

12271

**GMLS - International conference on
Implications of GM crop cultivation
at large spatial scales**

25th - 26th March 2010

[Home](#) [Motivation](#) [Flyer](#) [Programme](#) [Registration](#) [Location](#) [Contact](#) [GMLS 2008](#)

[Topics](#) [Programme](#) [Keynotes](#)

Thursday, March 25

9.30	<p>Welcome and Opening Karin Mathes, Vice President of the Parliament, State of Bremen Beatrix Tappeser, Federal Agency for Nature Conservation, BfN Thomas Hoffmeister, Institute of Ecology, University of Bremen</p>
Causes and Effects - Starting points for large scale implications	
10.00	<p>Gilles-Eric, Séralini (CRIIGEN, University of Caen, France) GM-crop consumption at large scale: Possible negative health impacts due to holes in assessment</p>
10.40	<p>Winfried Schröder, Broder Breckling & Fred Jopp (University of Vechta; University of Berlin, Germany) The round table on plant genetics convened by the German Ministry of Education and Research: Discussions of research requirements to assess environmental and social ecological implications of GMO</p>
11.10	<p>Jonathan Latham & Allison Wilson (The Bioscience Resource Project, Ithaka, USA) Off-target effects of plant transgenic RNA interference (RNAi)</p>
Lunch at 11.40	
Dispersal and coexistence of GMO - Modelling approaches	
13.10	<p>Chris Viljoen & Lukeshni Chetty (Univ. o. t. Free State, Bloemfontein; SANBI, Pretoria, South Africa) An African perspective of GM maize gene flow</p>
13.50	<p>Denis Worlanyo Aheto (University of Cape Coast, Ghana) Integrated approaches to facilitate large-scale regional monitoring of GM maize crops in smallholder African agriculture</p>
14.30	<p>Christiane Eschenbach, Wilhelm Windhorst et al. (University of Kiel, Germany; et al.) Potential GM-maize cropping in Schleswig-Holstein: Model and GIS based approaches to estimate the gm-share in conventional maize yield</p>
14.45	<p>Natalia Sirina, Christiane Eschenbach, et al. (Irkutsk State University, Russia; University of Kiel, Germany) Potential risk of GMO cropping in the area near Lake Baikal</p>
Coffee break at 15.05	
Assessment and Monitoring of GMO-Effects	
15.30	<p>Kathrin Pascher, Dietmar Moser, Stefan Dullinger et al. (CVL, University of Vienna, Austria) Setup, efforts and significance of a GMO monitoring program - An Austrian case study</p>
16.10	<p>Wiebke Züghart (BfN, Bonn, Germany) Environmental observation programs as a tool for general surveillance - First experiences and future requirements</p>

16.25	Jana Seeger & Juliane Filser (University of Bremen, Germany) Who does better on ruderal soils: oilseed rape or wild relatives?
16.45	Frieder Hofmann, Steffi Ober, Werner Kratz et al. (Ökologiebüro Bremen, Freie Universität Berlin, et al. Germany) Bt-Corn: Exposure of pollen and harvest by-products and risk management for nature reserve areas and freshwater ecosystems in Brandenburg
17.00	Peter Wagner (DIB - German Beekeeping Association, Diepholz, Germany) Influence of GM-crop cultivation on local apiculture and floral environment in all
17.15	General Discussion
Poster Session and Coffee break at 17.30	
Conference buffet at 18.00	

