



WATERMIGRATION



Country / City Argentina / Santa Fe

University / School Universidad Nacional del Litoral / Facultad de Arquitectura ,Diseño y Urbanismo

Academic year 2019

Title of the project Workshop Santa Fe 2019 - "Urbanidad Propioceptiva. Bordeando lo distal y proximal"

Authors Lacuada Baumgartner Cristian - Legé Francisco - Pergazere Florencia - Rivero Andres - Romero Karina

TECHNICAL DOSSIER

Title of the project	Workshop Santa Fe 2019 - "Urbanidad Propioceptiva. Bordeando lo distal y proximal"
Authors	Lacuadra Baumgartner - Legé - Pergazere - Rivero - Romero
Title of the course	TPMU - Taller Proyectual en Morfología Urbana
Academic year	2019
Teaching Staff	Arq. Miguel Vitale y Arq. Carlos Kakisu. Arg. colaboradora Emiliana Balestieri.
Department/Section/Program of belonging	Area de Diseño. Carrera de Arquitectura.
University/School	Universidad Nacional del Litoral - Facultad de Arquitectura, Diseño y Urbanismo.



Space is presented as an element discursive, lacking the identity of the scale of unused spaces and the strong activity developed by the new residential and recreational spaces. It is framed in the collective imagination as an vibrating element, generator of atmospheres of the past, causing a conjunction of own dysmorphic element of a previous dystopia in the spaces vacancies. The need to establish a link from the distal and proxima, is addressed by creation of a hybrid figure, which expresses your own imprint, set a new beat in the elements and that in turn allows a better reading and inter-relationship with buildings adjacent, establishing itself as an Admirable element to the landscape. The project aims from sustainability to incorporating a series of collectors that in turn, due to the amplitude thermal sector, enables to obtain water by condensation of surfaces, to its storage and subsequent treatment. One of the great challenges is liberation of excess nutrients, typical of the human activity. The use of native plants, combined with the use of micro algae produces a bio-technological cultivation that through simple solar radiation, photosynthesis, fixed up to 80% greenhouse gases effect as Nitrogen, Dioxide Carbon and Phosphorus, in a 24 hour cycle. The result allows to obtain waters of great quality for hydroponic crops and their return to the natural environment. Symbiotic development of life.

For further information
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CLIMATE CHANGE AGAIN

