Landscape Architecture
Common Lectures
The Steve Strom Lecture

RUTGERS
School of Environmental
and Biological Sciences

Computational Methodologies for Landscape Architecture

September 6, 2017
Pia Fricker, Aalto University Helsinki

We are currently at a crossroads where conventional approaches to landscape architecture do not serve justice to the increasing complexity of environmental issues, which require solutions that are both visionary and sustainable. In the era of progressive digitalization, landscape architects are greatly challenged to choose the most useful tools from the area of information technology for research, analysis, design and communication.

Emerging concepts, such as geodesign and data-driven design are products of this powerful and influential development. Now is the time to carefully analyze what kind of impact these tools will have on the planning and design of our cities and landscapes. Do the aforementioned terms merely deal with the constant iterative development of professional practice? Or when will it be appropriate to talk of a 'radically new paradigm'?

Pia Fricker is Adjunct Professor in Landscape Architecture at Aalto University in Helsinki, Finland, where she founded and directs the Digital Landscape Architecture Laboratory. From 2007–2016, she was Director of Graduate Studies in Landscape Architecture at ETH Zurich, Chair of Landscape Architecture, Prof. Girot. Here, she laid the foundation for her research on New Computational Methodologies for Dynamic Landscapes in the area of Landscape Architecture and Urban Planning. Pia Fricker is member of the editorial board of the Journal of Digital Landscape Architecture Magazine, as well as member of the scientific program committee of the DLA Conference (Digital Landscape Architecture) and member of the expert peer reviewing committee of ACADIA and eCAADe conference.

6:30 pm meet and greet
7:00 pm lecture

Kathleen W Ludwig Global Village Learning Center
9 Suydam Street
New Brunswick, NJ 08901

Parking will be available at the Douglass Deck