Huub Löffler graduated in Biology at the Free University in Amsterdam. He did a PhD in Plant Pathology at the University of Utrecht in 1986. After a post-doc at the department of Genetics back at the Free University, he accepted a function in genetics and breeding at the Institute for Horticulture in Wageningen. His main focus was resistance breeding both by conventional and molecular technologies. He worked for over ten years as scientist in these domains, at first focusing on ornamental plants, and later shifting towards food crops and food security. In 2000, he became Head of the research department 'Food and Health' and in 2005 Head of the department Marketing & Sales and member of the Management Team of the Plant Sciences Group of Wageningen UR.

In 2010, he was appointed Director of Wageningen International of Wageningen UR. This organization is an integral part of Wageningen UR and is responsible for implementing international strategies, setting-up international collaborations, starting international programs and advising and assisting on international issues. In 2018, he stepped down from this position to focus on agriculture for development. He now is Strategic Advisor Development Cooperation at the Wageningen Center of Development Innovation.

From the start of his career, Huub Löffler was involved in international collaboration. He coordinated several Indonesian-Dutch research programs involving PhD-students. A shift towards food security and Africa was boosted by the participation in the directorate of a study into food security in Africa. This study was committed by the InterAcademy Council at the request of Mr. Kofi Annan, and co-chaired by Rudy Rabbinge, MS Swaminathan and Speciosa Kazibwe. He was a coordinating member of the follow-up committee of this initiative. Building on this expertise, he chaired several workgroups advising the Dutch policy on Agricultural Research issues. He coordinated the European-Africa ProIntensAfrica program and was involved in the follow-up.

Currently, Huub Löffler is chair of the Supervisory Board of ICRA, member of the Governing Board of the Joint Programming Initiative FACCE, member of the Board of Agrinatura-EEIG and vice-president of the Agrinatura Association, member of the CASCAPE Supervisory Board, member of the Dutch Food and Business Knowledge Platform and member of the High-Level Advisory Group for DESIRA. In addition, he is guest lecturer Food Security at Clingendael and co-editor of the book '*Food for all: Sustainable nutrition security*'.