

28. September 2018

Methodenseminar für NachwuchswissenschaftlerInnen: How to use a lab environment in policy decision making - the example of the "European Academy Lab (EA Lab)"

9:30 Uhr

Conceptional foundation and example applications of the EA Lab

Dr. Bert Droste-Franke (EA European Academy)

- Specific challenges of scientific advice for robust policy decisions
- The EA Lab as an instrument, its technical environment and application examples

11:00 Uhr

Coffee break

11:30 Uhr

Methodological basics – Introduction to “R” and to “R Shiny”

Dr. Markus Voge (EA European Academy)

- Data analysis with R
- Interactive data visualization with R Shiny
- Presentation of programming tasks and finished example tool

13:00 Uhr

Lunch break

14:00 Uhr

Session I: Basic technical elements of the EA Lab

Dr. Markus Voge (EA European Academy)

- Read-in of example data
- First plot
- First interactive app
- Enhancement of the app

15:30 Uhr

Coffee break

16:00 Uhr

Session II: Advanced technical elements and using the EA Lab for analyzing and evaluating energy concepts

Dr. Markus Voge, Dr. Bert Droste-Franke (EA European Academy)

Optionally:

- Further programming tasks
- Applying a finished example tool to support policy decisions

17:00 Uhr

End of the program and farewell