

Please provide a 250-word text explaining the selection criteria used to choose the five projects representing the school in the Ribas Piera Prize. Detail the aspects evaluated, such as conceptual quality, innovation, thematic relevance, technical resolution, or any other criteria considered in the selection process with a single image, characteristic of the academic process, to accompany the text.

Our projects exemplify regenerative and ecological-responsive design in the Global South, assessed through active learning methodologies, sustainability competencies, and community engagement. Accordingly, In the Mallorquín Swamp, "*El Bioma*" reconnects community and nature, transforming a degraded territory into a resilient landscape where water, life, and urban memory intertwine. In this context, "*At the Edge of the Swamp*" reimagines the swamp as a Caribbean symbol, restoring nature and reconnecting community through memory and care. "*Water Memories*" aside, is a green lung that restores an untouched area with preexisting wetlands, where Calamar's resilient community reconnects and protects its town from climate change. Finally, "*Rehabilitating the Riverbanks*" intervenes two bodies of water neglected by urban planning and the local communities, reimagined as socio-ecological axis that fosters nature-rich urban living.





Country/City	Colombia, Barranquilla
University / School	Universidad del Norte / Escuela de Arquitectura, Urbanismo y Diseño EAUD
Academic year	.2023
Title of the project	At the edge of the swamp - Recovery and integration of the La Playa community
Authors	Diana Tinoco, Luis Mendéz y Jeison Brochero





Title of the project	At the edge of the swamp - Recovery and integration of the La Playa community
Authors	Diana Tinoco, Luis Mendéz y Jeison Brochero
Title of the course	Taller Ciudad I: Espacio publico y Diseño urbano
Academic year	2023
Teaching Staff	Arch. Carlos Bueno Rivero
Department / Section / Program of belonging Departamento de Arquitectura y Urbanismo	
University / School	Universidad del Norte / Escuela de Arquitectura, Urbanismo y Diseño EAUD

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

The Mallorquín Swamp is a RAMSAR coastal wetland located in Barranquilla. Colombia. This valuable ecosystem faces continuous degradation of its mangrove habitat. It is estimated that the marsh has lost 371 Ha since 1985. Consequently, the loss of vegetation has disrupted ecological balance, biodiversity, and worsened flooding, affecting the community and local urban dynamics. The project combines three strategies: ecological restoration, green infrastructure, and public space. Ecological restoration focuses on the reforestation of native red, black, white, and buttonwood mangroves: *Rhizophora mangle, Avicennia germinans, Laguncularia racemosa*, and *Conocarpus erectus*, respectively. These species stabilize soil, reduce flood impacts, and provide habitat for wildlife. Green infrastructure includes the integration of rain and flood gardens to manage stormwater runoff, mitigate the effects of climate change, and improve urban environmental quality. Finally, an elevated wooden boardwalk (a key element of the project) allows public access, connecting the wetland with the La Playa community providing spaces for contemplation, passive recreation, and social interaction. Beyond restoration, the project aims to reconnect the community with its territory by involving residents in a mangrove planting campaign, encouraging a reflective and educational relationship with the wetland while fostering a culture of environmental care and participation.

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LANDSCAPE UNIT STRATEGIES

RESTFUL ENVIRONMENT



Environment designed to provide a space for the rest of the people who are transiting.

CONTEMPLATIVE ENVIRONMENT



MEETING ENVIRONMENT



CONNECTION ENVIRONMENT





①Heliconias are pollinated ② The cocoplum is often by birds rather than insects. The vibrant hues of the bracts attract birds, which feed on the nectar

produced by the flower. This genus protects water resources.

They are crucial for reforestation processes.

SECTION DETAIL FLOOD GARDEN

birds.

③Bulrush with planted to stabilize beach their dense stem edges and prevent erosion. system provide excellent shelter for It is habitat for numerous herons, tinguas and species of insects, reptiles, other wetland birds. birds and mammals, to

which it provides shelter, It is frequently used food and protection. in environmental restoration and As an isolated shrub it wastewater provides cover for nesting treatment.

that the flora implemented to populate the flood gardens would serve to control the flooding in a natural way and also provide an ecological benefit. To encourage the arrival of local fauna, such as birds.

It was sought

Red Crab Plaz

Country/City	Colombia / Barranquilla
University / School	Universidad del Norte / Escuela de Arquitectura, Urbanismo y Diseño EAUD
Academic year	2023
Title of the project	Ecological corridor El Bioma: Restoring the swamp through ecological design
Authors	Arturo Andrés Morales Castillo

Title of the project	Ecological corridor El Bioma: Restoring the swamp through ecological design
Authors	Arturo Andrés Morales Castillo
Title of the course	Taller de Ciudad I: Espacio público y diseño urbano
Academic year	2023
Teaching Staff	Arq. Carlos Bueno
Department / Section / Program of belonging Departamento de Arquitectura y Urbanismo	
University / School	Universidad del Norte / Escuela de Arquitectura, Urbanismo y Diseño EAUD

