

Ada Čaplja

# Heron Foreland Embankment: Securing Vital River Space

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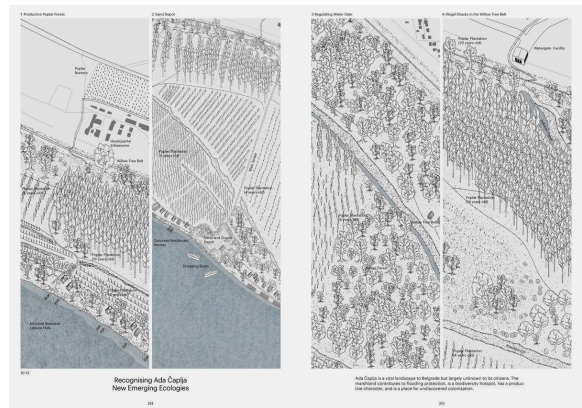
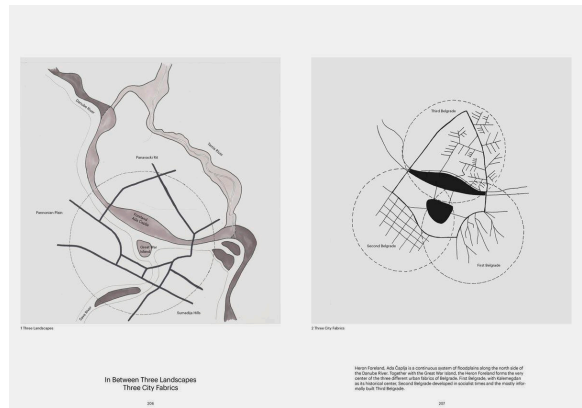
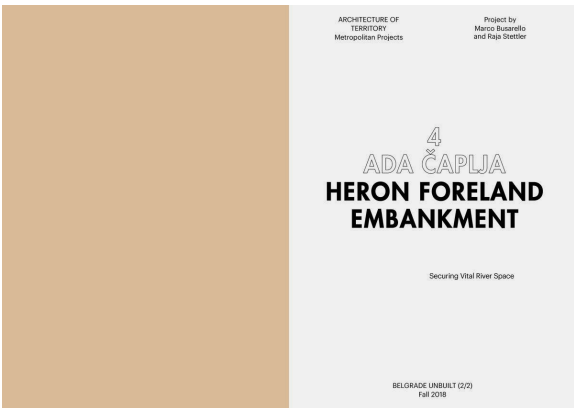


