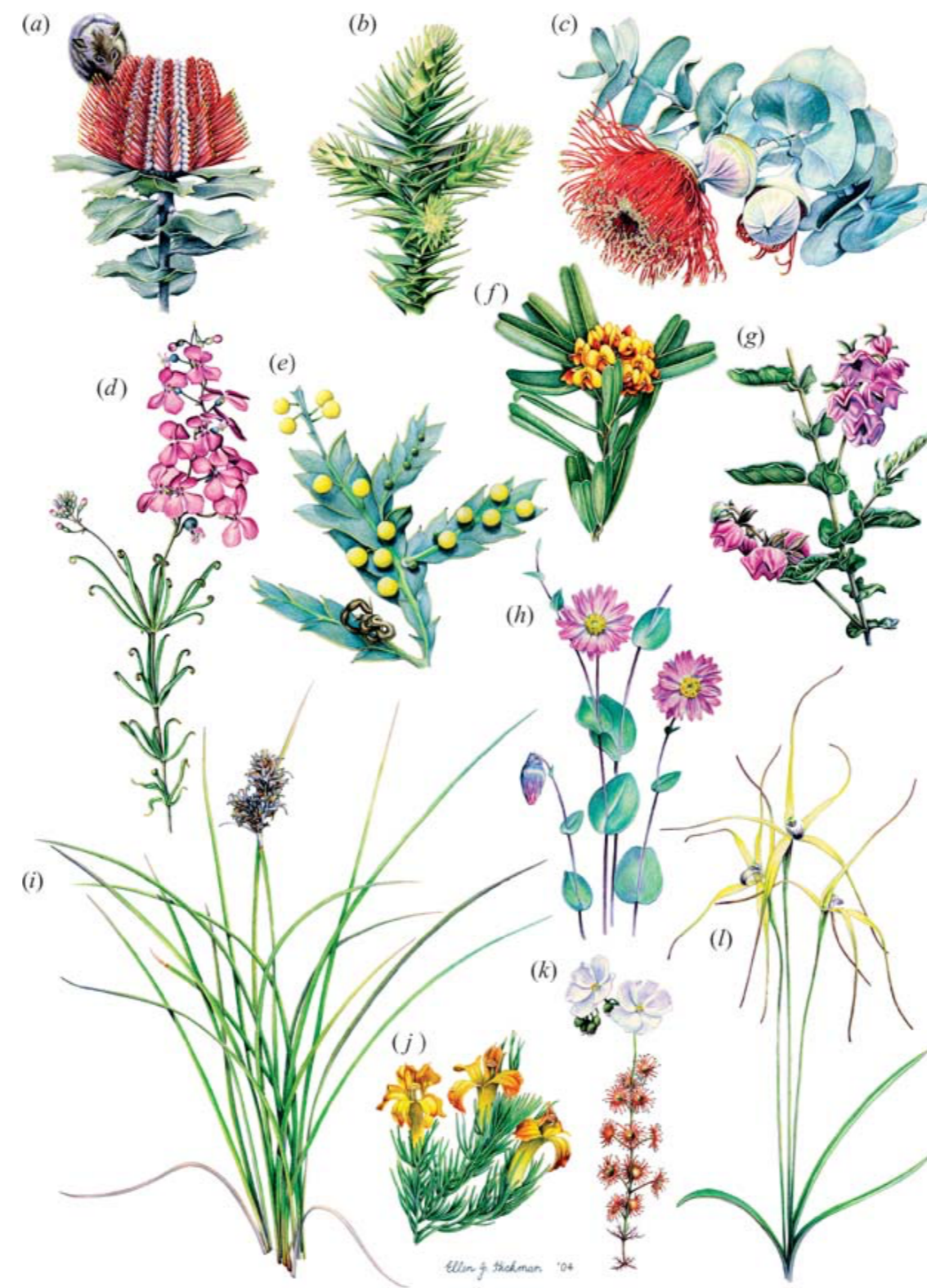
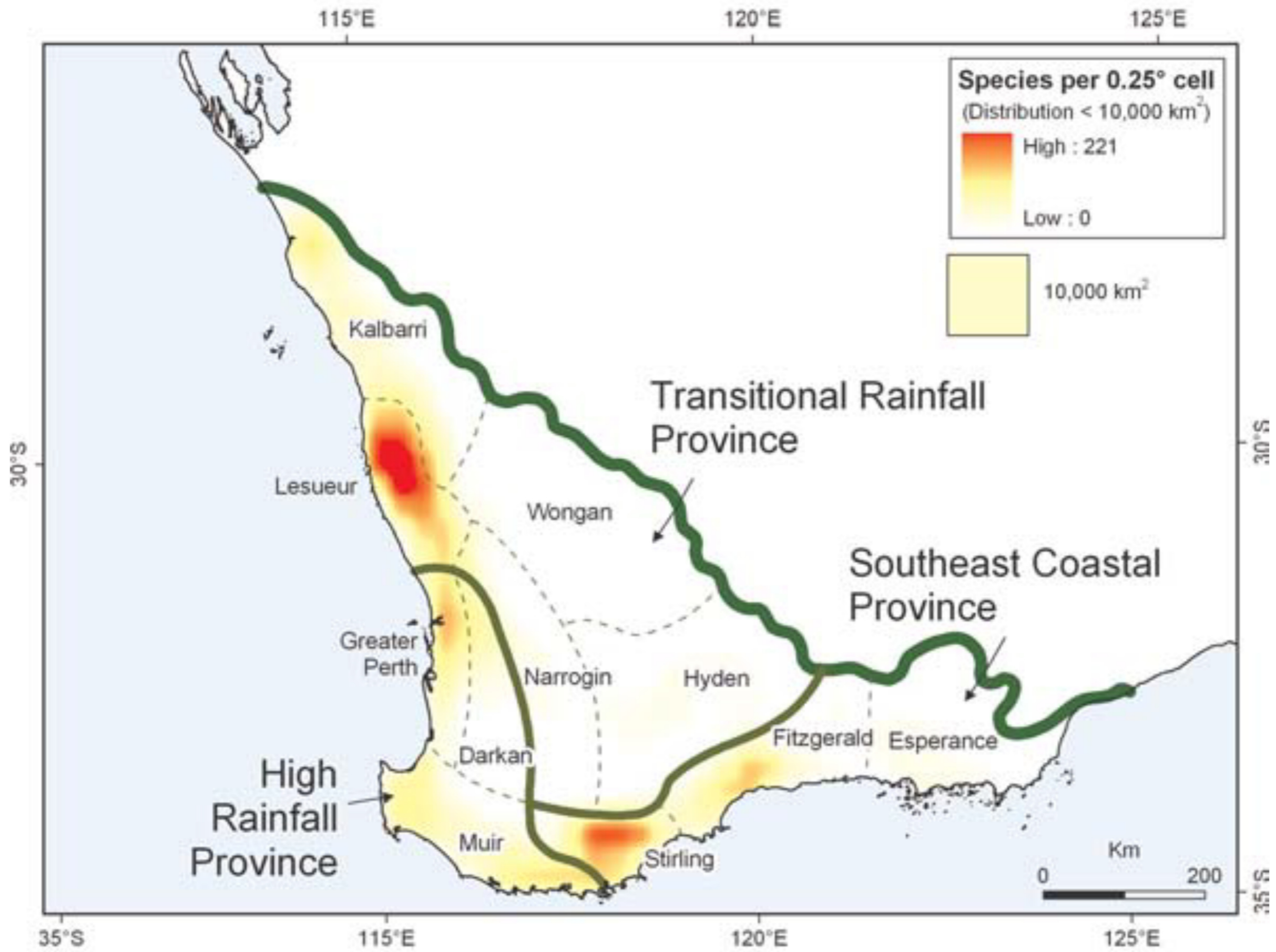


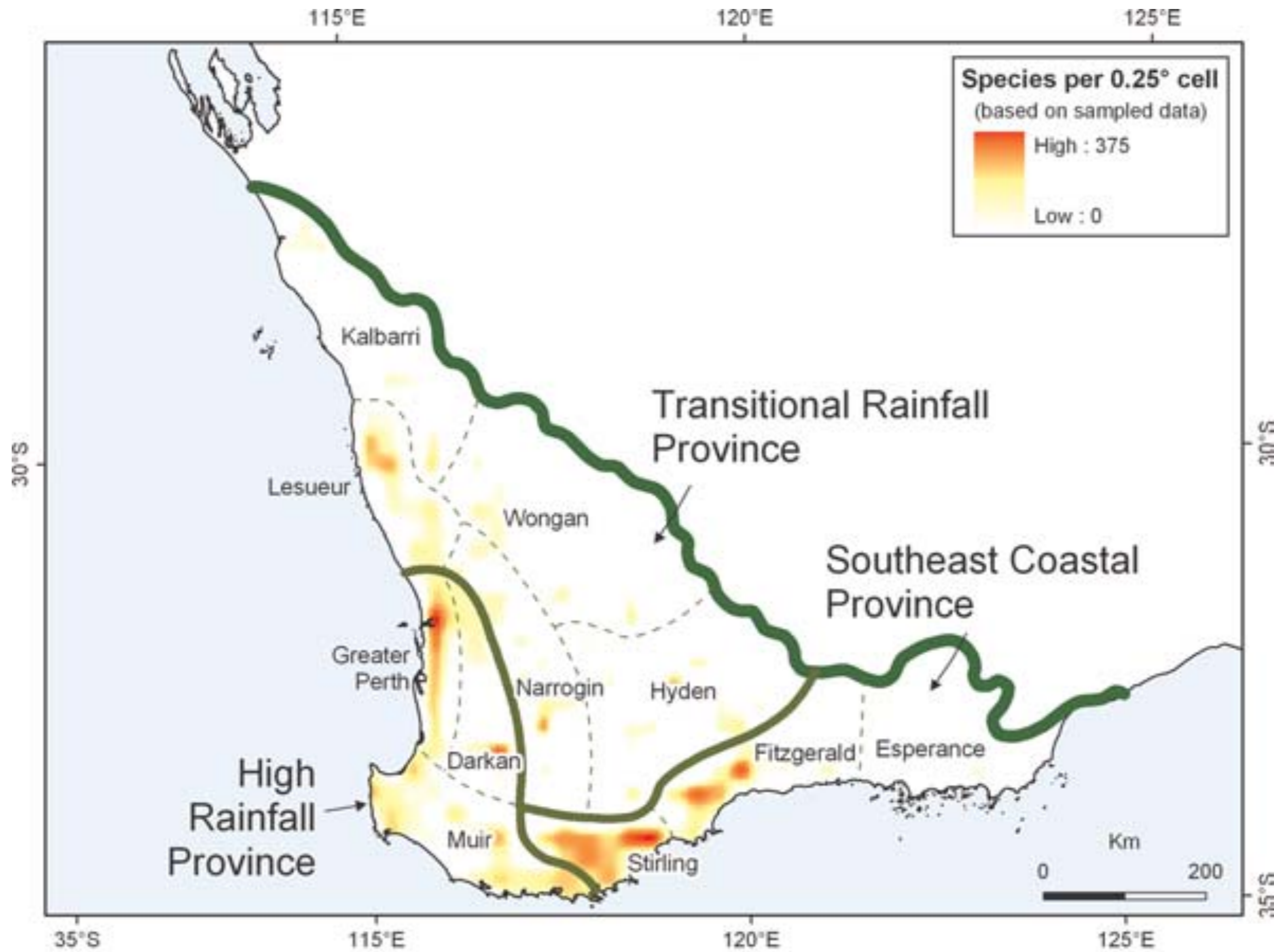
GBSW + MKSEA
Daniel Jan Martin



7,380 native floral species in Southwest Australia
49% of these are endemic
2,500 of conservation concern



