

**Tierproduktion und Klimawandel – ein wissenschaftlicher Diskurs zum Einfluss der Ernährung auf Umwelt und Klima** („*Animal production and climate change – the influence of nutrition on environment and climate*“)



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**Abstract**

Our nutrition system has various impacts on environment and climate change. Nutrition habits and the choice of our food are associated with the use of fundamental resources such as energy, land and water. An investigation of the complex interactions between nutrition and the emission of anthropogenic greenhouse gases, the social and health status of human kind and the availability of resources is carried out. The production of animal goods is responsible for almost the same level of anthropogenic greenhouse gas emission as the industry and even more than the entire transport sector. Therefore the main focus of this book is on the influence of the animal production sector on environment respectively climate change and resources. Animal and plant based products are analyzed regarding their impact on the usage of land and woods, the acidification of ecosystems, biodiversity and the disposal of pollutants. Plant-based diets, especially vegetarian and vegan diets are investigated regarding their potential for improving health, protecting environment, reducing greenhouse gases and ensuring nutrition security. Finally future trends of the global nutrition in consideration of population growth as well as economic growth and their implications for society are pointed out – on individual as well on political level.