



International Atomic Energy Agency

IAEA inter-departmental collaboration for the TRS-364 revision

Paul Martin

Agency's Laboratories Seibersdorf

P.Martin@iaea.org

Objective

- **Revise the IAEA Technical Reports Series No. 364, “Handbook of parameter values for the prediction of radionuclide transfer in temperate environments”**

TRS-364 was originally published in collaboration with the International Union of Radioecologists (IUR) in 1994

What is the IAEA seeking from a TRS-364 revision?

Production of a handbook for use by Member States which:

- **Incorporates as far as possible up-to-date and reliable information**
- **Is structured in a logical and user-friendly fashion**
- **Can be applied to a variety of dose assessment situations (including extension to non-temperate environments)**

Departmental IAEA interests in the new TRS

- **Application by Member States for radiological evaluations**
- **Improvement of current international nuclear safety documents**
- **Application in IAEA Technical Cooperation projects**
- **Provision of training**
- **Feedback for future research planning**

Revision will need to be a collaborative effort

Many contributors:

- **IAEA, IUR, FAO, ICRU**
- **About 15 national institutes & authorities**

IAEA Seibersdorf laboratories will contribute to:

- **Data collation and assessment**
- **Radioecological pathway modelling**
- **Financial and human resources**
- **Editing**