Floral species endemism



Floral species richness

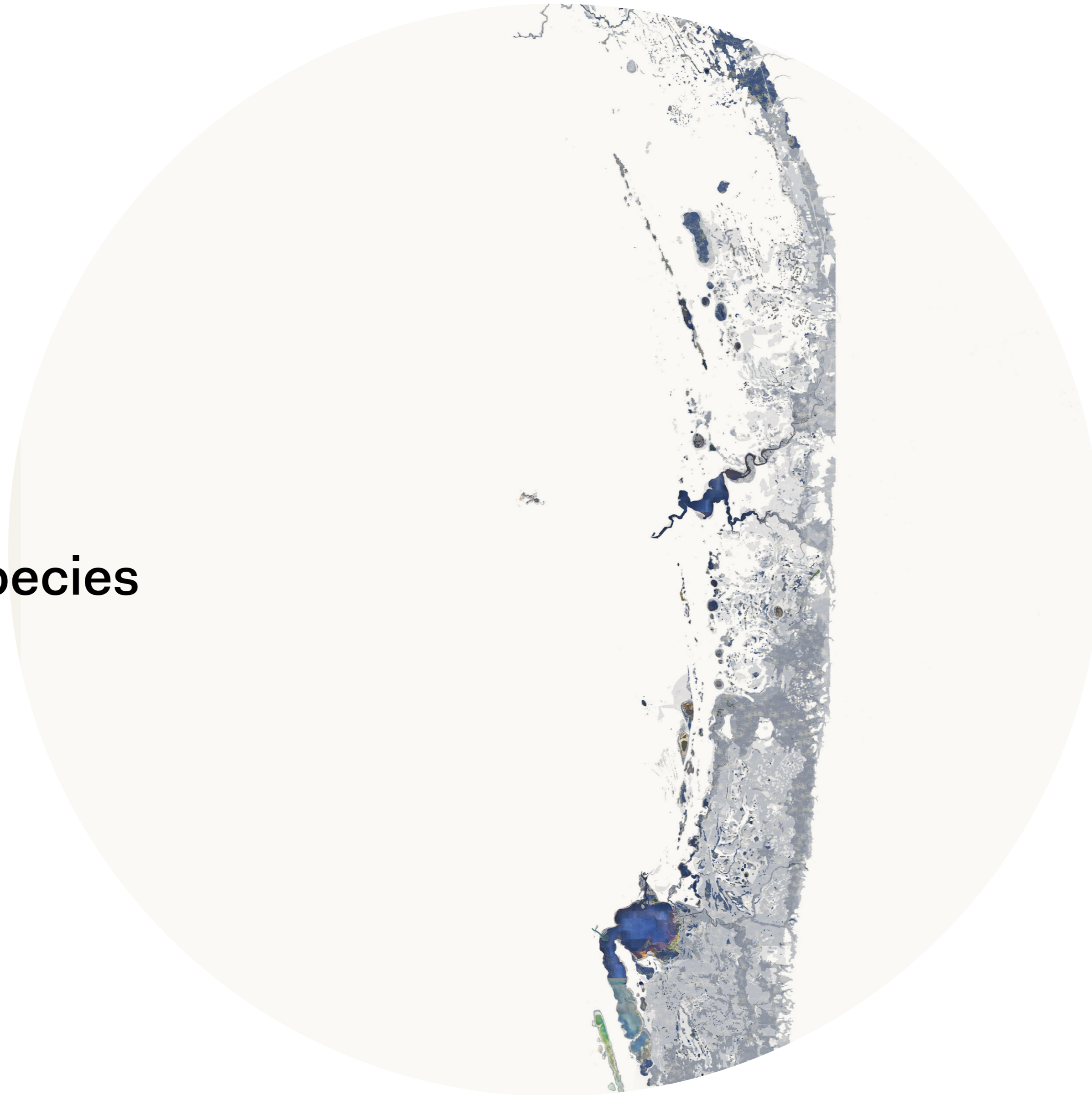
1,826 floral species

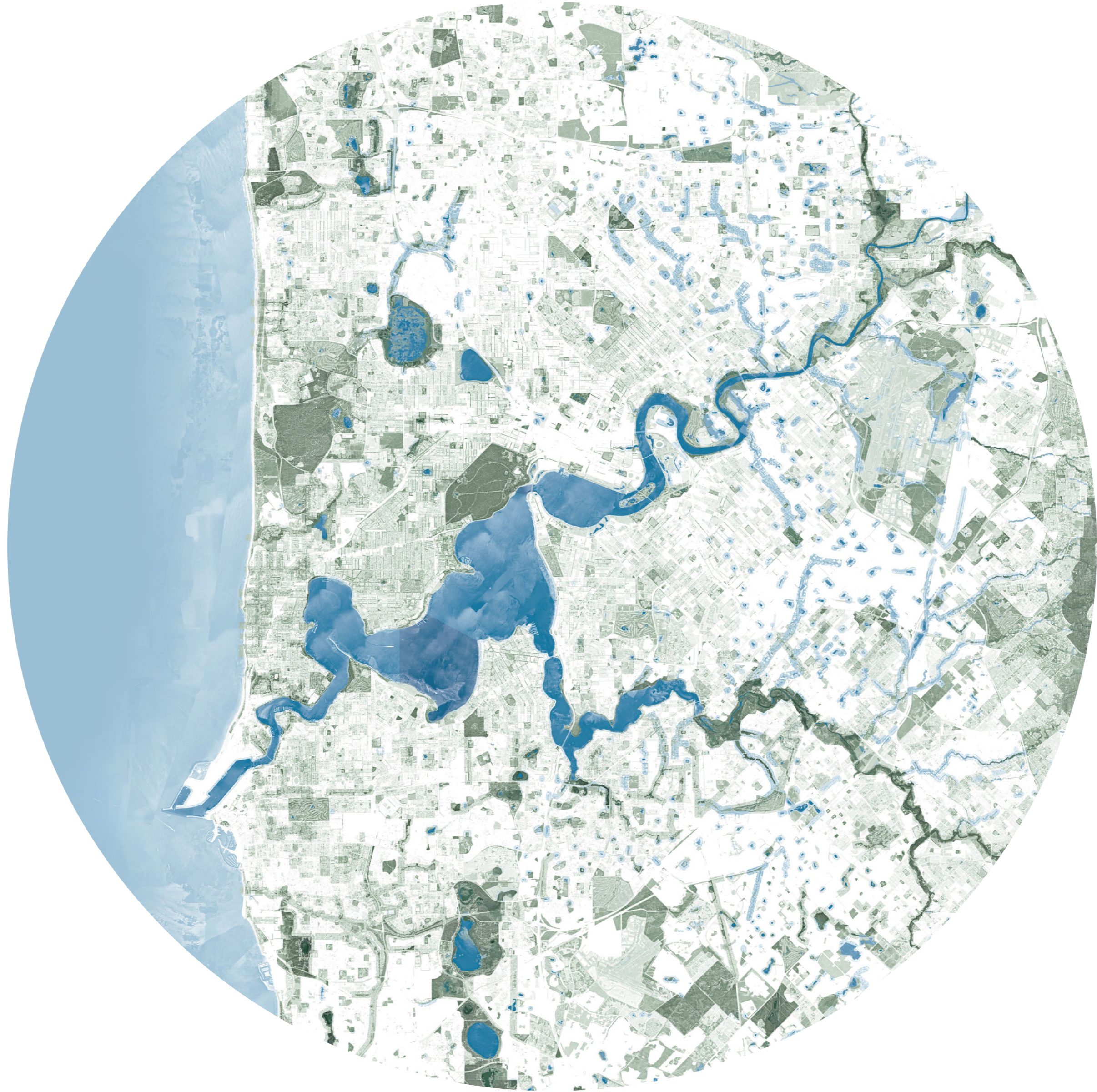


1,826 floral species

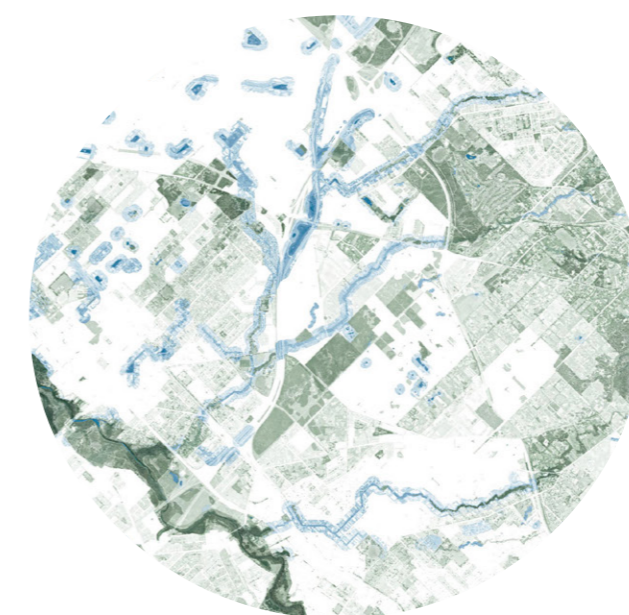


1,826 floral species



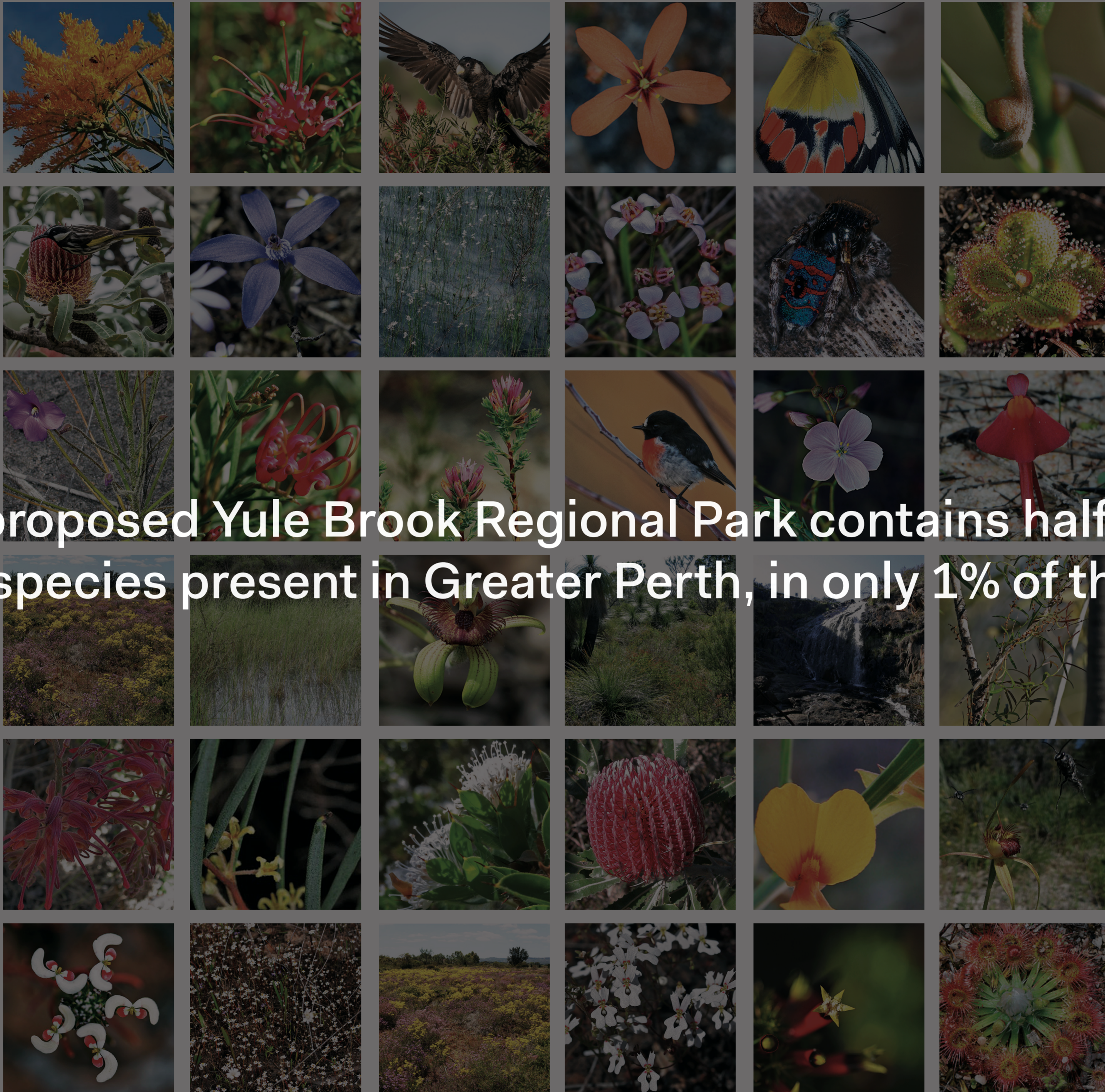


847 floral species



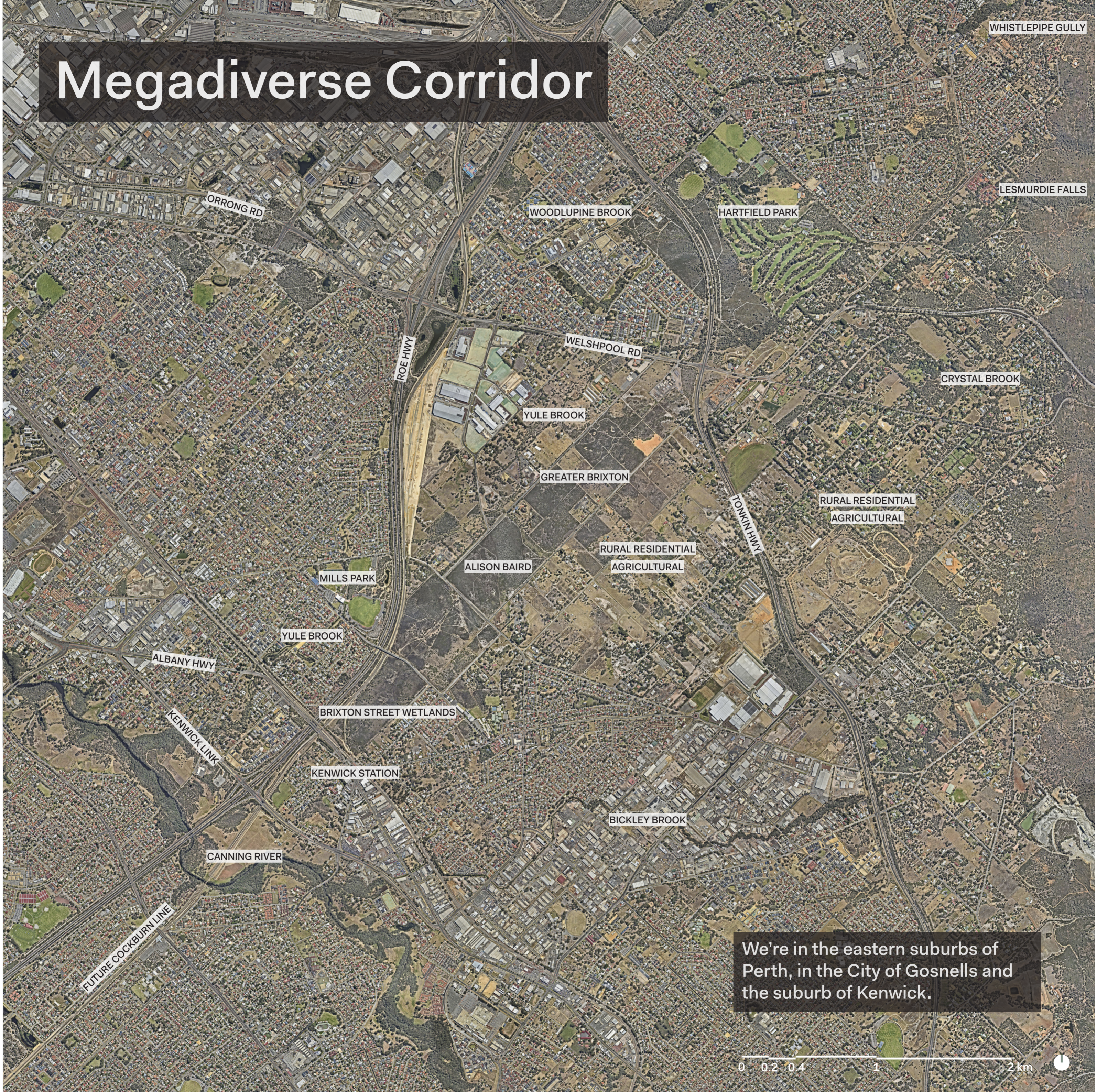


Thank you to a range of photographers credited in Hans Lambers (ed) *A Jewel in the Crown of a Global Biodiversity Hotspot* 2019



The proposed Yule Brook Regional Park contains half of the floral species present in Greater Perth, in only 1% of the area.

Megadiverse Corridor



WHISTLEPIPE GULLY

LESMURDIE FALLS

ORRONG RD

WOODLUPINE BROOK

HARTFIELD PARK

ROE HWY

WELSHPOOL RD