11th International Biennial Landscape Barcelona

Barcelona September 2020
SCHOOL PRIZE

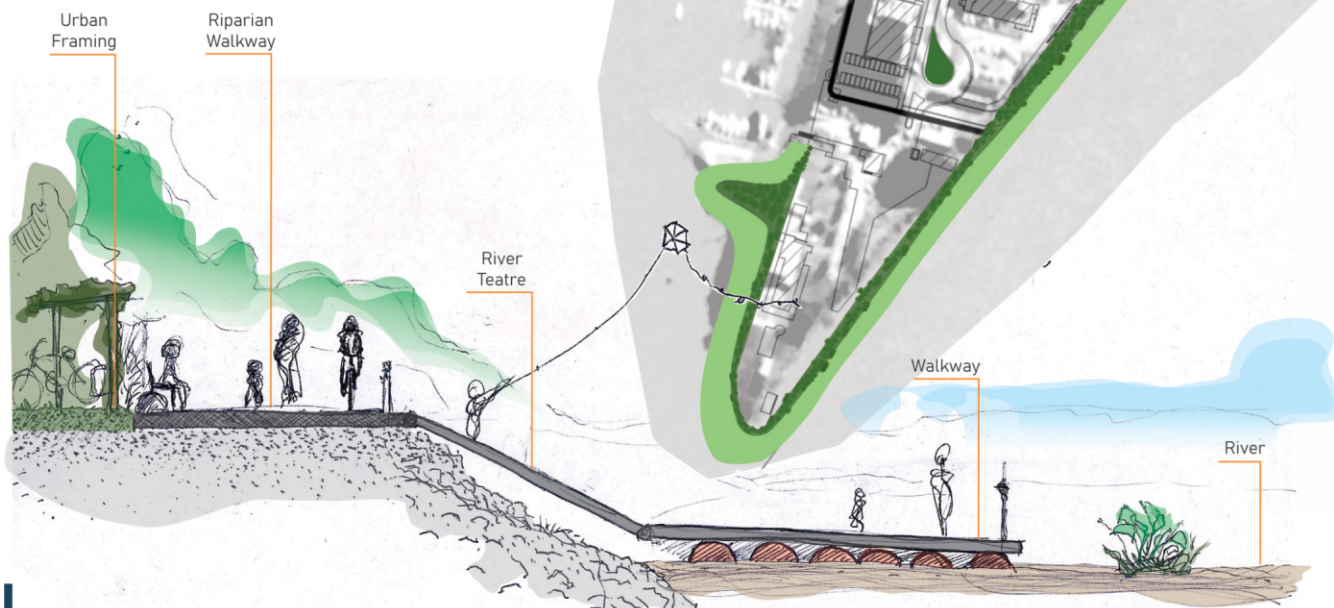


Projection of the Proposal - Dam 1 - City of Santa Fe

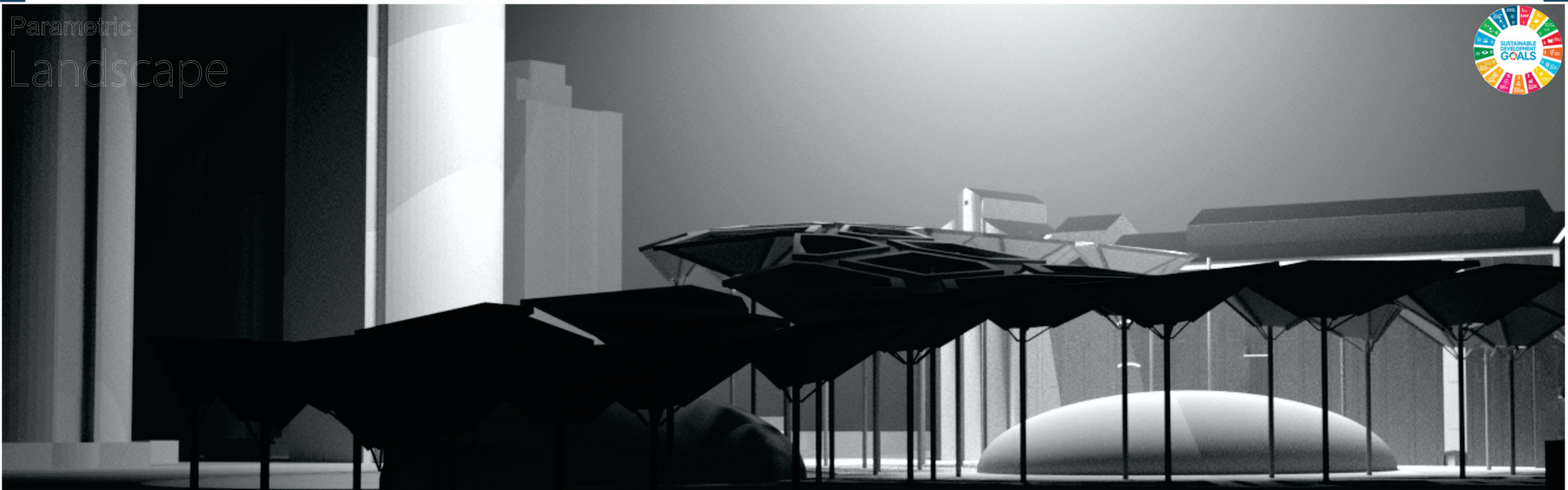
References:

- Recreational
- Residential
- Coastal regeneration
- Incorporation of Bike lanes
- Reduction of Greenhouse gases
- Urban Gardens / Micro-enterprises
- Coastal space Reforestation
- Incorporation low impact Floating structures
- Decreased Car use

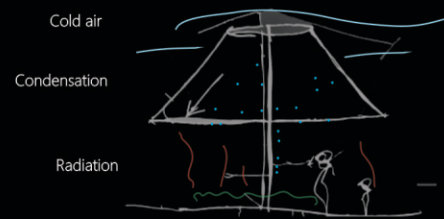
NATURAL AREAS OF RECREATION
Floating Walkways - New Shoreline



