



International  
Water Association

## **Member's biographical reviews | *Helmut Kroiss***

### **Helmut Kroiss**

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**Helmut Kroiss** works for the Institut für Wassergüte und Abfallwirtschaft, Technische Universität, Vienna, Austria. His professional background is firmly focused on the civil engineering discipline, combining an academic career at the Technical University with practical, industrial experience. Work at the Institute is based on long-term interdisciplinary research (engineering, chemistry, biology), with reference to water protection through wastewater treatment. Special emphasis is placed on aerobic and anaerobic wastewater treatment processes and river basin management.

Throughout his career, Kroiss has contributed substantively to the implementation of industrial and municipal wastewater treatment infrastructure. This involved working simultaneously on different levels: from laboratory level experiments to full-scale operation; from problem solving at the local level to influencing national policy formulation. Membership of IWA offered access to a global network of excellence in the profession and the opportunity to contribute solutions to water problems worldwide.

Kroiss maintains a simple philosophy: as the world population is largely dependent on the provision of safe drinking water, it is everybody's shared responsibility to ensure adequate management of water quality and quantity. As a consequence, water use and water source protection education is of primary importance, starting in the kindergarten and continuing through to the University and beyond. Higher education institutes have the duty to transfer best practice knowledge and experience to the public and other interested parties – in this regard the success of scientific endeavour must not be at the expense of wider benefits to society.

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