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

The Mallorquín Swamp, a Ramsar site located in Barranquilla Colombia, faces several ecological challenges. Between 1980 and 2010, this wetland lost over 43% of its area caused by self-built housing, mangrove deforestation and natural sedimentation due to a 2,300-meter-long breakwater built in the 1930s. These factors led to ecosystem degradation, coastal erosion, and recurrent flooding that still affects La Playa community. Despite the challenges, this wetland remains ecologically valuable and is now part of Barranquilla's official green structure. Building on this framework, the project "El Bioma" is envisioned as an ecological corridor formed by a 5.176m2 platform integrated with nature-based solutions, creating a resilient transition between urban fabric and natural ecosystems. The platform is designed as a wooden palafitic structure to reduce urban risk while enabling human-nonhuman interactions. It features community spaces such as urban theater, bike paths, and passive recreation areas, alongside public facilities for environmental education and monitoring. The proposed nature-based solutions seek to boost resilience and provide coastal protection through mangrove reforestation with native red, white, and black species, the integration of SuDS for rainwater management, and green swales. Fundamentally, the project addresses environmental degradation by restoring the ecosystem and integrating spaces that link community and landscape through education, public access, and ecological dynamics.

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REHABILITATING THE RIVERBANKS

PROPOSING NEW EDGES TO RESTORE THE CITY-RIVER CONNECTION.

Throughout history, the development of humanity has been intrinsically linked to bodies of water; the first vestiges of civilization emerged around rivers, streams, lagoons, creeks and seas. Even now, the city we have built cannot separate itself from the water, and the rivers fight for the life of their banks that is not compatible with the concrete that is imposed on it. The caribbean region of Colombia has an extensive hydrographic network that allows an even more extense diversity of life. And as we still want to co-exist with it this is a study case suggesting some changes that need happen first.

Conceptual visualization of the riverbank intervention. Visualization location in map.

Country/City	Barranquilla, Atlantico, Colombia.
University / School	Universidad del Norte / Escuela de Arquitectura, Urbanismo y Diseño EAUD
Academic year	.2025
Title of the project	Rehabilitating the Riverbanks: Proposing new edges to restore the city-river connection.
Authors	Ángela Freyle Sanjuanelo; Arianne Manotas Domenech.

Title of the project	Rehabilitating the Riverbanks: Proposing new edges to restore the city-river connection.
Authors	Ángela Freyle Sanjuanelo; Arianne Manotas Domenech.
Title of the course	Proyecto de grado I & II
Academic year	2025
Teaching Staff	PhD. Claudia Lucía Rojas Bernal.
Department / Section / Program of belonging Departamento de Arquitectura y Urbanismo.	
University / School	Universidad del Norte / Escuela de Arquitectura, Urbanismo y Diseño EAUD.

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

"Rehabilitating the Riverbanks" is a research-by-design project that addresses the conflictive relationship between human settlements and rivers in the Colombia's Caribbean region, focusing on the San Antonio stream in Sabanalarga and the Manzanares River in Santa Marta. Despite their different scales— the former is ~2 kilometers long and the latter 18 kilometers—both face issues like unplanned urban growth, encroachment, biodiversity loss, and pollution, intensified by climate change. Communities along these rivers are vulnerable to flooding, lack of infrastructure, and disconnection from urban areas.

The research uses comparative analysis and mapping to understand socioeconomic and environmental vulnerabilities, integrating historical data, urban forms, landscape features, and community insights. The project proposes landscape strategies that blend nature-based solutions with urban acupuncture to restore and redefine the urban-river transition. It also includes new housing designs responsive to the landscape. Ultimately, the project aims to elevate water's ecological, social, and cultural value through restoration, reconnection, and spatial transformation.

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Country/City	Barranquilla, Atlántico, Colombia
University / School	Universidad del Norte / Escuela de Arquitectura, Urbanismo y Diseño EAUD
Academic year	2024
Title of the project	Water Memories - Ecosystem and environmental restoration in Calamar, Bolívar
Authors	Alejandro José Díaz Vence

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Authors	Alejandro José Díaz Vence
Title of the course	Taller de Ciudad I: Diseño Urbano y Espacio Público
Academic year	2024
Teaching Staff	Arch. Martha Castilla Riasco
Department / Section / Program of belonging Departamento de Arquitectura y Urbanismo	
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University / School	Universidad del Norte / Escuela de Arquitectura, Urbanismo y Diseño EAUD

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

Suan, Santa Lucía, and Calamar are three towns located at the confluence of the Magdalena River and the Canal del Dique, in the Colombian Caribbean region. These three municipalities face common challenges related to flooding caused by rainfall, river overflows, and poor land use, among other factors. The original landscape in the area—a mosaic of wetlands and tropical forests—has been replaced by agro-industrial activities, monocultures, and barren land. In addition, there is a deficit of public/ green spaces, economic opportunities, and social facilities in these municipalities. "Water Memories" is a public space designed to serve the community of Calamar as an Ecosystem Reintegrator, grounded in ecological trails and environmental culture. It proposes the creation of a Floodable Wetland Ecopark in an untouched green zone prone to flooding due to rainfall and pre-existing wetlands. The project seeks to restore ecosystems related to water resources, rehabilitate soil and water quality, provide green spaces to reconnect with nature and foster social interaction, and contribute to increasing the public/green space per inhabitant in the municipality. To achieve all of this, approximately 36,000 m² were designed for the intervention, through designated areas for wetland treatment, the planting of various phytoremediation species, SUDS like rain gardens (and others), and the definition of environmental development axes set to establish the activities that the community will be able to carry out.

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