

Curriculum Vitae

Personal Details

Surname	Schütte, Dr.
First Name	Gesine, Annette, Marga
Address	Albert-Hirsch Str. 3c, D-25335 Elmshorn
Nationality	German
Date of Birth	15.03.1961
Place and Country of Birth	Darmstadt, Germany

Education

Primary School	Mönkeberg/Kiel 7.1967 u. 1969-6.1970 El Salvador (San Salvador) 1968-1969
Secondary School	Heikendorf/Kiel and Kiel 7.1970-10.1990
University	Hamburg 4.1980-10.1990

School and University Examinations

High school Graduation	12.1979
Final Examination in Biology, Political Sciences, Pedagogics	
University of Hamburg	4.1987
Dr. rer. nat. (Biology/Ecology)	10.1990

Linguistic Ability

English fluent
Spanish

Membership

Deutsche Landeskulturgesellschaft (DLKG)
Pesticide Action Network , Germany

Details of Business or Professional Career

Research staff in the field of ecology at the Zoologisches Institut und Museum in Hamburg
1987-1990

Collaborator at Arbeitsstelle für Technikfolgenabschätzung – *Technonolgy Assessment Unit*
(University of Hamburg) 11.1990-3.1993

Collaborator at the Kleinwanzlebener Saatzucht AG (Einbeck) 4.1992-9.1992

Research staff at the FSP BIOGUM (Research Unit for Technology Assessment on
Biotechnology and modern Agriculture) - University of Hamburg 4.1994-5.2016

Research staff at the Carl Friedrich von Weizsäcker-Centre for Science and Peace
Research (ZNF) (Zentrum für Naturwissenschaft und Friedensforschung) - University of
Hamburg since 5.2016

Focus of work

I conducted several projects on the evaluation of laboratory experiments, field tests, and risk assessments with regard to ecological and agronomic effects of transgenic organisms, e.g. as head of the project: "Evaluation of Field Tests of Transgenic Organisms in the USA" commissioned and funded by the Federal Environmental Agency (Umweltbundesamt) 1995-1998 and in 2000 the project "Biosafety Research, Risk Assessment and Monitoring of Transgenic Plants" for the technology assessment office (TAB) of the German parliament. This project was followed by the development of an UBA/OECD Consensus document. Interim report: "Agronomic and environmental aspects of the cultivation of transgenic herbicide resistant plants".

The implications and environmental effects of land use and agricultural practices are since then my general field of research and knowledge transfer. In this context I arranged a workshop on greening measures for biodiversity in context of the EU CAP (common agricultural policy) in 2011. Since 2016 my areas of interest have been expanded on innovations in dryland agriculture and sustainable solutions for conflicts in connection with water and land use.

Consultancy and knowledge transfer

I worked as a consultant for the German Chancellery (Bundeskanzleramt) and the OECD (both in 2004) as well as political parties and several CSOs before and after. I have been working as deputy member of the ZKBS (Zentrale Kommission für Biologische Sicherheit) since 2014. In 2015 and 2016 I was invited by the German Advisory Council on the Environment (SRU Sachverständigenrat für Umweltfragen) to comment its report.

Teaching at the University of Hamburg:

Part III–Tutorial: "*Sustainability*" of land use and consumption: Ecological aspects of land use and agriculture

Since 2016/16: module: "*Regulation of pests, beneficial and endangered species*"

Since 2016 2 Interdisciplinary modules: *Transformation conflicts on the national and EU-level* and *Global transformation conflicts*

Selected Publications

Schütte G. et al. (2017) "Herbicide resistance and biodiversity: agronomic and environmental aspects of genetically modified herbicide-resistant plants." *Environmental Sciences Europe* 29.1: 5.

+SUPPLEMENT Technical Report · January 2017 p.46. DOI: 10.1186/s12302-016-0100-y · License: CC BY 4.0, Herbicide resistance and biodiversity: Agronomic and environmental aspects of genetically modified herbicide-resistant plants.
<https://link.springer.com/article/10.1186/s12302-016-0100-y#SupplementaryMaterial>

Schütte, G. Artensterben im Agrarland und auf unseren Äckern. Pestizid-brief 01/2017 PAN Germany. 6 S.

Watts M, Clausing P, Lyssimachou A, Schütte G, Guadagnini R, Marquez E., 2016. Glyphosate. Ed. PAN Asia Pacific 10850 Penang, Malaysia. 96 S., <http://pan-international.org/wp-content/uploads/Glyphosate-monograph.pdf>

Graef F., Schütte G., Winkel B., Teichmann H., Mertens M (2010): Scale Implications for Environmental Risk Assessment and Monitoring of the Cultivation of Genetically Modified Herbicide-Resistant Sugar Beet: A Review
Living Reviews in Landscape Research , Volume 4, Irlr-2010-3

Schütte, G., Mertens M (2009): Potential effects of the introduction of a sugar beet variety resistant to glyphosate on agricultural practice and on the environment. German Federal Agency for Nature Conservation BfN-Skripten 277

Graef F.; Stachow U; Werner , A, Schütte G. (2007): Agricultural practice changes with cultivating genetically modified herbicide-tolerant oilseed rape. Agricultural Systems 94: 111-118

Schütte, G., Stachow, U, Werner A (2004): Agronomic and environmental aspects of the cultivation of transgenic herbicide resistant plants. Texte 11/04 Umweltbundesamt Berlin 111 S.

Schütte, G. (2003): Herbicide resistance: Promises and prospects of biodiversity for European Agriculture. Agriculture and Human Values 20:217-230

Schütte, G. (2002): Prospects of Biodiversity in Herbicide Resistant Crops, Outlook on Agriculture 31:193-198

Schütte, G., Stirn, S., Beusmann V (2001): Transgene Nutzpflanzen - Sicherheitsforschung, Risikoabschätzung und Nachgenehmigungs-Monitoring. Birkhäuser Verlag AG, Basel-Boston-Berlin, ISBN 3-7643-6475-0:

UBA (1998): Nutzung der Gentechnik im Agrarsektor der USA - Die Diskussion von Versuchsergebnissen und Szenarien zur Biosicherheit, Schütte, G. et al. (Hrsg.) 701 S. Berlin