CRYSTAL BROOK

YULE BROOK

GREATER BRIXTON

RURAL RESIDENTIAL
AGRICULTURAL

TONKIN HWY

MILLS PARK

ALISON BAIRD

RURAL RESIDENTIAL
AGRICULTURAL

YULE BROOK

ALBANY HWY

BRIXTON STREET WETLANDS

KENWICK LINK

KENWICK STATION

BICKLEY BROOK

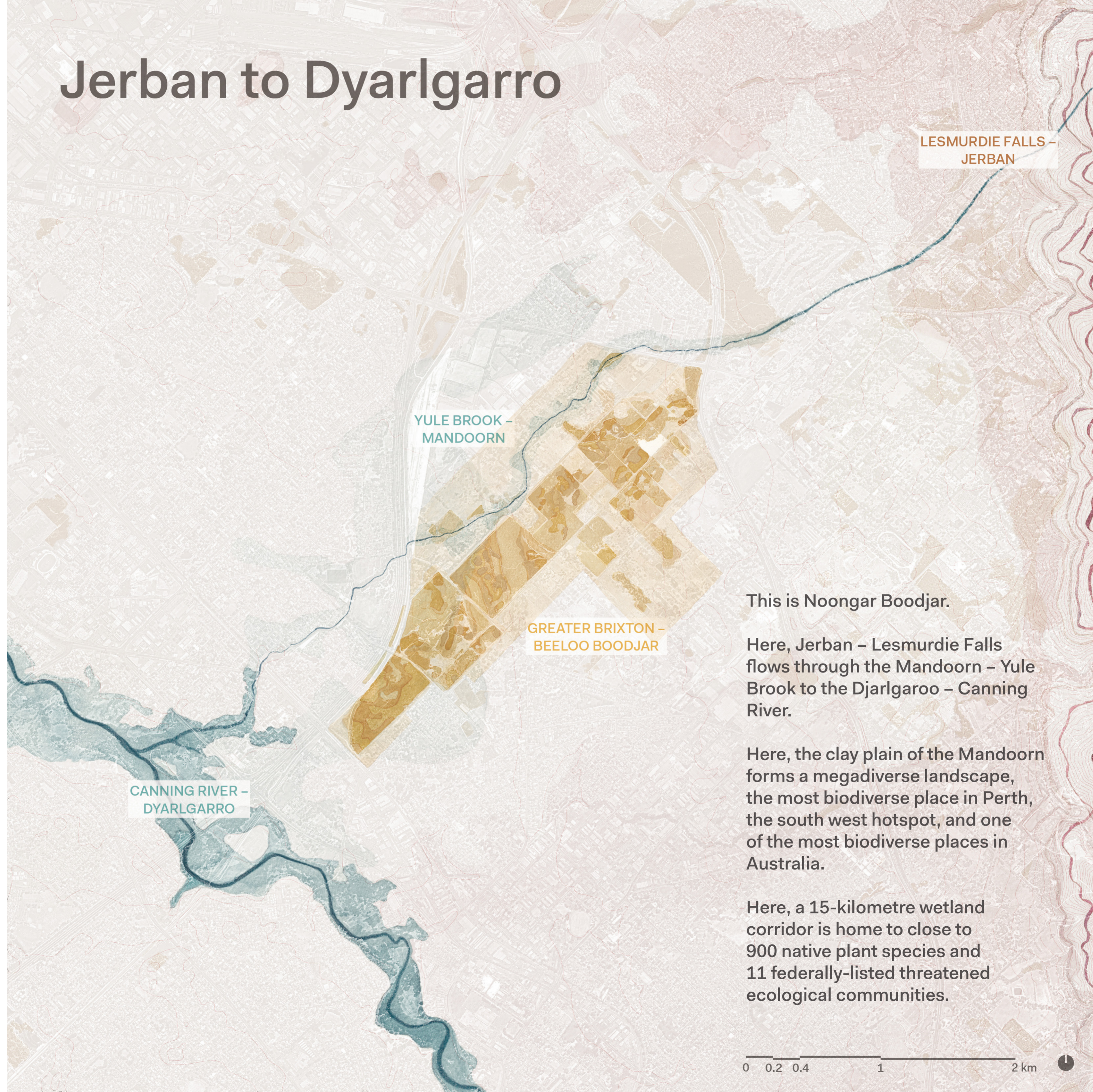
CANNING RIVER

FUTURE COCKBURN LINE

We're in the eastern suburbs of Perth, in the City of Gosnells and the suburb of Kenwick.

0 0.2 0.4 1 2 km

Jerban to Djarlgarro



LESMURDIE FALLS -
JERBAN

YULE BROOK -
MANDOORN

GREATER BRIXTON -
BEELOO BOODJAR

CANNING RIVER -
DYARLGARRO

This is Noongar Boodjar.

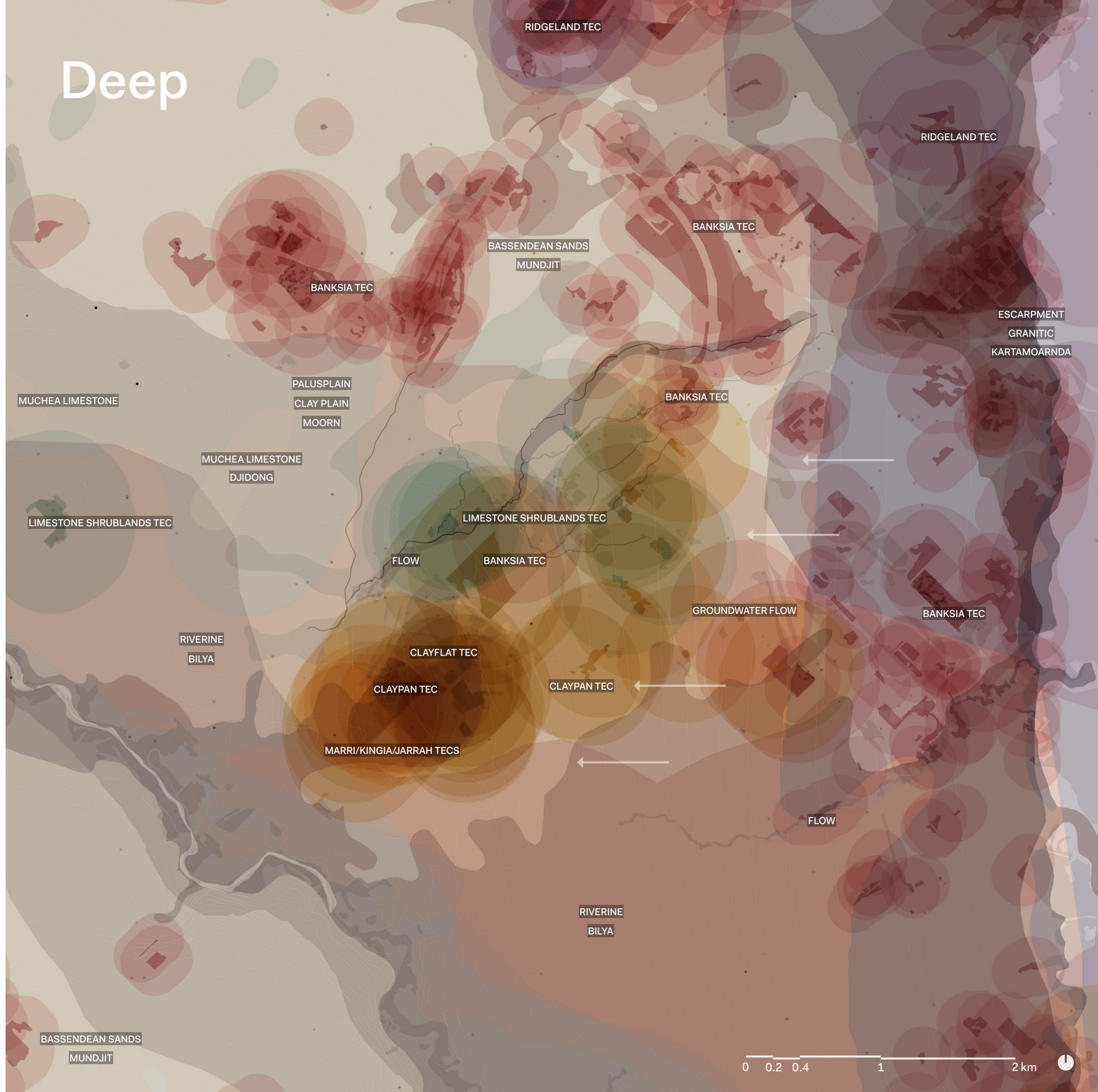
Here, Jerban – Lesmurdie Falls flows through the Mandoorn – Yule Brook to the Djarlgarro – Canning River.

