

Any very simple guide, which can give a advice, what we have to do, when we want to improve our model, or simplify this model with the minimum lost of accuracy (precision).

Suggestion of contain for single chapters:

- 1) Common information about theory of SU analysis. Short description of main aim of SU analysis, description of basic analytical methods, numerical method, computer codes and other tools (codes SimLab, GoldSim, etc.).
- 2) Methods of SU analysis are dependent on the type of model, which is analyzed. There is important type of physical model, conceptual model and mathematical model, which is using. This chapter will contain some information about basic types of mathematical and physical models, which are more frequently using for modeling of tritium transfer.
- 3) Description of more important parameters for some selected tritium transfer models. Each model has an individual set of important parameters, which is specific for given mathematical and physical model. We try to define the important parameters for a few simple models, which could represent the main groups of tritium transfer models (transfer in water, atmosphere, animal, plant and food chain).
- 4) Information about values of some pdf for parameters (minimum value, maximum value, average value, type of distribution, etc.), which are available from experiments and measurements. This chapter will be has a form of literature research.
- 5) Last chapter will contain some examples of using the SU analysis.