



RIVER MAIPO BUIN COMMUNE

# BUIN-MAIPO RIVERBANK CONNECTION PARK

CASE: RIVER MAIPO  
SECTIONAL: BUIN COMMUNE

LANDSCAPE ARCHITECTURE

FACULTY OF ARCHITECTURE,  
URBANISM AND LANDSCAPE

Country / City SANTIAGO, CHILE

University / School CENTRAL UNIVERSITY OF CHILE

Academic year 2016-2017

Title of the project BUIN- MAIPO RIVERBANK CONNECTION PARK.

Authors MADELAINE ALEJANDRA OVALLE NAVARRO.







# PERFORMATIVE NATURE

Barcelona International Landscape Architecture Biennial

September 2018 **Barcelona**

SCHOOL PRIZE

X International Landscape Architecture Biennial

Máster d'Arquitectura del Paisatge -DUOT - UPC  
ETSAB- Escola Tècnica Superior  
d'Arquitectura de Barcelona  
Avenida Diagonal, 649 piso 5  
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## TECHNICAL DOSSIER

Title of the project **BUIN- MAIPO RIVERBANK CONNECTION PARK.**  
Authors **MADELAINE ALEJANDRA OVALLE NAVARRO.**  
Title of the course **TITLE.**  
Academic year **2016-2017**  
Teaching Staff **CRISTIAN FRÍAS**  
Department/Section/Program of belonging **LANDSCAPE ARCHITECTURE**  
University/School **CENTRAL UNIVERSITY OF CHILE**

Written statement, short description of the project in English, no more than 250 words

The Maipo River has great regional importance because it is one of the modelers of the landscape and waters the entire valley of Santiago, flowing into the Pacific Ocean. Despite this relevance for the región, the commune of Buin has left this space in abandonment.

Within the commune the growth of the population, generated the need to look for alternative routes for vehicular decongestion, and it is here when the coastal road has taken on importance, which has become an alternative route of exit and access to the commune. Although this space has become one of the most important connections within the commune, generating connection between the localities and towards the north and south of Chile, there is a deterioration of the riverside landscape, causing not only environmental but also social problems, due to the extraction of arid and micro-dumps.

Within this context we realize the lack of linkage of the Maipo river with the commune, that in spite of being this water resource that fed its agricultural roots, at present it is disconnected from the communal plot.

In this frame, The purpose of the project is to activate a connection, that articulates the localities of the commune generating a revaluation, recovery and integration of the riverbank, formalizing a space that favors the development of leisure activities as an opportunity for sustainable public space.

For further information

**Máster d'Arquitectura del Paisatge -DUOT - UPC**

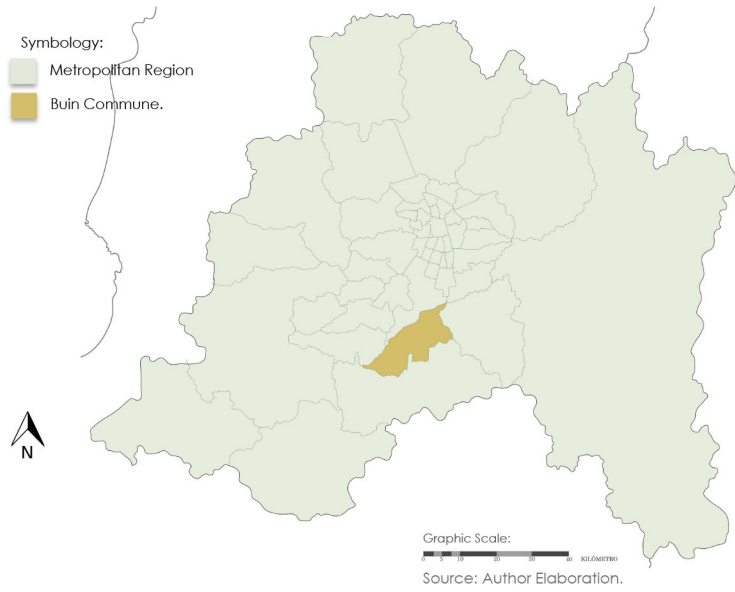
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Consult the web page <http://landscape.coac.net/>

