposphere in the future in the form of installations, responsive devices, and architectural projects.

But the artificial troposphere is also freely available to architects, artists, designers, scientists and makers of all kinds in the form of different "services": Deterritorialized Air (N₂, O₂, CO₂, Ar), Deterritorialized Daylight (visible light Intensity, IR, UV) and Deterritorialized Time (HH:MM:SS). Additional feeds and refined rules will be added along the way to the maturation of this generated atmosphere.

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