

MBA-Students International Management developed a concept for Water-Resilience-Management in the region of Nürtingen

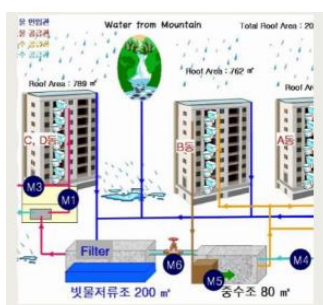
(Prof. Dr. Friedemann Baisch – 12.04.2021)

The worldwide climate change causes severe problems like the forest fires in Australia and California in 2020 and heavy rainfalls at the same place in Australia this year. So the question is: could the same things happen in the forests around Nürtingen? The first forest fire did occur last year in April.

MBA-Students from Nürtingen-Geislingen University NGU and Exchange Students from a variety of countries like Italy, France, Korea, India and Bangladesh developed elements that could be integrated into a Water-Resilience-Management. Their ideas were presented in front of the townhall of Nürtingen together with the town's Climate-Change Manager Thomas Kleiser.



The main goal of the concept is to retain water for a drier season: This can be done in forests, fields, in soil and in settlements. Therefore, the concepts include suggestions like building natural ponds in the forests, little barrages alongside creeks, techniques to improve soil quality, but also training for awareness in the community. Furthermore, the students advise installing fire-spotting techniques with cameras and drones and a direct link to a firefighter helicopter or at least a firefighting equipment for helicopters at Stuttgart Airport. This can be used for all forests in the region (Black Forest, Vosges, Schönbuch, Swabian Forest).



Regarding urban settlements students from Korea propose rainwater-storing within the buildings. This could prevent floods on the one hand and help saving water resources on the other hand.

After all this was a remarkably interesting, international, and transdisciplinary project with a strong focus on the sustainability of our local community around Nürtingen. Other projects will follow and are linked with the Hölderlin-Lab in Nürtingen (@holderlin.lab on insta).