

Critical Reflection

Our Symbiotic Life: An Exploration of Interspecies Relations By Katja Budinger and Frank Heidmann

Outline:

Thesis: creating narratives to accompany scientific research to engage public

- Climate impact research community
- Plant science
- Design fiction future perspectives (same as speculative futures?)
- 'Speculation about new ideas through prototyping and storytelling' brings a scenario to life
- Design fiction used to explore plant science and climate impact research and lower the bar to entry with engaging in these complex ideas. Make these ideas more accessible.
- Pastiche scenarios created to bring user into this new world.
- Created map of plausible futures based on climate research
- Aim to make data, calculations and observations tangible. Again, not accessible to the public.
- Autonomously moving plants project.

Harmony, Invasion, On Demand, Bottle Garden,

Shared Socioeconomic Pathways (SSP)

Invasion:

Invasive species hack the environment.

Invasion of fantasy plant *Equinops Cupidus*

Playful immersion into scientific research

Approaching research through prototyping rather than thinking

Taking plants point of view

References:

Derek Hales (2013) Design fictions an introduction and provisional taxonomy, *Digital Creativity*, 24:1, 1-10, DOI: 10.1080/14626268.2013.769453

Amon Rapp (2019) Design fictions for behaviour change: exploring the long-term impacts of technology through the creation of fictional future prototypes, *Behaviour & Information Technology*, 38:3, 244-272, DOI: 10.1080/0144929X.2018.1526970

Bleecker, Julian. "Design Fiction: A Short Essay on Design, Science, Fact and Fiction." Near Future Laboratory, October 8, 2019. <http://blog.nearfuturelaboratory.com/2009/03/17/design-fiction-a-short-essay-on-design-science-fact-and-fiction/>.