



HARALD SVERDRUP is Professor of Industrial Engineering at the University of Iceland, and part time Professor of Chemical Engineering at Lund University, Sweden. His work has been concentrated on assessment of sustainability for a range of natural or man-made systems. Harald has done basic research in the fields of silicate weathering, mineral dissolution kinetics, soil chemistry, biogeochemistry of tree and plant growth in natural systems, biomedical dynamics and biodiversity mechanisms. He participated in the SUFOR programme developing sustainable forest management systems for Southern Sweden. Harald built integrated assessment models for terrestrial ecosystems under pollution stresses for the Swedish Environmental Protection Agency. He developed the critical loads concept in Europe under the UN/ECE-LRTAP convention to halt acid rain and assisted implementing it in 27 European countries. Harald has done several models for world market supply of metals and developed systems dynamics models for global resource supply and its effects on the world economy. He was the president and CEO of K. A. Rasmussen Precious Metals Industry in Norway for seven years, specializing in refining and recycling of platinum group metals. Harald was chosen Entrepreneur of the Year in Norway in 2012 and has started many companies, including a film company and an aluminium-bronze foundry. Harald collects ancient Greek coins, likes reading ancient history, and loves hiking in the mountains and cooking with Vala.



KRISTÍN VALA RAGNARSDÓTTIR is Professor at the Institutes of Earth Sciences and Sustainable Development, University of Iceland. Her work was initially on the geochemistry of geothermal systems but then she moved into environmental science, cement chemistry, radioactive waste disposal, biogeochemistry, soil science, natural resources, and sustainability. She has a long-standing interest in the link between environment and health and has undertaken research that is related to response to climate change, ecosystem services, sustainable communities, food security and aquaponics. Her career has taken her to work in USA, UK, Germany, France and Norway. She is elected member of Academia Europaea, Norwegian Academy of Science and Letters, Icelandic Academy of Science, and the Royal Academy of Arts (UK). She has been invited member of international scientific expert groups of UNEP, on Depleted Uranium use in conflict areas, and Government of Bhutan's New Development Paradigm. Vala is associate editor (AE) of Solutions and was AE for Chemical Geology, *Geochimica et Cosmochimica Acta*, *Geochemical Transactions* and *eEarth*. She is the Vice-President of the Balaton Group, Member of the Club of Rome, and Distinguished Fellow of the Schumacher Institute (UK). Vala also sits on the board of a number of environmental and social justice NGOs. When not with her nose in a book, Vala enjoys growing food, cooking and being in the mountain hut with Harald, family and friends.