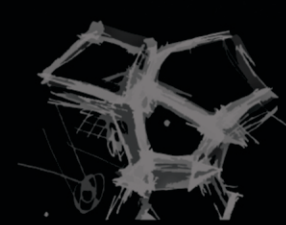
Parametric Landscape



Architectural Premise



Voronoi Diagram



Space Search

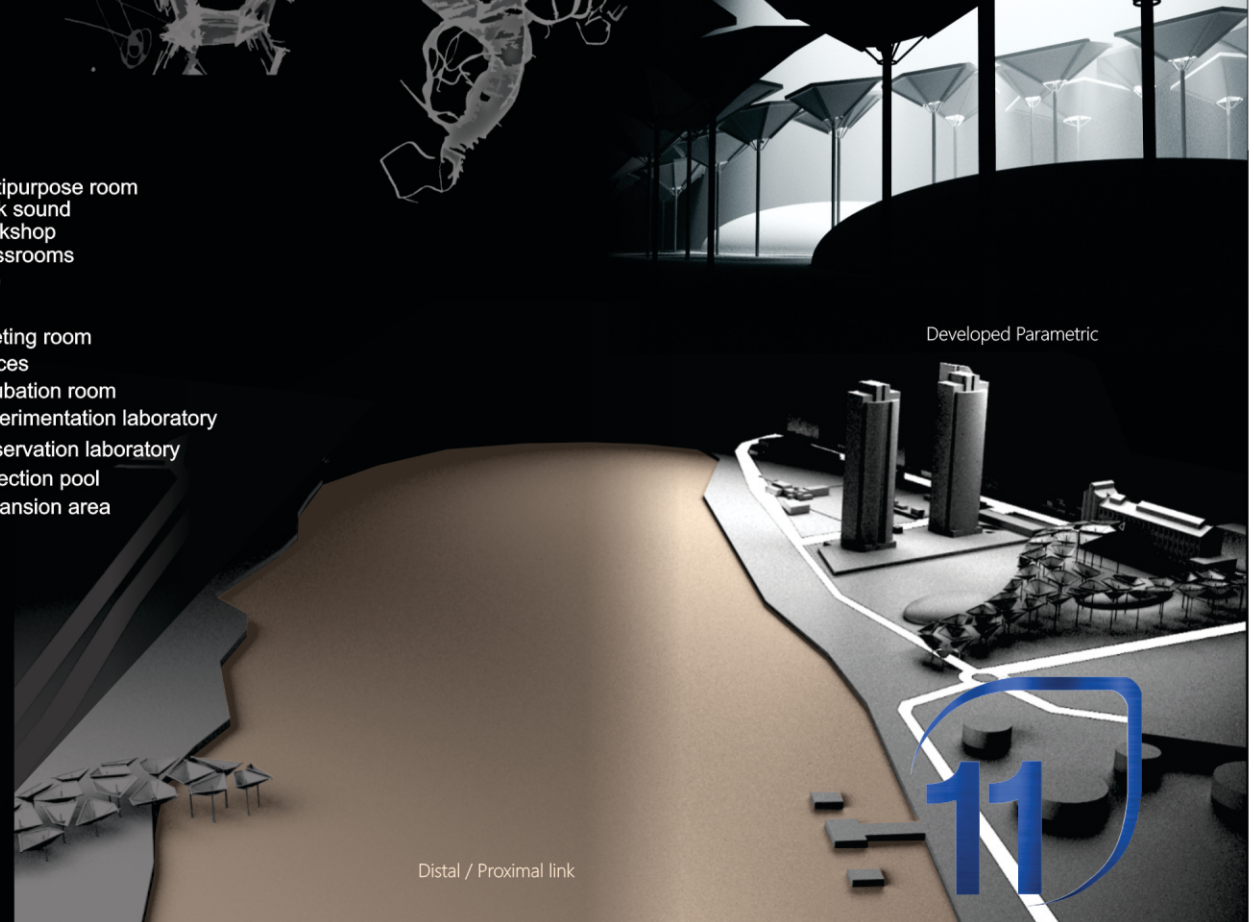


Developed Morphological



- 1
- a. Multipurpose room
- b. Lock sound
- c. Workshop
- d. Classrooms
- e. Pub
- 2
- a. Meeting room
- b. Offices
- c. Incubation room
- d. Experimentation laboratory
- e. Observation laboratory
- f. Collection pool
- g. Expansion area

Developed Parametric



Architectural Plant

Distal / Proximal link

Parametric Landscape

