

# Rolf Becker (rolf001) - Public Page

rolf001

## Meeting Royal Eijkelkamp (2022-02-09)

- Weather Station Hack: [https://wiki.eolab.de/doku.php?id=weather\\_station:start](https://wiki.eolab.de/doku.php?id=weather_station:start)
- Big Drone: <https://wiki.eolab.de/doku.php?id=drones:cargo:start>
- Object Detection with Mini-Drones: [https://wiki.eolab.de/doku.php?id=drones:mini\\_drones:start](https://wiki.eolab.de/doku.php?id=drones:mini_drones:start)
- AI at Schools: [https://wiki.eolab.de/doku.php?id=ip:ws2021:lets\\_plaiy:start](https://wiki.eolab.de/doku.php?id=ip:ws2021:lets_plaiy:start)
- Soil Sampler: [https://wiki.eolab.de/doku.php?id=soil\\_sampler:start](https://wiki.eolab.de/doku.php?id=soil_sampler:start)
- Internet of Agriculture (IoA), INTERREG:  
[https://wiki.eolab.de/doku.php?id=eolab:sceme\\_node:start](https://wiki.eolab.de/doku.php?id=eolab:sceme_node:start)
- HSRW Fab Lab Kamp-Lintfort: <https://fablab.hochschule-rhein-waal.de/>
- HSRW Green Fab Lab: <https://fablab.green/>
- HSRW Blue Fablab: <https://fablab.blue/>
- Geoinformatics: [https://github.com/rolfbecker/MIE\\_2.02\\_GeoInfo\\_WS2021](https://github.com/rolfbecker/MIE_2.02_GeoInfo_WS2021)
- Scientific Programming:  
[https://github.com/rolfbecker/EE\\_2.06\\_SciProg\\_SS2021\\_Exam\\_Group\\_XX/blob/main/Task01/Task\\_01\\_Flood.ipynb](https://github.com/rolfbecker/EE_2.06_SciProg_SS2021_Exam_Group_XX/blob/main/Task01/Task_01_Flood.ipynb)
- Student Jonas Zender, IoT for Environmental Monitoring:  
[https://wiki.eolab.de/doku.php?id=amc2020:group\\_n:start](https://wiki.eolab.de/doku.php?id=amc2020:group_n:start)
- Student Jonas Zender, AI for Detection of Senecio Jacobaea:

## Notes

### Goal: increase carbon in the region

In order to

- increase product quality
- increase biodiversity
- transformation from primary production to services
- monetary benefit, conservation of quality and value
- sustainability for the next generation
- knowledge base
- sustainability: environmental, economical, societal
- Werte generieren sondern auch Werte erhalten
- Wert des Bodens, wird durch Bodenqualität bestimmt
- Rabobank, GLS, DZ-Bank

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