Here, the clay plain of the Mandoorn forms a megadiverse landscape, the most biodiverse place in Perth, the south west hotspot, and one of the most biodiverse places in Australia.

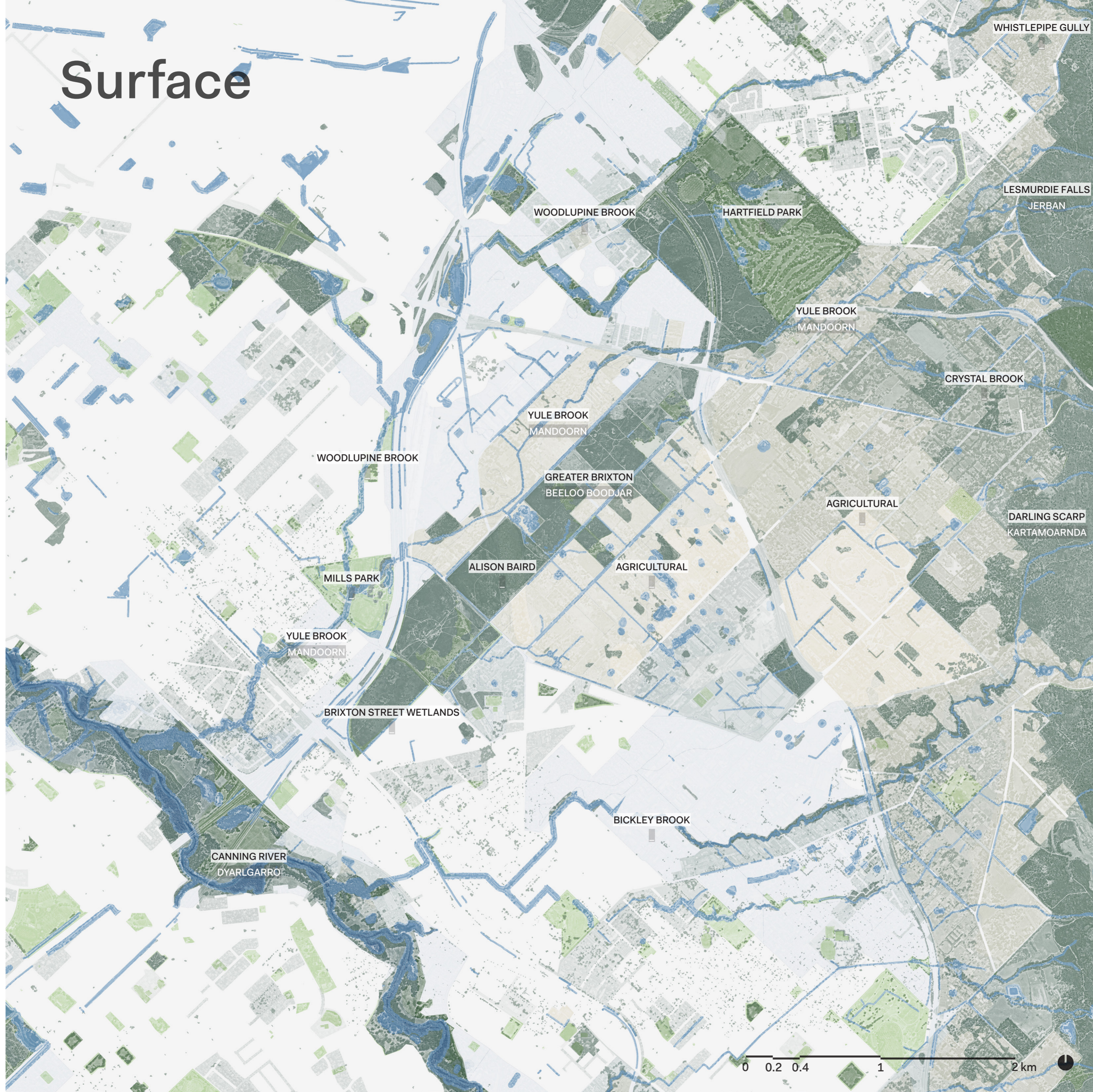
Here, a 15-kilometre wetland corridor is home to close to 900 native plant species and 11 federally-listed threatened ecological communities.



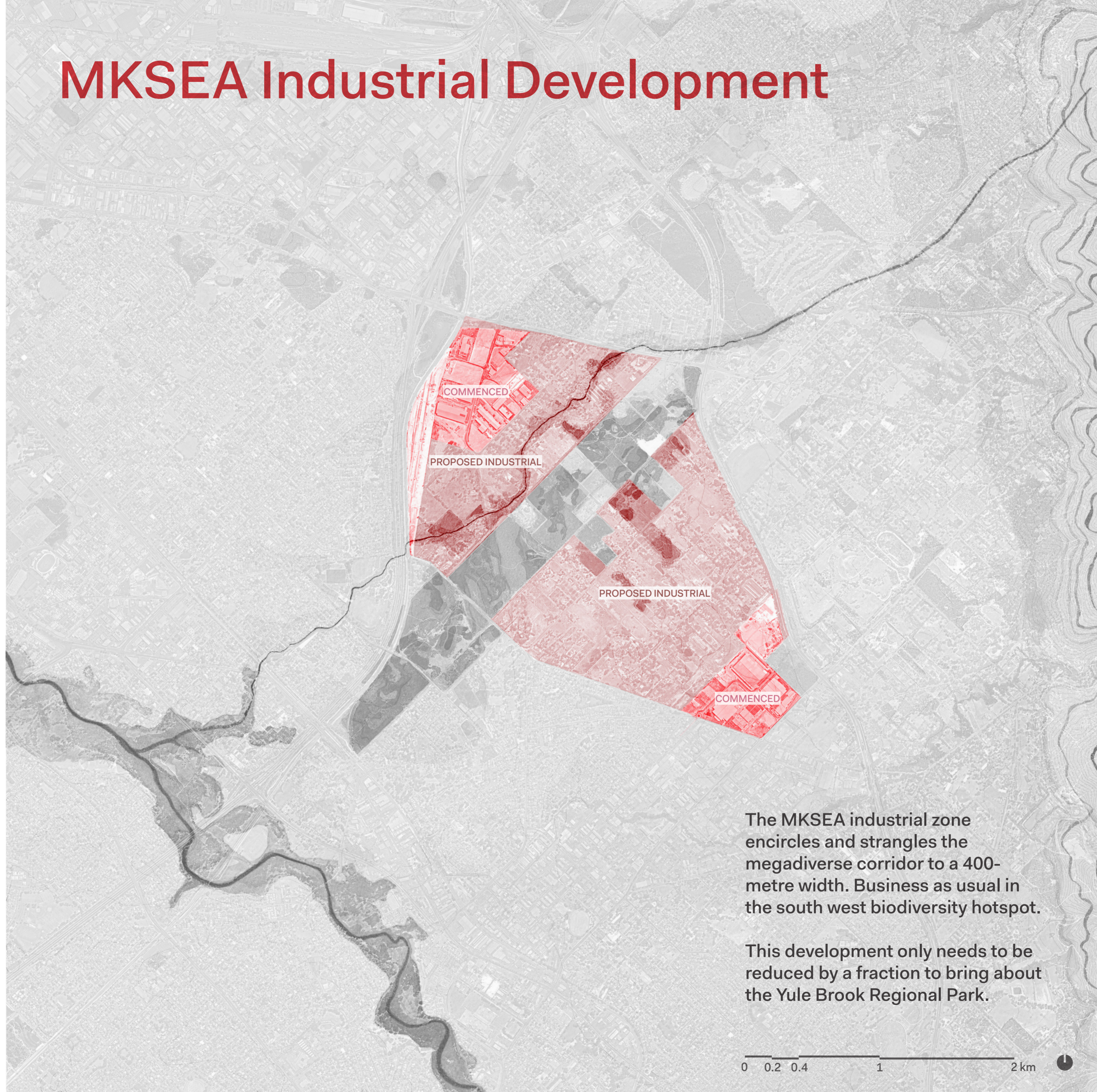
Deep



Surface



MKSEA Industrial Development



The MKSEA industrial zone encircles and strangles the megadiverse corridor to a 400-metre width. Business as usual in the south west biodiversity hotspot.

This development only needs to be reduced by a fraction to bring about the Yule Brook Regional Park.

New Yule Brook Regional Park

WHISTLEPIPE GULLY

LESMURDIE FALLS

HARTFIELD PARK

'FALLS TO FLOODPLAIN'

YULE BROOK

GREATER BRIXTON STREET WETLANDS

MILLS PARK

CANNING RIVER

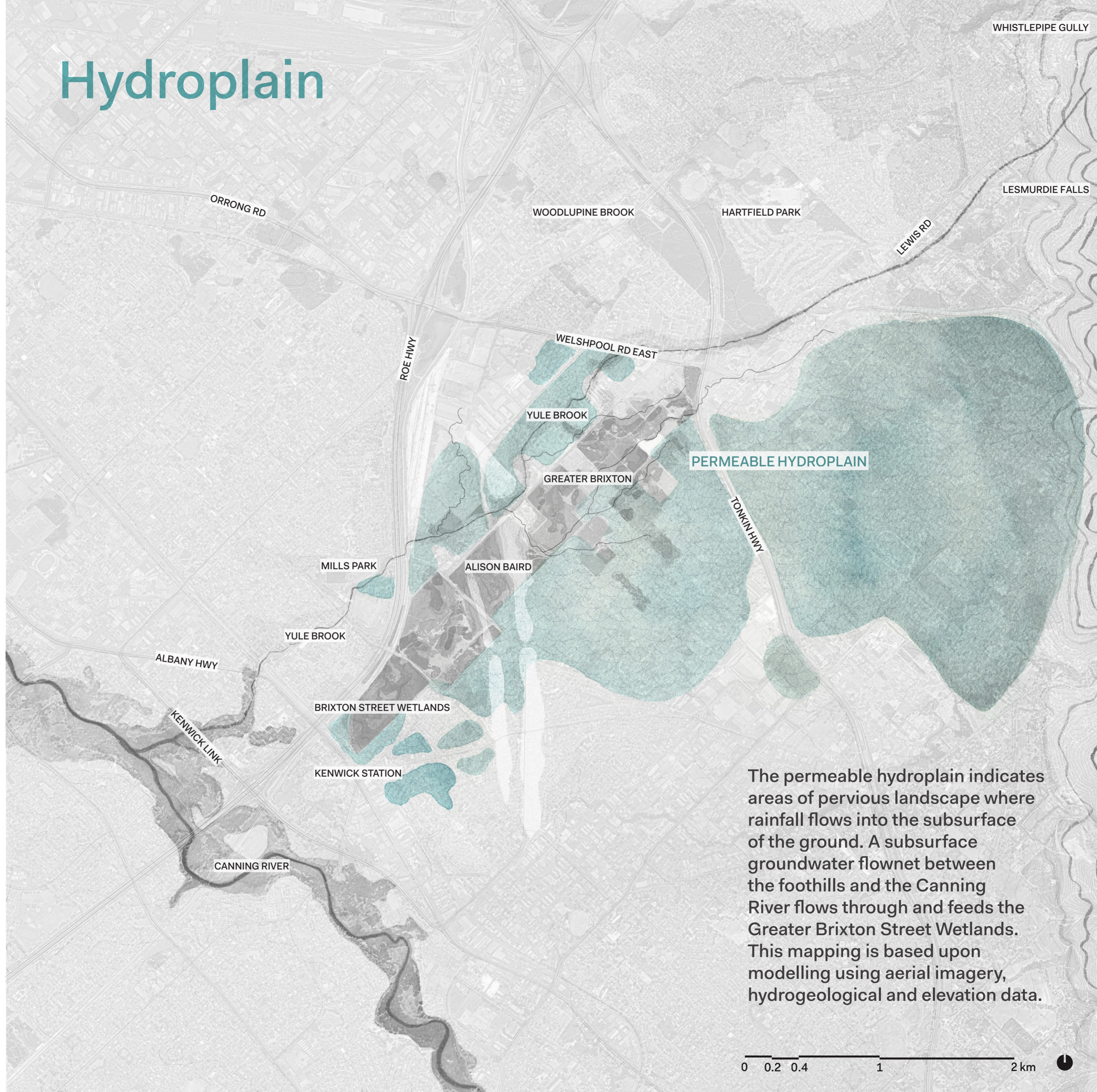
The community, along with scientists and The Beeliar Group of professors have long been advocating for a new Yule Brook Regional Park, to protect this biodiversity for future generations.

