

Alois Wolfgang SCHMALWIESER

Studies

Study of Astronomy at the University of Vienna (Mag.rer.nat)

Study of Agriculture at the University of Natural Resources and Applied Life Sciences, Vienna (Dr. nat. tech.)

Teaching

Practise in Medical Physics

Practise in Biophysics

Epidemiological Modelling

Activities

Alois Schmalwieser is working at the Institute of Medical Physics and Biostatistics in Vienna since 1995 whereas his main working field is ultraviolet radiation and its biologically effectiveness. He has recently finished his doctor thesis. He has more than 10 years experience in modelling and forecasting the biologically effective radiation (UV-Index, Vitamin D) reaching the earth surface. Further, he has been involved in various studies measuring personal exposure during outdoors activities and at working places.

He has participated in several projects where different type of instruments for measuring UV radiation were intercompared or proven. Recent main research is also focused on the disinfection of drinking water by ultraviolet radiation.

Form 1997 to 2001 he participated in European COST Action 713 "UV-B Forecasting"

Since 2004 he coordinates the activities of WG3 "Biologically effective Radiation" in the European COST Action 726 "Climatology of UV radiation over Europe"