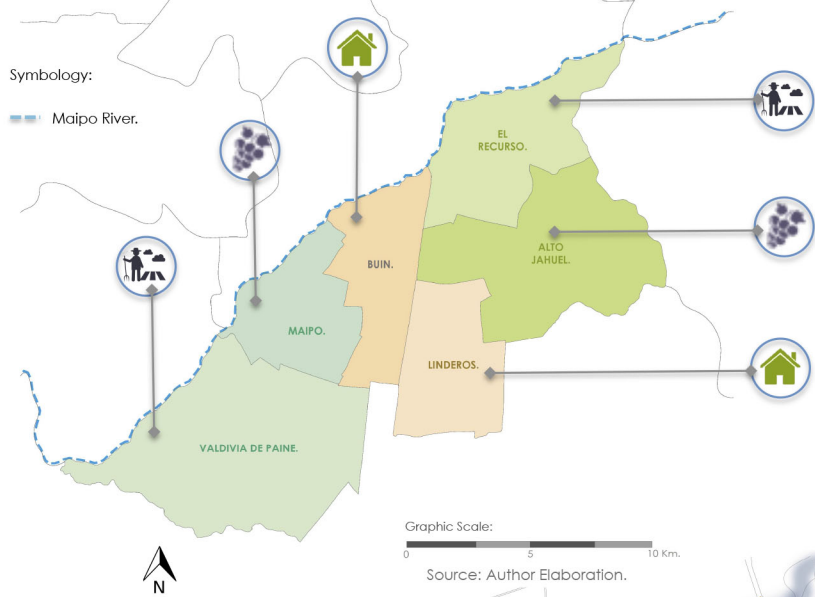


Country Chile, Metropolitan Region, Buin Commune.

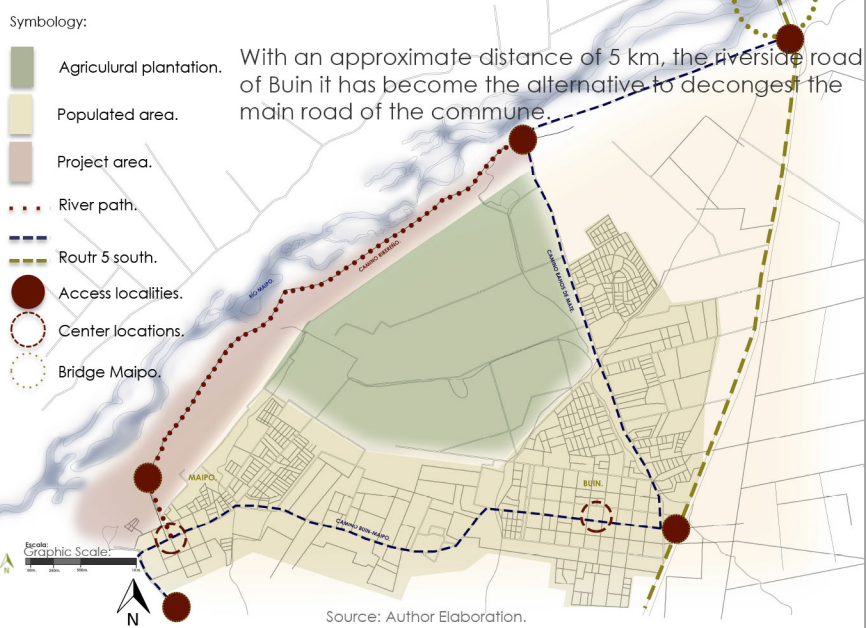


Buin Commune.