An active buffer of ecosystems, parks, and a restored landscapes, to ensure this wetland corridor will continue to breathe.

0 0.2 0.4 1 2 km

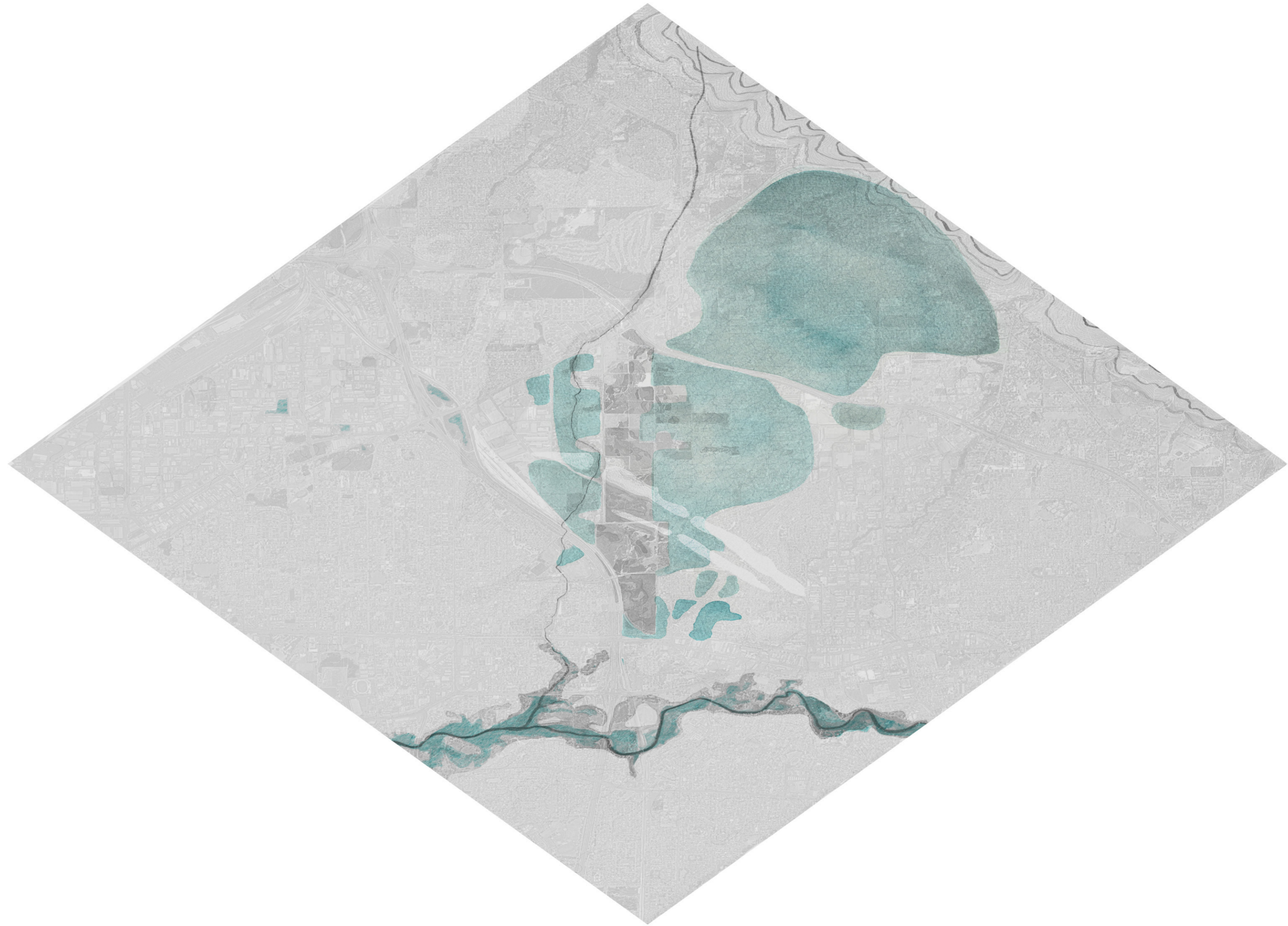


Hydroplain



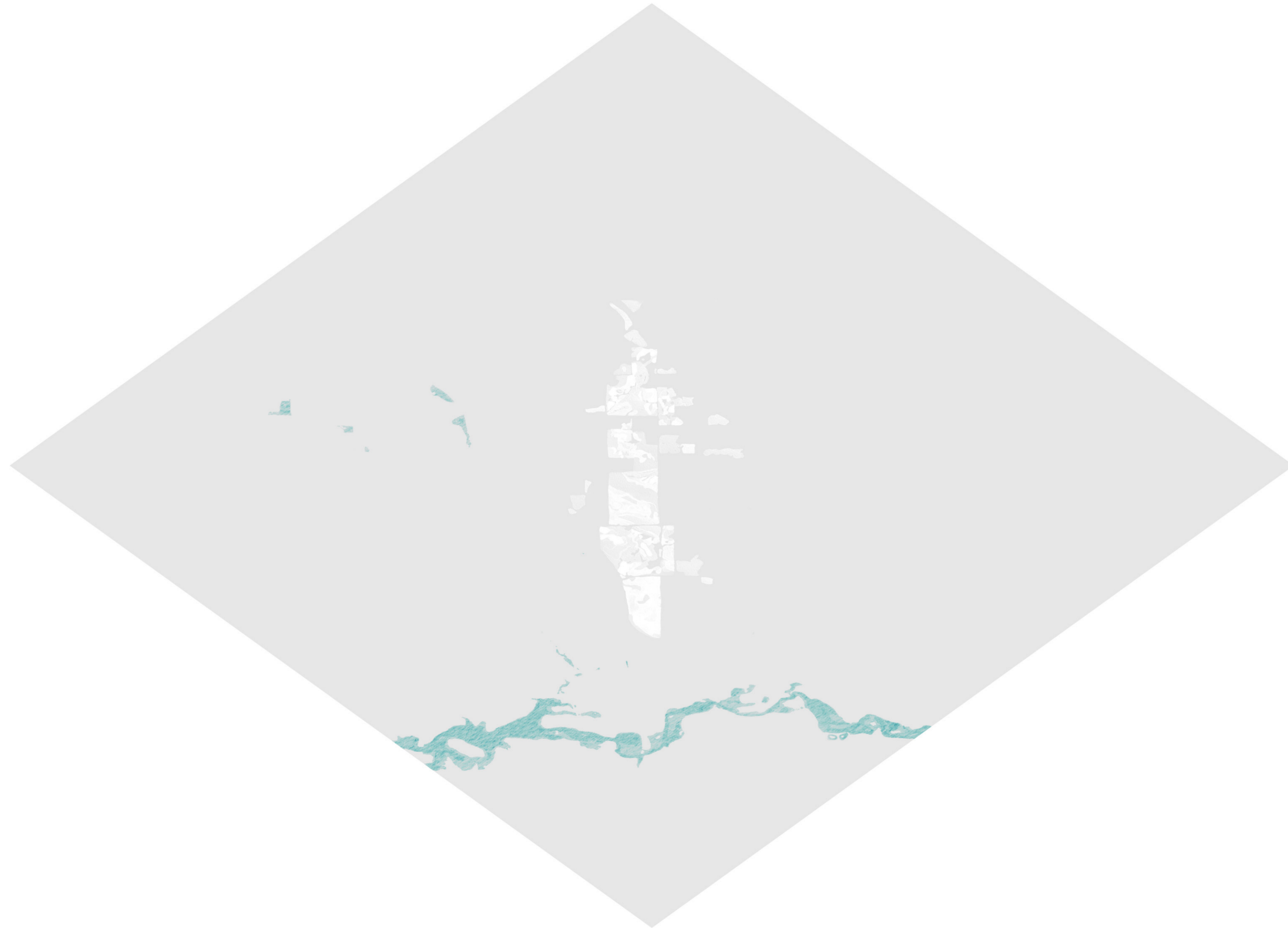
The permeable hydroplain indicates areas of pervious landscape where rainfall flows into the subsurface of the ground. A subsurface groundwater flownet between the foothills and the Canning River flows through and feeds the Greater Brixton Street Wetlands. This mapping is based upon modelling using aerial imagery, hydrogeological and elevation data.

