



**LOOKING DOWN**

***Generative Design, Animated Documentary, Time-based Installation***

**Author:**

**Jeanne Criscola**

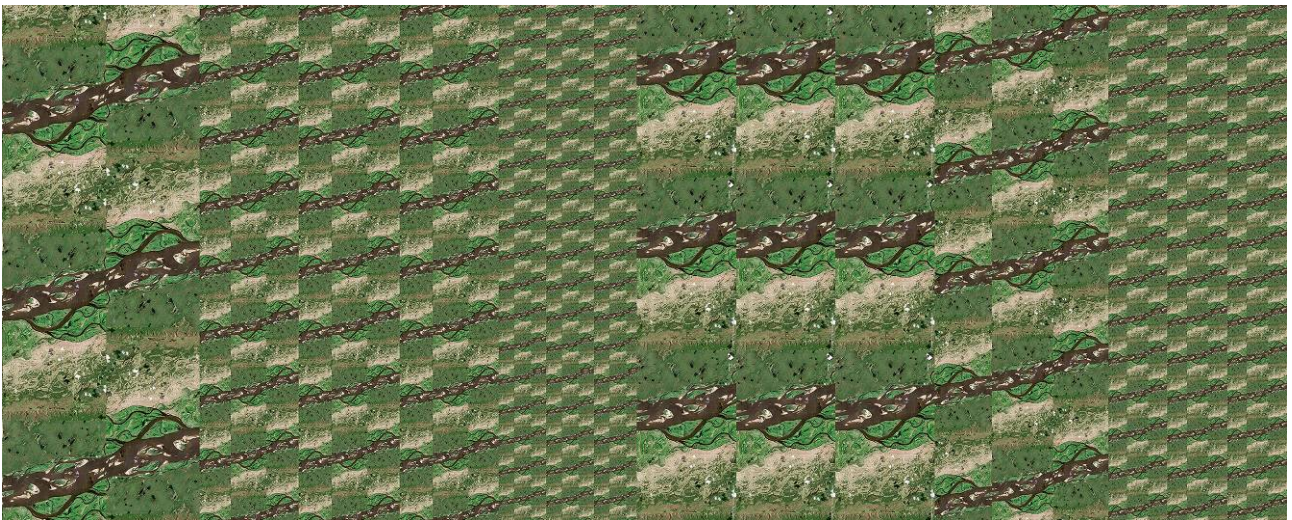
USA, Central Connecticut State University,  
Design (Graphic/Information)  
[www.ccsu.edu](http://www.ccsu.edu)

**Abstract**

Self-similarity—the recursion of natural and man-made forms—is evident in satellite imagery at almost any scale or time of day.

Drawing upon the proliferation of satellite systems capturing and monitoring Earth, this series of works appropriates Landsat Program imagery and recombines it into new recursive forms and patterns. Generative processes are employed to combine new global formations using scale, juxtaposition, and dimension.

The new virtual land patterns are post processed as time-based animated documentation and applied to textiles using manufacturing facilities worldwide through on-demand service providers.



[jcriscola@ccsu.edu](mailto:jcriscola@ccsu.edu)

**Key words:** generative art, generative design, satellite, landsat art, NASA

**Main References:**

[1] Benoit Mandelbrot, “*The Fractal Geometry of Nature*”, W. H. Freeman and Company; 1st edition (1983)

[2] <https://www.digitalglobe.com/>