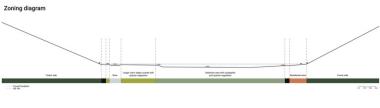


Detention park during a flood

We have used two different slopes in our design relative to the edges of each site. The closer edge to the residential areas is 201 (distance rise) which makes it easier for the elderly and people with strollers to access the basin. For the edges closer to streets or steep areas leading to mills, a 31 slope is implementative. Therefore, in normal situations, the basins offer various advantages for the local people, tourists, and native species. And in the course of flood events, these basins work as spots to detain water for rather a long time.



We also researched the native vegetation and trees and are using native riparian shrubs by the riverside to work as buffers in addition to improving the biodiversity and habitats of the river. Within the detention basin, we considered native trees and shrubs to create ecosystems and improve the area's ecological aspects.