Hydroplain

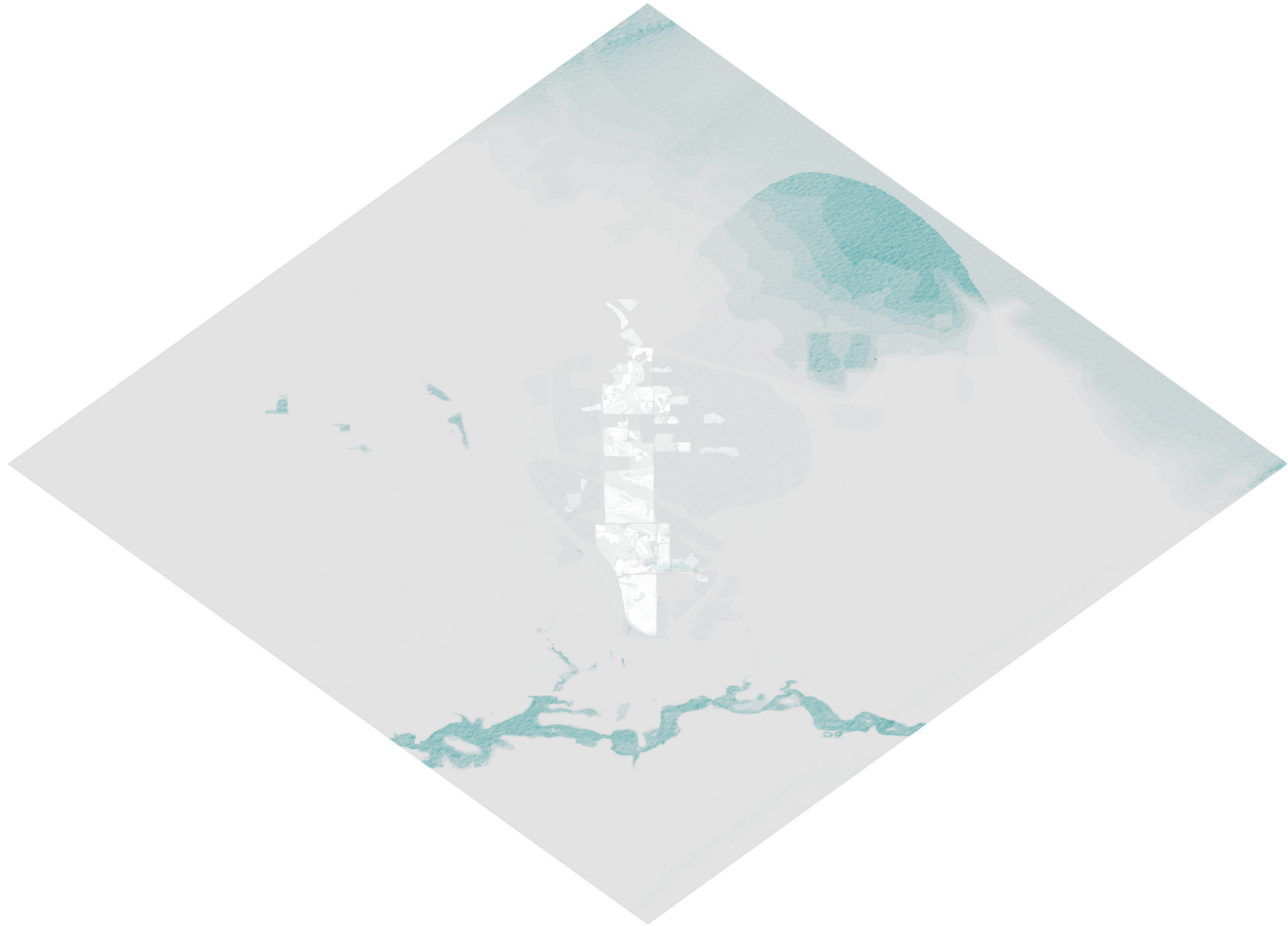


Hydroplain

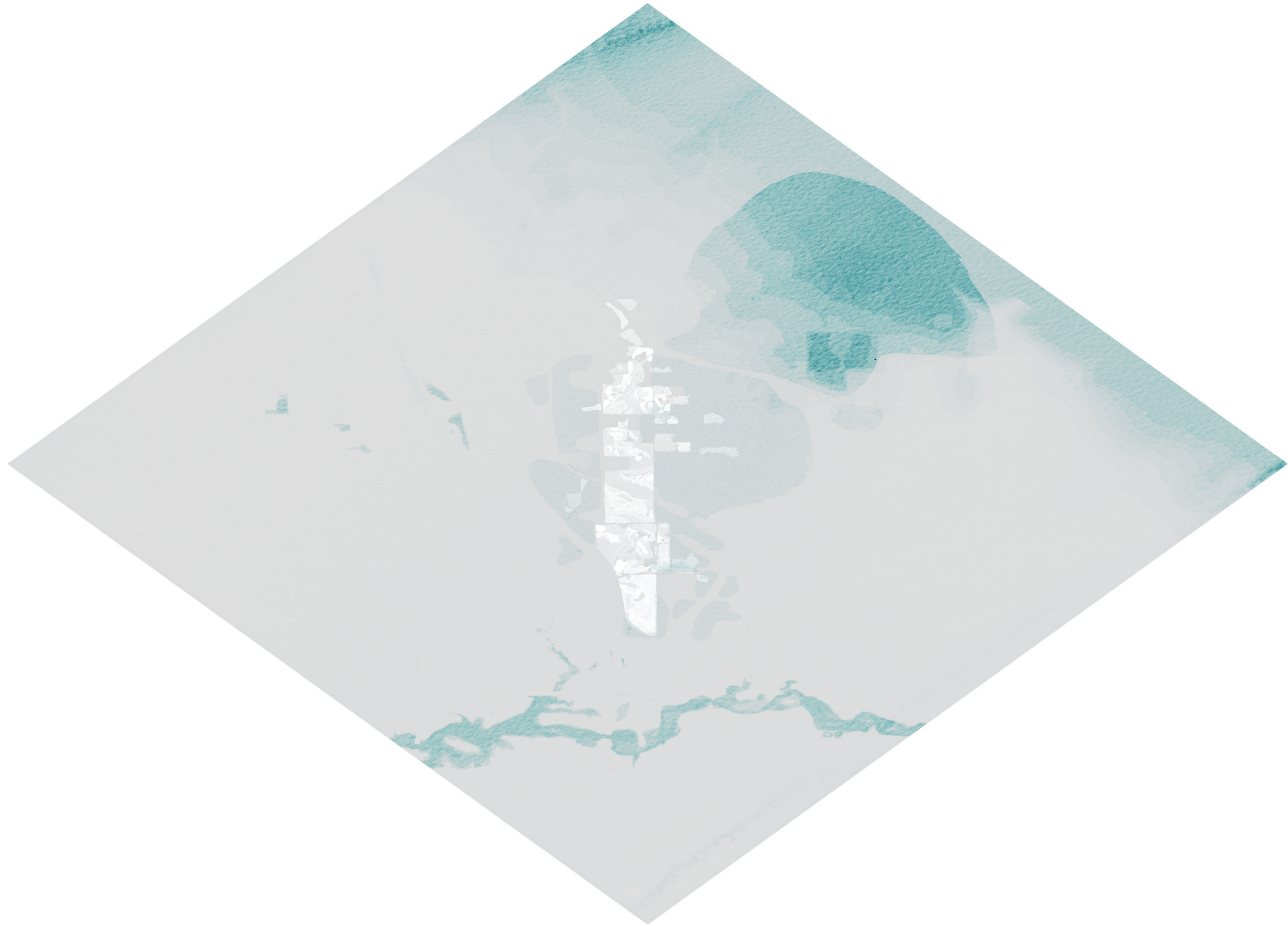
Simulated groundwater level increase in 0.2 metre increments, from a typical summer minimum to a winter maximum, over the permeable hydroplain area.