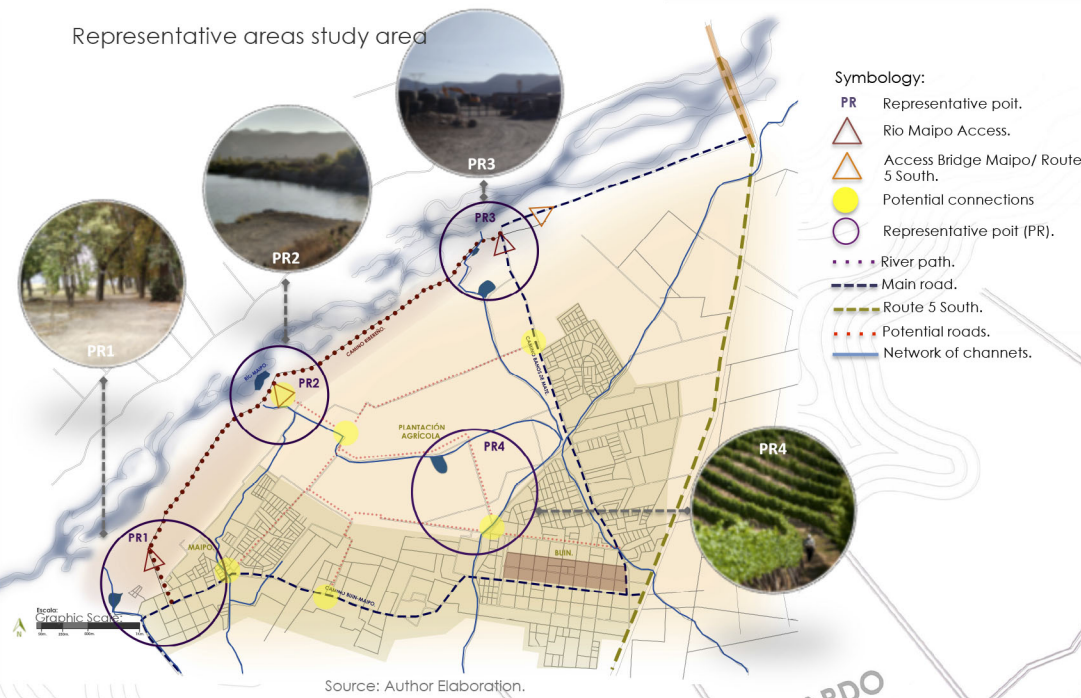
The study area is inserted in the hydrographic basin of Maipo River. It is located to the south of the Metropolitan Region, central area of Chile, in the section corresponding to the Buin commune. Ribera Maipo river.



