



**ULRICH SIEGENTHALER, 1941–1994**

On 15 July 1994, Ulrich Siegenthaler, Professor at the Physics Institute in Bern, Switzerland, died at the age of 53. We lost an excellent scientist and a good friend and colleague.

His research may be characterized by the two words, *interdisciplinarity* and *quality*. He was an expert in various fields. He was, for example, interested in the global carbon cycle and the greenhouse effect, in climate change and the role of the ocean and the biosphere, in the global water cycle and in isotope hydrology. In some of these fields, he was active in an experimental way, and in other fields, in a theoretical way, as a modeler.

The high quality of Uli Siegenthaler's research is visible in:

- his many publications in reputed journals. One example is the famous article on the box diffusion model that he wrote with Hans Oeschger in 1975;
- his engaged activity in various national and international committees. He participated in JGOFS, SCOPE, IGBP, IPCC and others;
- his shared knowledge as an advisor for journals such as *Tellus* and *Climate Dynamics*. For many years, he was an Associate Editor of *RADIOCARBON*;
- his election as a Fellow of the American Geophysical Union for the year 1994.

One consequence of his broad and active research interests were the many friends gathered all over the world. I think that the friendships are even more important than the number of papers that he had published. Uli was welcome in many universities and institutes in Switzerland and abroad. Twenty years ago, he was the guest, for one year, of Joel Gat at the Weizmann Institute in Rehovot, where he worked on isotopic fractionation during the evaporation of precipitation. He later visited Karl Otto Münnich in Heidelberg for several months, and Jorge Sarmiento, at Princeton. Uli collaborated with other physicists, as well as biologists, botanists, chemists, oceanographers and geologists. And he was not only appreciated by scientists from far and wide; everybody within his group and in the Institute liked him as a partner in discussions. Students also liked his quiet, kind and friendly manner.

We, who all lost a good friend, will remember mainly these characteristics of friendly discussions. Although his scientific scale was at a high level, and he could be critical, his advice was always constructive and helpful. Therefore, we will remember Uli Siegenthaler as a brilliant scholar, and at the same time, as a very dear colleague. Let's hope that we, ourselves, may continue in his style, and always take the time, besides our work, for friendship among colleagues in a peaceful atmosphere.

*Heinz Hugo Loosli*

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