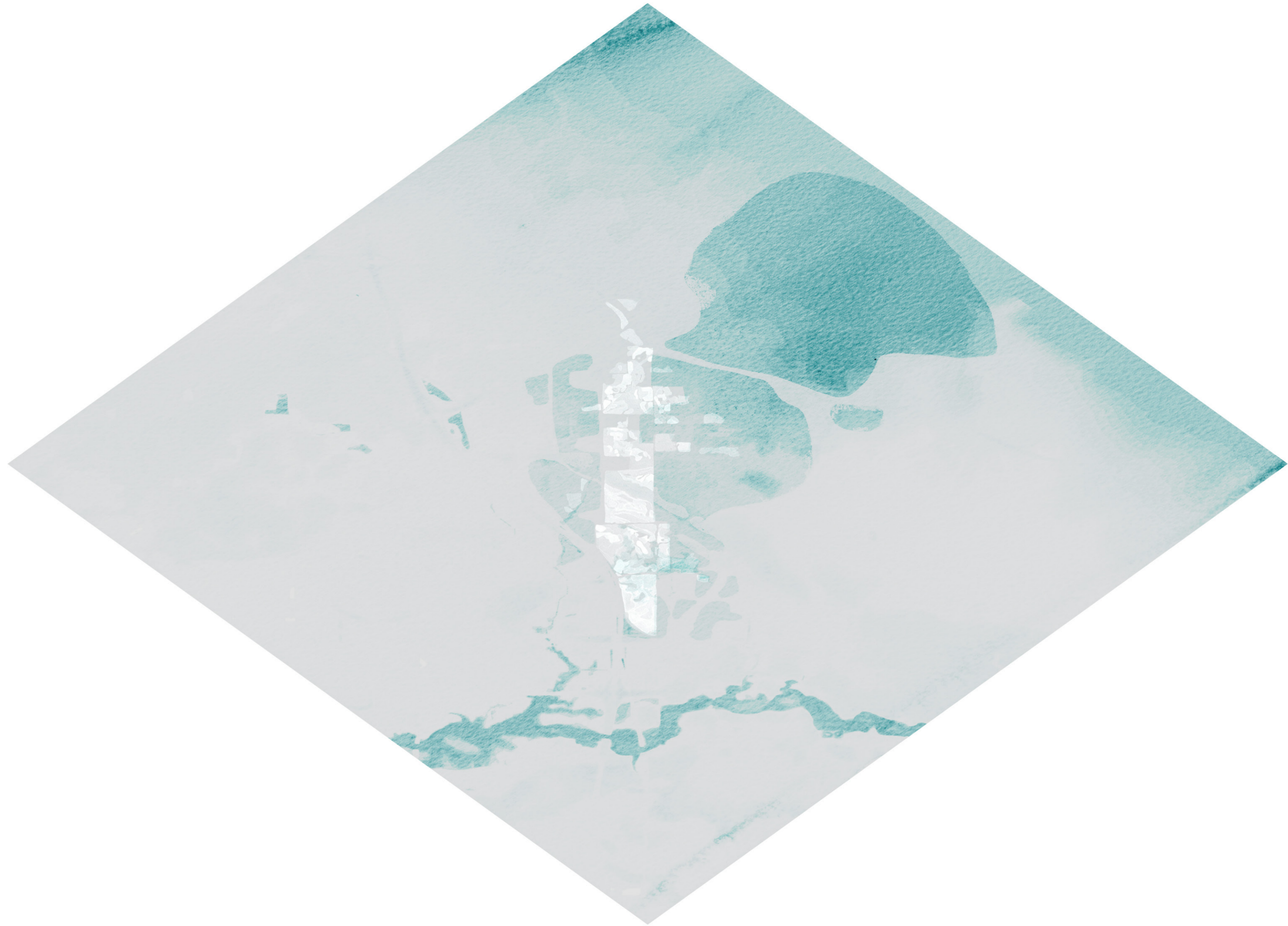
Hydroplain



Hydroplain



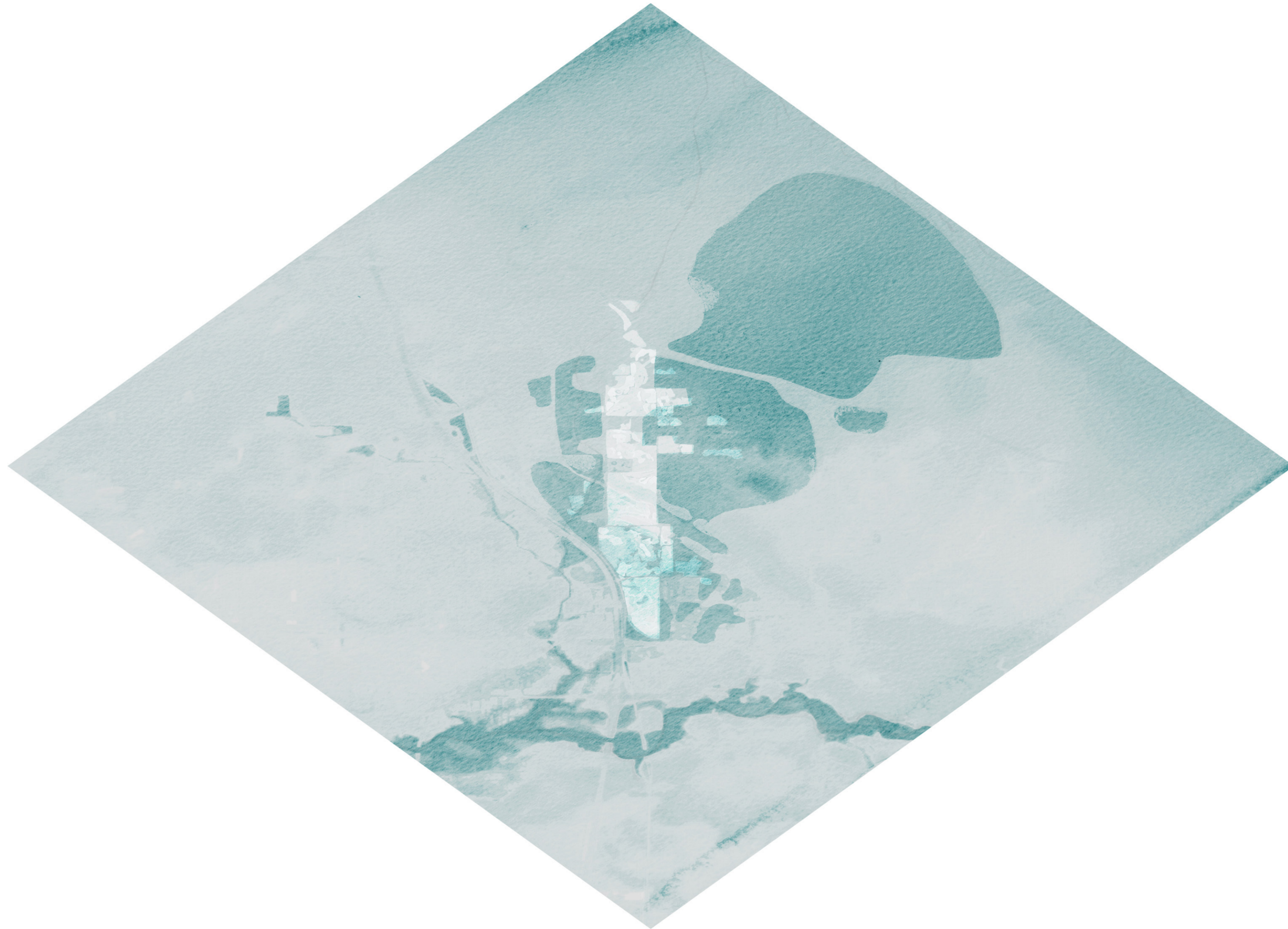
Hydroplain



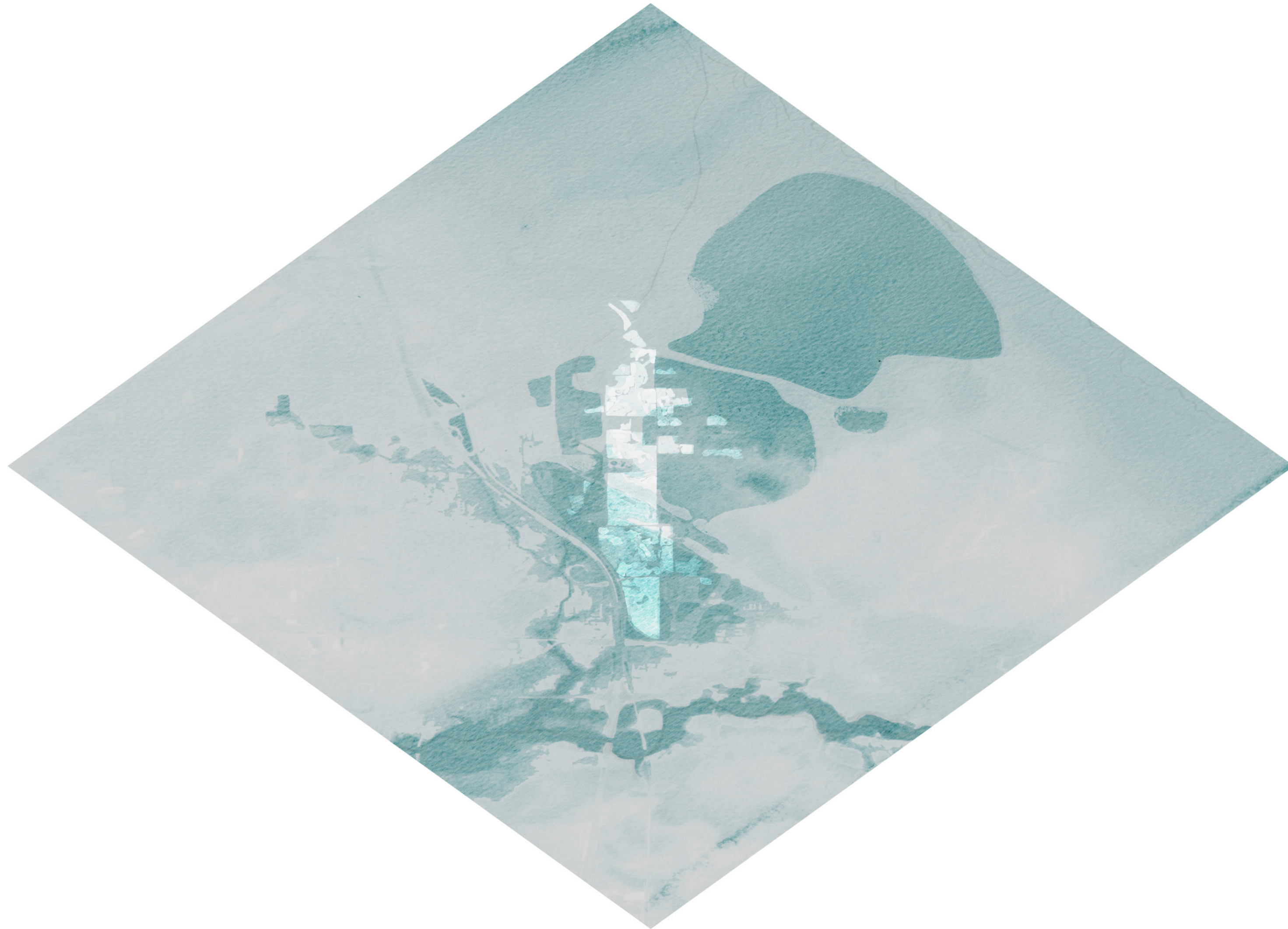
Hydroplain



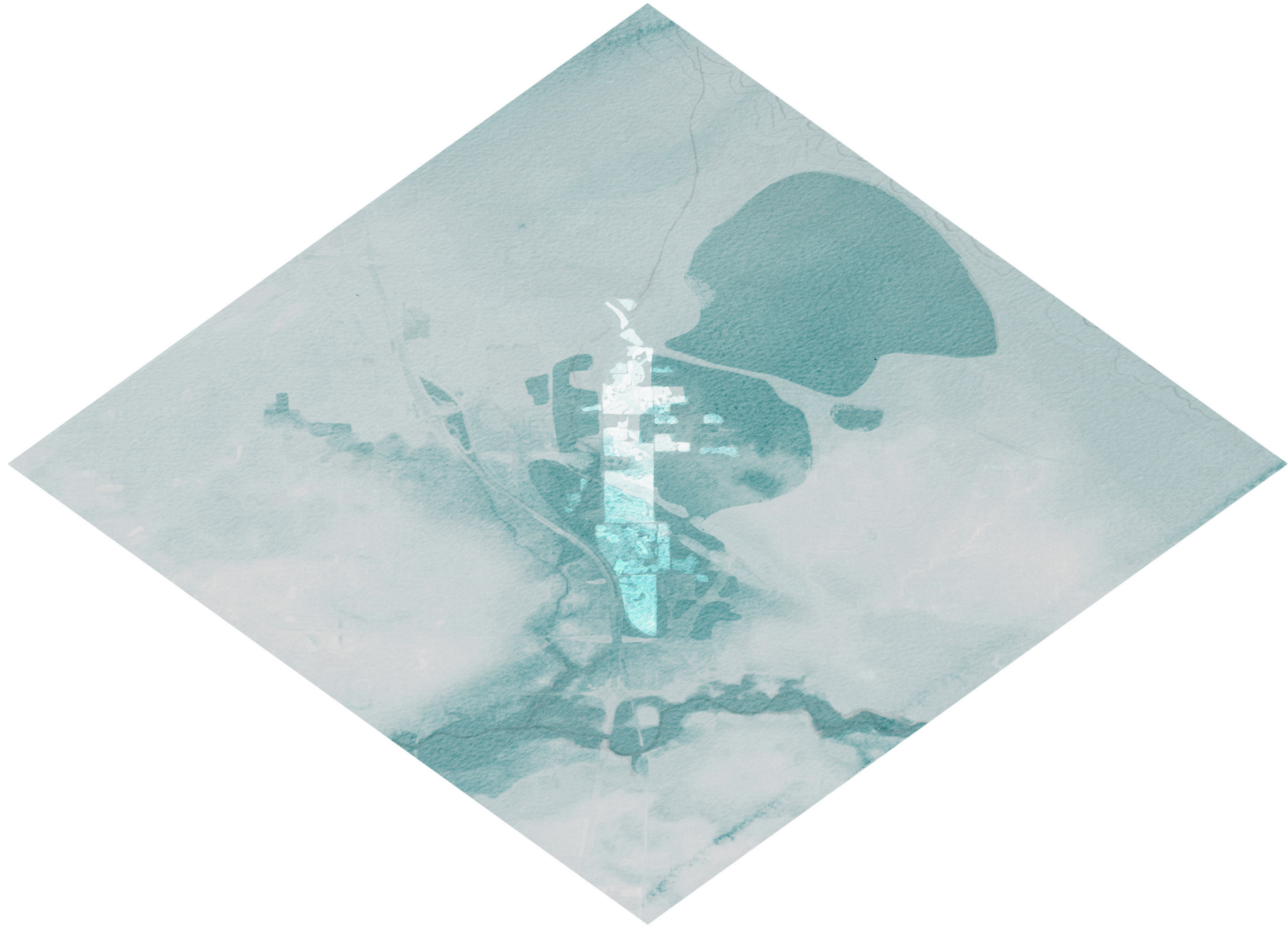
Hydroplain



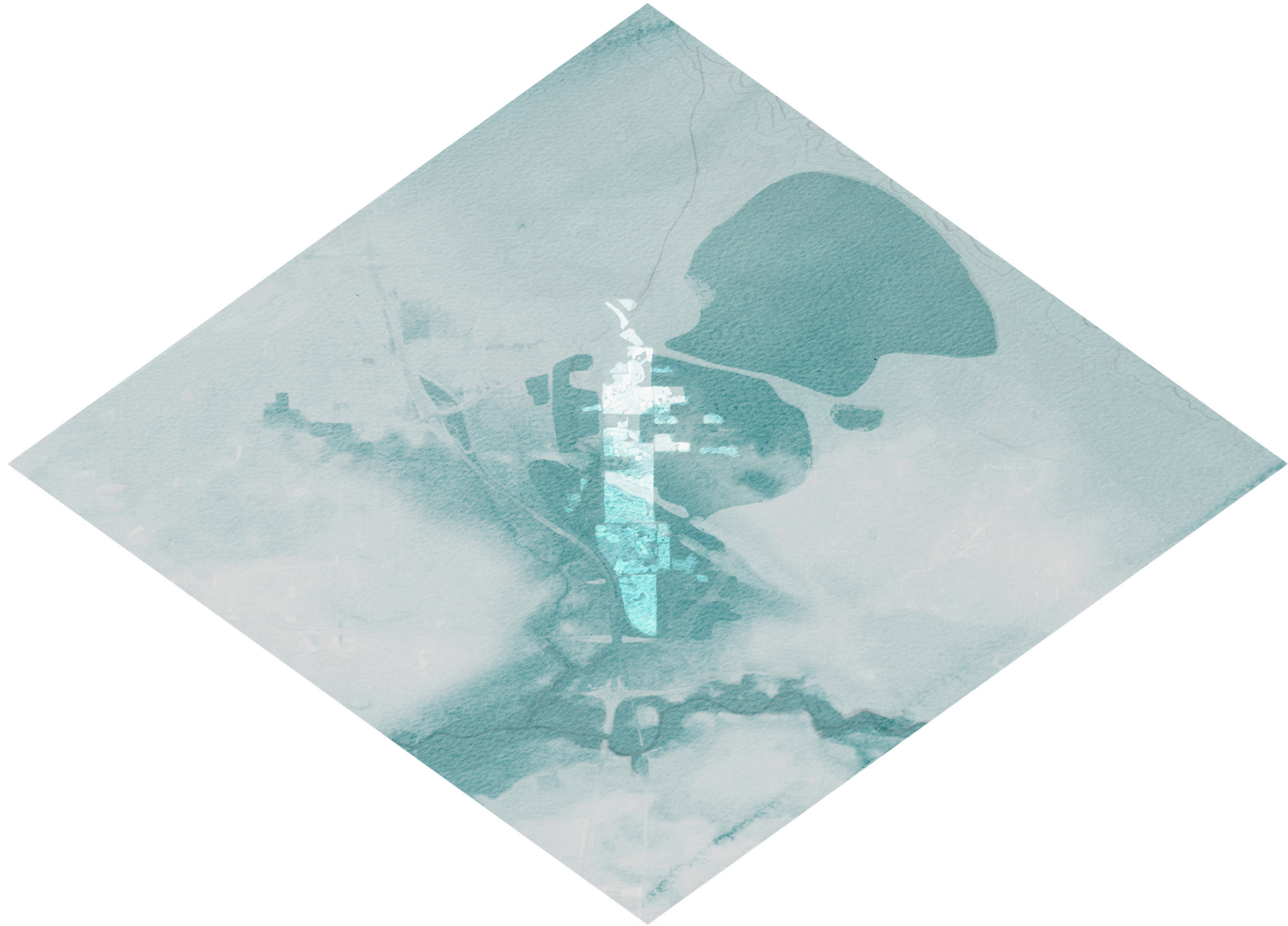
Hydroplain



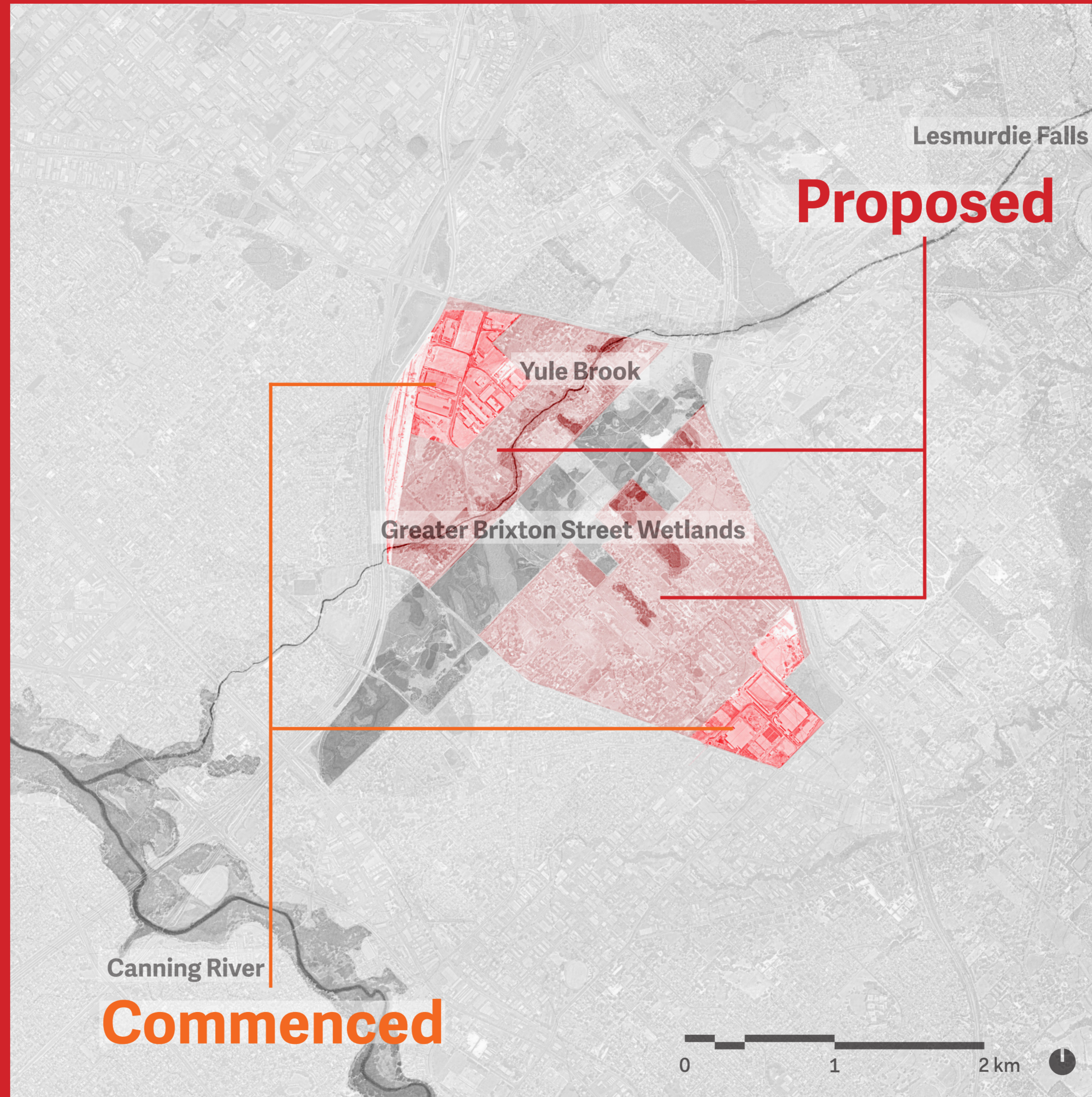
Hydroplain



Hydroplain



Industrial development



A New Yule Brook Regional Park



An aerial photograph of a city grid, overlaid with a semi-transparent green map. The map highlights a winding river and several irregularly shaped green areas, representing an expanded park system. The text is centered over the map.