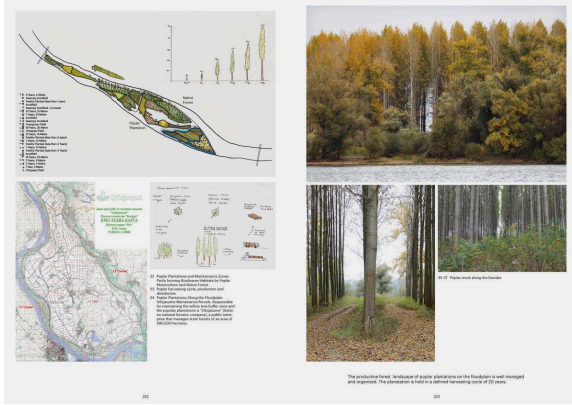
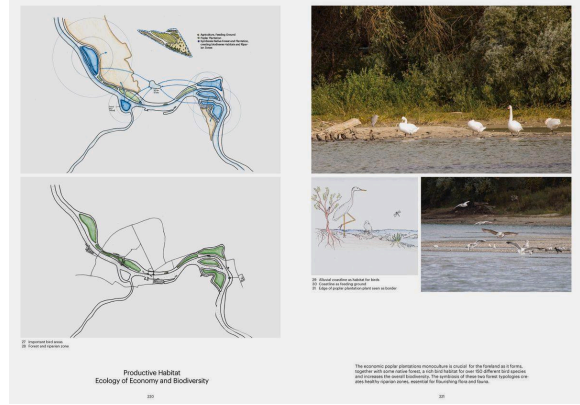
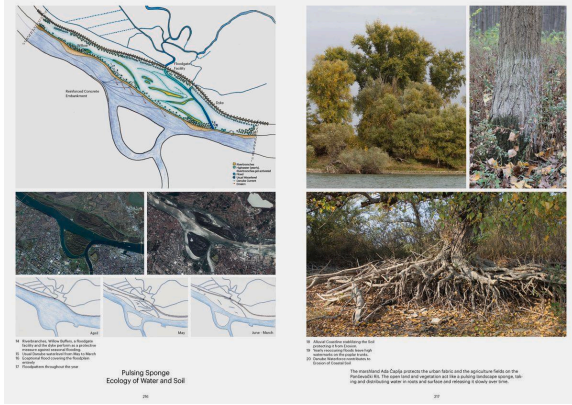
On the northern embankment of the Danube River, facing the Kalemegdan Fortress and New Belgrade, is a narrow strip of wetland forest that together with the Great War Island is considered the green heart of the city. As a natural river landscape it alleviates flooding and forms a vital ecological corridor through the city as a significant bird and fish habitat. Lying between the river and the main levee separating the floodable embankment from the agricultural bog of the Pačenvački Rit this long stretch of forested land also protects Belgrade from high winds. Poplar trees have been planted here for decades by the cardboard and paper industry. The construction of a dam further downriver stabilised the water level in Belgrade and sedimentation created a strip of wetlands on the northern shore. Two large bridges that cross this strip of land connect it to the city and the growing suburbs of Third Belgrade. Viewed from afar, there are few signs of human occupancy within this continuous forest, but it facilitates flows of essential materials and resources. The gravel industry that dredges the riverbed deposits collect material at several locations along the shore to be processed and transported overland. The extensive poplar tree nurseries growing in the humid soils are harvested for the construction and paper industry. The few roads leading to the shore are lined with informal houses on stilts—a weekend retreat for the local population. Amidst these anthropogenic influences, the wetlands are also an important habitat for indigenous and migrating birds, which feed on fish in the shallow waters. The white heron (Bela Caplja), indigenous to the area, has become a symbol for the grassroots campaign against plans to urbanise the Foreland further.

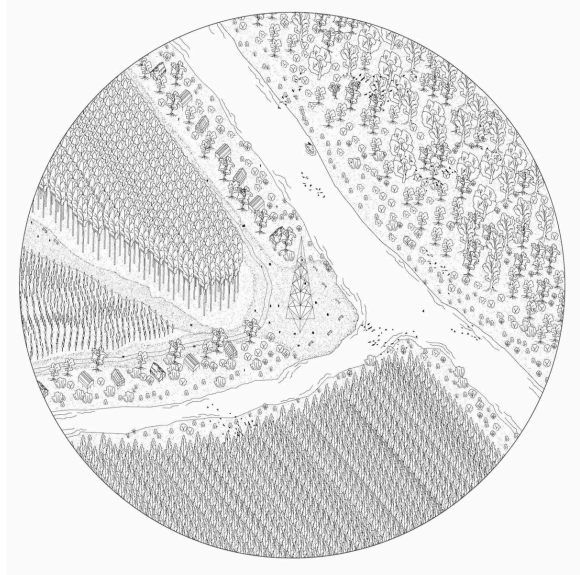


Vital green river belt for non-humans and humans.









## ACKNOWLEDGEMENTS

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## SOURCES

- \*10,000 Birds.\* Accessed December 2018.  
<http://www.10000birds.com>
- "Poplar plantations, maintenance parcels." \*Srbijašume—Serbian national forestry company.\* 2018.

This work by Marco Busarello and Raja Stettler was created as part of the design studio Beograd Unbuilt (2/2) at ETH Zurich in Fall 2018. The PDF is intended for educational purposes only. Its commercial distribution is strictly forbidden.

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