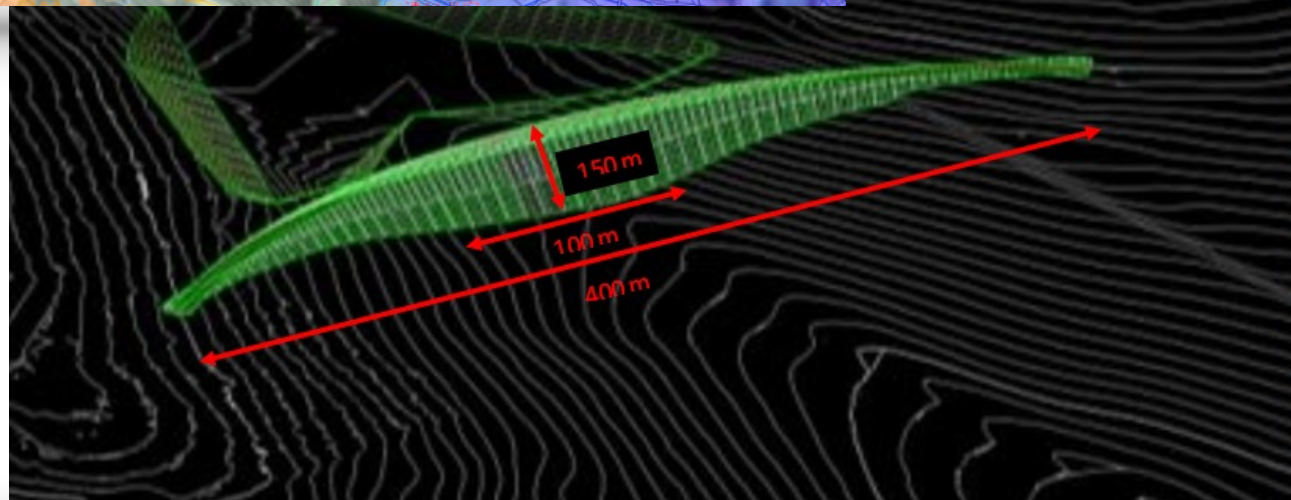
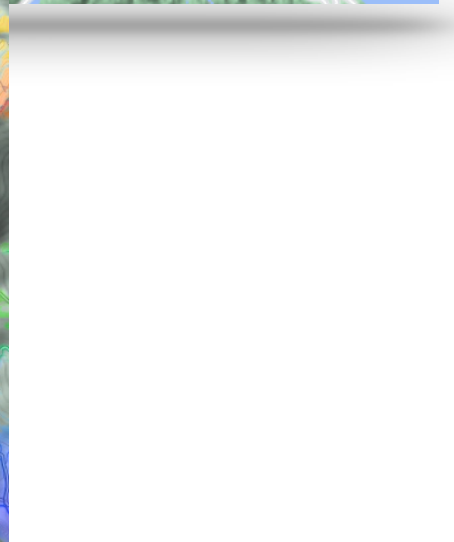
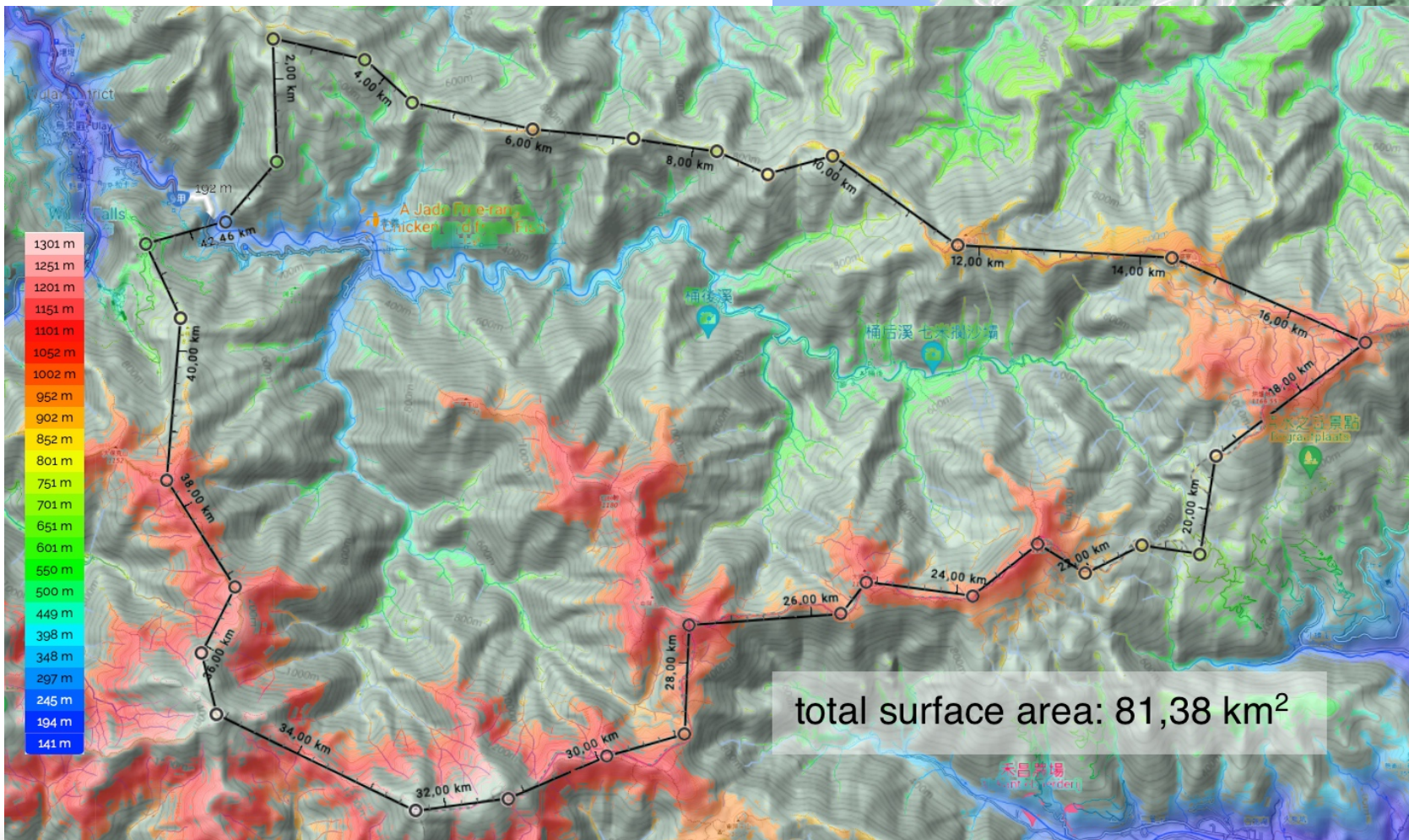
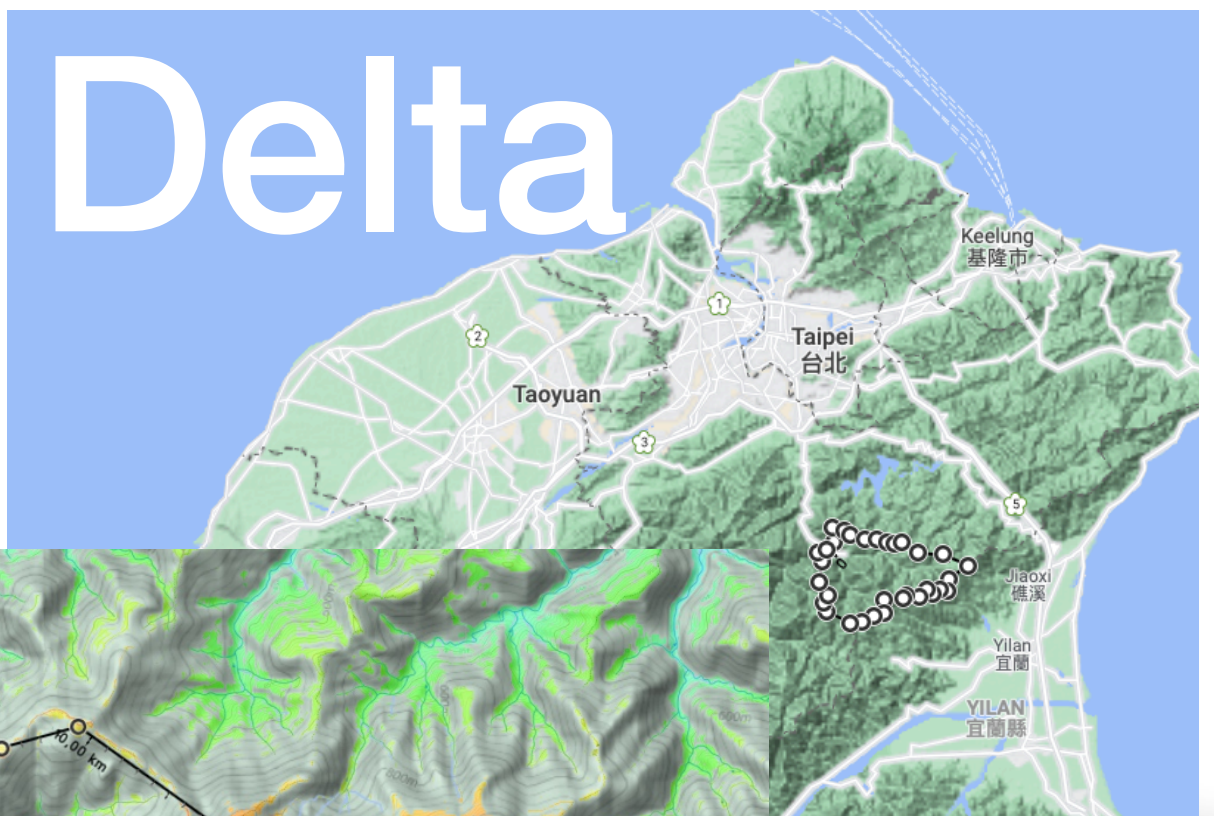


Project Delta



To save the city of Taipei

For more information visit the website at:
<https://sanderlpronk.wixsite.com/taipei-project>

For the last couple of decades Taiwan has been hit by several typhoons and heavy rainfall in a short amount of time. Thereby landslides from up in the mountains will occur and destroy everything on it's path down to the rivers. All this material will flow in the river, leaving the rivers with a large supply of sediment combined with the extra waterflow from the rain. This leads in overflowing banks, peak water level and flow rate at the lowest point in Taipei. Furthermore, over the rest of the year it barely rains in Taiwan, which leads to drought and water shortage. Also, because of the sediment the drink water basins will be too turbid for clean water supply.

To solve this problems we have the idea to build a dam in the Wuhai District near Taipei. This giant building should be 150 metres high and 160 metres width. With this dam Taipei and surrounded cities will be protected against the floods in the summer. While in the winter, when the drought is a big problem, the water in the reservoir can be used to decrease the troubles. The dam can also generate power for millions of people in Taiwan.