Buin- Maipo Study Zone

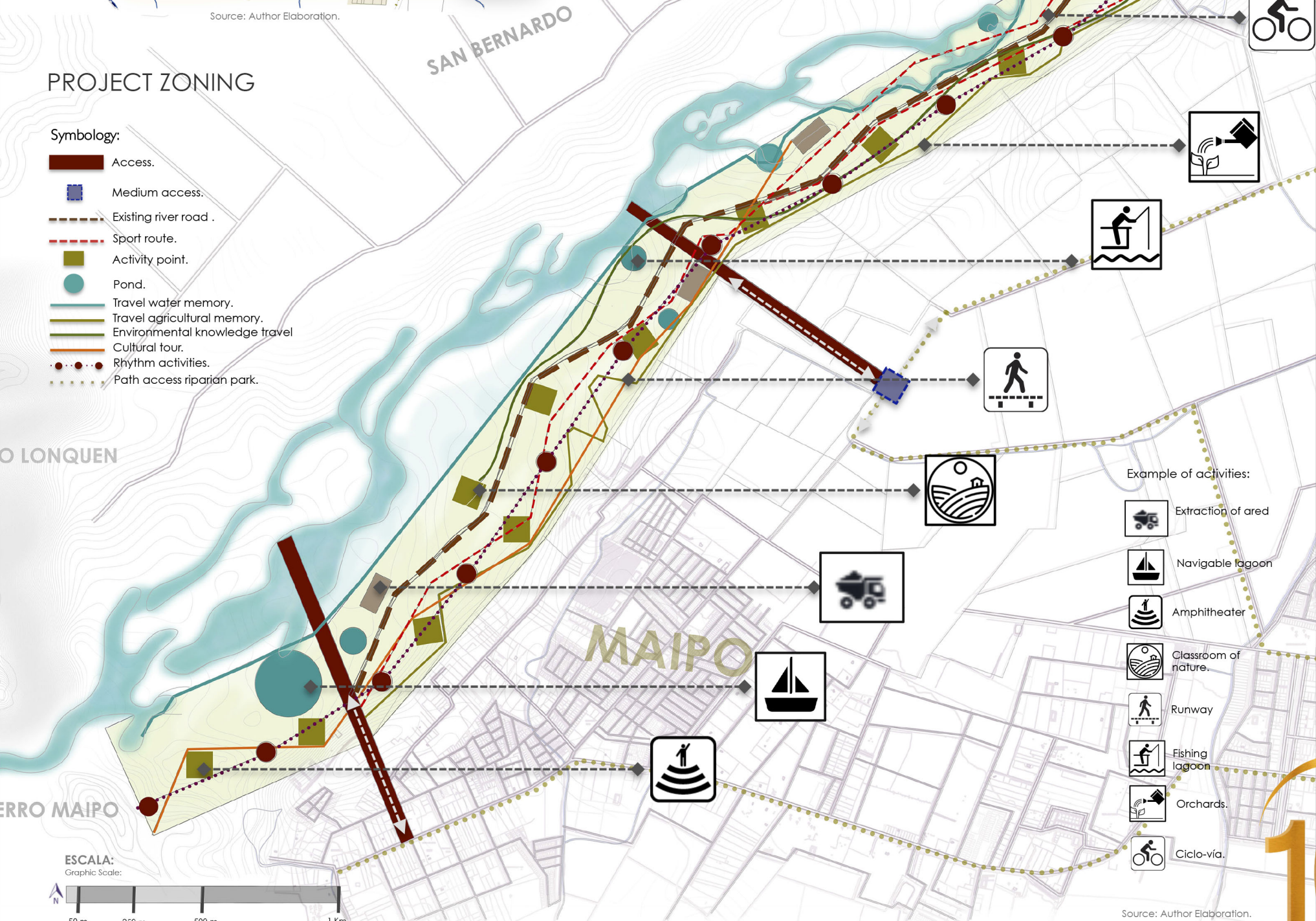


Representative areas study area



Within the localities of direct influence to the project area (Buin-Maipo) significant points area generated in the landscape. this area represents the various situations that occur along the route through the commune, giving a sample of their different productive activities and their tradition and identity.

PROJECT ZONING



Example of activities:

- Extraction of ared
- Navigable lagoon
- Amphitheater
- Classroom of nature.
- Runway
- Fishing lagoon
- Orchards.
- Ciclo-via.

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SCHOOL LANDSCAPE ARCHITECTURE

CONTENT:

CONTEXTUALIZATION.

STUDENT:

Madelaine A. Ovalle Navarro.

TEACHER:

Cristián Frías.





SECTIONAL 1  
NAVIGABLE LAGOON.



GENERAL PLANT

Integration and recovery project of the Maipo river bank.  
Buin commune section.



The selection of notable project development, is give by the importance of this point of connection with the community of Buin, besides being part of the collective of an old point of recreational convocation.

SYMBOLY:

- ① NAVIGABLE LAGOON.
- ② DOCK.
- ③ FISHING LAGOON.
- ④ BIKEWAY.
- ⑤ RUNWAY.
- ⑥ SEATING AREA.
- ⑦ LEARNING POINT.
- ⑧ ORCHARDS.
- ⑨ FARM SCHOOL.
- ⑩ CLASSROOM OF NATURE.
- ⑪ LEARNING CIRCUIT.
- ⑫ AMPHITHEATER.
- ⑬ EXTRACTION OF ARID.
- ⑭ MULTIPURPOSE COURTS.
- ⑮ MOTOCROSS TRACK.
- CE SCHEAMATIC CUT.

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SCHOOL  
LANDSCAPE  
ARCHITECTURE

CONTENT:  
PROJECT

STUDENT:  
Madelaine A.  
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TEACHER:  
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Frías.

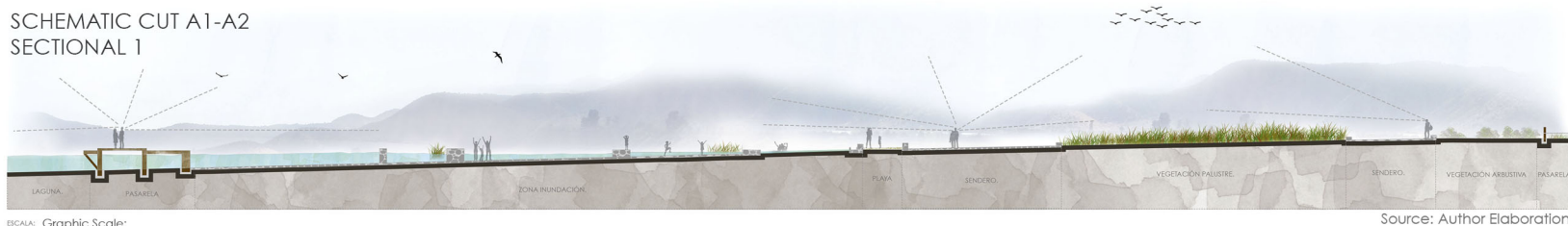


INDEPENDENCIA - PLURALISMO - COMPROMISO





SCHEMATIC CUT A1-A2 SECTIONAL 1



Source: Author Elaboration.

SCHEMATIC CUT B1-B2 SECTIONAL 1



Source: Author Elaboration.

SCHEMATIC CUT C1-C2 SECTIONAL 1



Source: Author Elaboration.

OBJESTIVE IMAGE



DETAIL BIKEWAY DC2

Source: Author Elaboration.

DETAIL FLOOD TERRACE DC3

Source: Author Elaboration.



Source: Author Elaboration.

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IMAGE

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Source: Author Elaboration.

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