

## **Data and numerical literacy: lessons from the pandemic**

- Short introduction to modeling and algorithms in the context of the pandemic
- Models to communicate scenarios-vs-forecast-vs-counterfactual etc.
- Problems in communicating uncertainties/assumptions
- Policy making as a process that needs understanding of modeling/algorithm but is ultimately based on political decision.
- Need of numerical/data literacy in understanding policies as well as their implementation.
- Communication/reception/understanding of policy making
- Generalization to a reality that is embedded in model and algorithms
- Definition of new education and training models for numerical literacy.
- Numerical literacy -> awareness