Friday, March 26

Management and control of GM-Crops at Large Spatial Scales	
9:00	Francisca Acevedo Gasman (CONABIO, Tlalpan, Mexico) Monitoring maize diversity in Mexico for decision making
9.40	Christof Then (Testbiotech, Munich, Germany) New pest in crop caused by large scale cultivation of GE maize
9.55	Geoffrey Squire, Mark Young & Alison Karley (Scottish Crop Research Institute, Dundee, UK) Comparative ecological effects of GM crops and other innovations in maritime arable-grass production systems
Coffee break at 10.15	
10.45	Rosa Binimelis & Iliana Monterroso (ICTA, Barcelona, Spain) Is there any room for alternatives? Socio-economic implications of GMOs cultivation at large-scale - Case study in Spain
11.25	Gillian Banks, Mark Young & Geoffrey Squire (Scottish Crop Research Institute, Dundee, UK) Increase and isolation of feral oilseed rape over 11 years in an agricultural region
11.45	Sabine Prescher, Alexandra Hüsken & Joachim Schiemann (JKI, Braunschweig, Germany) Study of maize fields and their surroundings in four EU countries regarding the suitability for coexistence of different maize cultivars
12.00	Christiane Eschenbach & Wilhelm Windhorst (Christian-Albrechts-University of Kiel, Germany) Development of the indicator "Genetic engineering and agriculture"
Lunch at 12.15	
Setting social ecological frames: Integrative interdisciplinary approaches	
13.45	Vinzenzo Pavone, Joanna Goven & Riccardo Guarino (CSIC, Madrid, Spain) From risk assessment to in-context trajectory evaluation: GMOs and their social implications
14.25	Morten Gylling (University of Copenhagen, Denmark) The Danish coexistence regulation and the Danish farmers attitude towards GMO
14.45	Jan Barkmann, Manuel Thiel, Wilhelm Windhorst et al.

	(Universität Göttingen, Germany) GM maize and oil seed rape in Germany: Economic welfare losses from large scale adoption scenarios
Coffee break at 15.00	
15.20	Klaus Müller & Thomas Weith (ZALF, Müncheberg, Germany) Risk governance: Communication strategies for co-existence with GMO
15.35	Sarah Stoppe-Ramadan & Gerd Winter (University of Bremen, Germany) EU and German law on co-existence: no solution to a systemic problem
15.50	Caroline von Kries & Gerd Winter (University of Bremen, Germany) The step by step-principle in GMO risk assessment
16.05	Angelika Hilbeck, Broder Breckling, Bernadette Oehen et al. (ecostrat GmbH, Zurich, Switzerland; et al.) Concept for implementation of the stepwise principle in environmental risk assessment of GMOs
End of the conference at 16.35	

Poster Session (as far as submitted)	
Claudia Bethwell, Frieder Graef, Ulrich Stachow et al. (ZALF, Müncheberg, Germany) Prioritizing GMO monitoring sites in dynamic cultivation systems and their environment - a conceptual on-farm approach	
Broder Breckling (University of Bremen, Germany) Dead end trends - lessons learned from cancelled GMO developments	
Christiane Eschenbach, Wilhelm Windhorst, Andreas Rinker et al. (University of Kiel, Germany) Potential GM-maize cropping in Schleswig-Holstein: Spatial heterogeneity of GM cultivation (Scenarios)	
Lukas Kleppin, Gunther Schmidt & Winfried Schröder (University of Vechta, Germany) Monitoring of genetically modified maize cultivation by means of a WebGIS	
Maren Langhof, Bernd Hommel, Alexandra Hüsken et al. (JKI, Quedlinburg, Germany) Effect of two different gap crops on pollen mediated gene flow in maize	
Robin Mesnage, Emilie Clair & Gilles-Eric Séralini (University of Caen, France) Roundup in genetically modified plants: regulation and toxicity on mammals	
Iwona Bartkowiak-Broda, Wieslawa Poplawska, Alina Liersch, Tadeusz Walkowski & Maria Ogrodowczyk (Plant Breeding and Acclimatization Institute, Poznan, Poland) Pollen- mediated intraspecific gene flow in winter oilseed rape (<i>Brassica napus</i> L. var. <i>oleifera</i>)	
Gunther Schmidt & Broder Breckling (University of Vechta, Germany) Lessons from the Triffid scandal: How to manage unauthorised GMO?	
Angelika Wurbs, Claudia Bethwell & Broder Breckling (ZALF, Müncheberg; University of Vechta; Germany) Scenario analyses of maize gene flow potential on the regional scale in Brandenburg (Germany)	

* The organisers will present a poster survey on selected scientific material and resources, which are available for download or can be requested as hardcopies at the conference office.

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