“This is a vision which lets development and an expanded Yule Brook Regional Park exist side-by-side in a beneficial coexistence.”

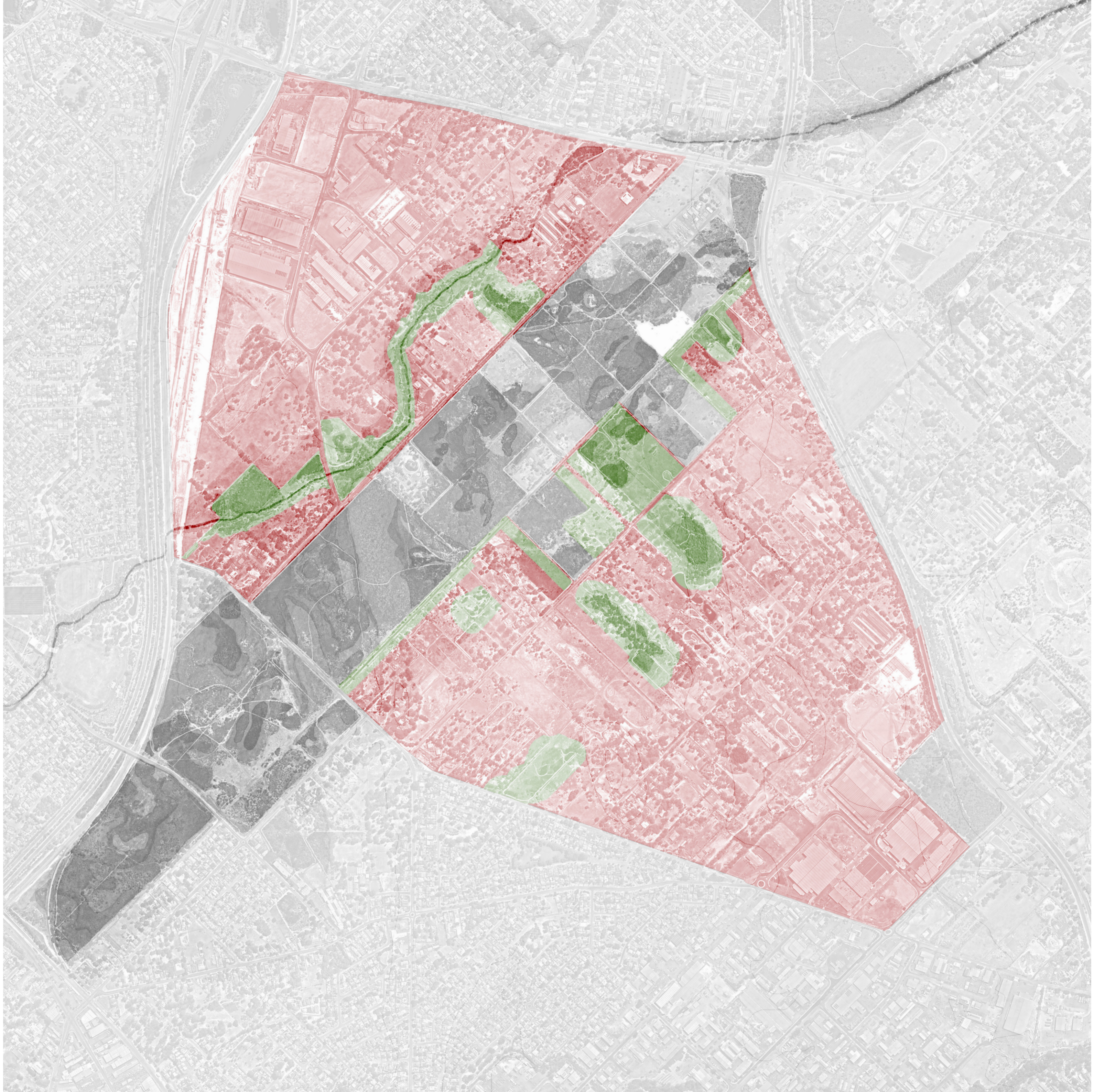
The Beeliar Group

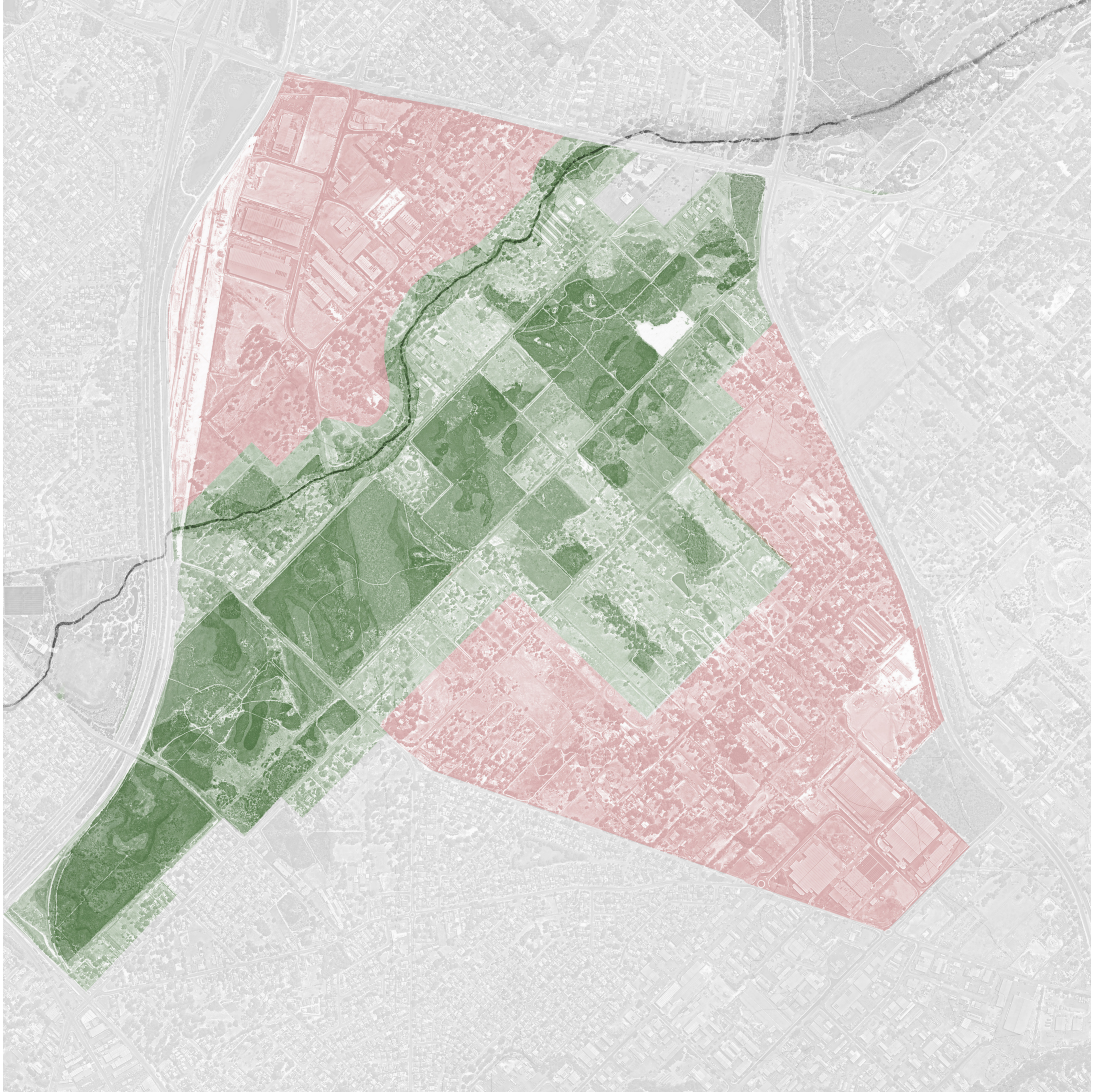


LEGEND

- Structure Plan Extent

- LOCAL PLANNING SCHEME
- Reserves
- Conservation Public Open Space
- Bush Forever
- Zones
- General Industry
- Light Industry
- Rural
- Other
- CCW Conservation Category Wetland
- Yule Brook
- Multi Use Corridor
- Nominal Drainage Basin
- Road Reserve
- Setback Area for Dampier-Bunbury Gas Pipeline
- Aboriginal Heritage Site





x 2

- 27%



Broad and connected buffers must be specified to ensure this future Regional Park is protected. Buffers will limit the industrial area by just 27%.