TP2: IT-Infrastructure-Toolbox

BAYSICS TP2 | 10 Feb. 2020 | Anudari Batsaikhan, Anton Frank, Jens Weismüller
The BAYSICS Toolbox

Develop a toolbox in collaboration with the project partners, consisting of:

- Web portal
- Design and specification of the BAYSICS smartphone app
- Sensor networks (i.e. Baum 4.0)
- Learning and interview modules
- Geo database (i.e. pictures, tracks, …)
- Legal issues

- Technical ground work
- Content by the respective partners
The BAYSICS Web Portal

BAYSICS platform for citizen science consists of:

- Observation Database
- Demographic Survey
- Pollen and allergy profile
- API (i.e. for smartphone app)
- Mapping and analysis toolbox (TP 3)

Mockup: Alissa Lüpke
Smartphone API (application programming interface)
Sensor networks

In TP 1, three talking trees have been set up.

We have been supporting this effort with IT infrastructure: servers, data bases
Learning and Interview Modules

- Close collaboration with the social scientists
- Supporting the development of online interview and learning modules
- Status: demographic survey has been included in the portal prototype
What’s the current status?

- Focus has been on the development of the portal
- Web portal will be in early access by the end of March
- Baum 4.0 is online
- Smartphone app comes next
Leibniz Supercomputing Centre of the Bavarian Academy of Sciences and Humanities