MULTISPECTRAL NARRATIVES
Rethinking Energy Flows from the Scope of Immersive Experiences

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Hello World!
Vibrant Fields hypothesizes the urban nature to be an amalgam of biological and artificial matter that share a symbiotic life cycle within the same environment. The project perceives the built environment and its natural and artificial inhabitants as equal vibrant matter.
Alexander von Humboldt...

...developed the idea of representing temperature conditions on earth through a geographical distribution of vegetation, especially plants.
CITIES IN EXTREMES
Jakarta, the most humid city, is slowly drowning due to the rise in sea level as well as the uncontrolled ground water extraction.
Phoenix is the hottest state in the US, suffering from the heat island effect which is changing the microclimate. Additionally, it has high wind turbulences.
Yakutsk is the largest city build on continuous permafrost, with extreme subarctic climate with temperatures ranging from -50C to +35C.
Methods:

- Observation
  Designing sensory instruments to capture information regarding the energy flows.

- Correlation
  The mission of correlation is to enhance the abilities to create, read and evaluate data to form a new cartography of urban metabolism expressed in the sensory signature of energetic waves.

- Narrative
  Transformation and translation of multispectral data into immersive experiences.
OBSERVATION: SENSING APPARATUSSES
Sensing Devices

Wearable ANNA. Analytical Nary Navigating Apparatus
Sensors: Humidity, Temperature, Geolocation, Solar Radiation, Sound, Color spectrum of light among others This gives us live data brought the city as the wearer moves and navigates through the city. The Citizen point of view.

Redundant static information OTTO. Orthographic Trans Territorial Operator
Sensors: LIDAR, Humidity, Temperature, Geolocation, Solar Radiation, Sound, Color spectrum of light among others This Date will be interpolated to add resolution to live gather data. Build environment point of view.
CORRELATION
NARRATING ENVIRONMENTAL INFORMATION
Jill (?) performer with EEG biotelemetry system, allowing brainwaves to control audio + video, and to jam with the monitored plants. Courtesy and © the artist.
THANK YOU