

## **Publications and presentations (status August 2022)**

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Google Scholar: <http://scholar.google.com/citations?user=tZ0jOjAAAAAJ>

## **Journal articles and reviewed papers**

1. Stein AJ, Lima M (2022). "Sustainable food labelling: considerations for policy-makers." *Review of Agricultural, Food and Environmental Studies* **103**: 143-160.  
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2. De Steur H, Stein AJ, Demont M (2022). "From Golden Rice to Golden Diets: How to turn its recent approval into practice." *Global Food Security* **32**: 100596.  
<https://doi.org/10.1016/j.gfs.2021.100596>
3. Stein AJ, Santini F (2022). "The sustainability of "local" food: a review for policy-makers." *Review of Agricultural, Food and Environmental Studies* **103**: 77-89.  
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[www.cast-science.org/publication/food-biofortification-reaping-the-benefits-of-science-to-overcome-hidden-hunger](http://www.cast-science.org/publication/food-biofortification-reaping-the-benefits-of-science-to-overcome-hidden-hunger)
5. Gödecke T, Stein AJ, Qaim M (2018). "The global burden of chronic and hidden hunger: Trends and determinants." *Global Food Security* **17**: 21-29. <http://doi.org/10.1016/j.gfs.2018.03.004>.  
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9. Stein AJ (2014). "Rethinking the measurement of undernutrition in a broader health context." *Global Food Security* **3**: 193-199. <http://doi.org/10.1016/j.gfs.2014.09.003>.  
Audioslides <http://audioslides.elsevier.com/ViewerSmall.aspx?doi=10.1016/j.gfs.2014.09.003>
10. Joy EJM et al. (2014). "Dietary mineral supplies in Africa." *Physiologia Plantarum* **151**: 208-229.  
<http://doi.org/10.1111/ppl.12144>
11. Demont M, Stein AJ (2013). "Global value of GM rice: a review of expected agronomic and consumer benefits." *New Biotechnology* **30**: 426-436. <http://doi.org/10.1016/j.nbt.2013.04.004>
12. Hurst R et al. (2013). "Soil-type influences human selenium status and underlies widespread selenium deficiency risks in Malawi." *Scientific Reports* **3**: 1425. <http://doi.org/10.1038/srep01425>
13. Fan S, Ringler C, Nkonya E, Stein AJ (2012). "Ensuring food and nutrition security in a green economy." *IFPRI Policy Brief* **21**: 1-4. Washington: International Food Policy Research Institute.  
[www.ifpri.org/publication/ensuring-food-and-nutrition-security-green-economy](http://www.ifpri.org/publication/ensuring-food-and-nutrition-security-green-economy)
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<http://doi.org/10.1007/s11104-009-0228-2>
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17. Qaim M, Stein AJ (2009). [de] "Biofortification of staple crops: how well does it work and what does it cost?" *Ernährungs-Umschau* **56**: 274-280. [www.ernaehrungs-umschau.de/archiv/summaries/?id=3858](http://www.ernaehrungs-umschau.de/archiv/summaries/?id=3858)  
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22. Stein AJ, Qaim M (2007). "The human and economic cost of hidden hunger." *Food and Nutrition Bulletin* **28**: 125-134. <http://doi.org/10.1177/156482650702800201>
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27. Zimmermann R, Stein A, Qaim M (2004). [de] "Agricultural technology to fight micronutrient malnutrition? A health economics approach." *Agrarwirtschaft* **53**: 67-76. [www.gjae-online.de/inhaltsverzeichnisse/pages/protected/show.prl?id=301](http://www.gjae-online.de/inhaltsverzeichnisse/pages/protected/show.prl?id=301)

### **Monographs, reports, book chapters and edited works**

1. Stein AJ (2015). "The poor, malnutrition, biofortification, and biotechnology." In: Herring RJ (ed). *The Oxford Handbook of Food, Politics, and Society*. New York: Oxford University Press. <http://doi.org/10.1093/oxfordhb/9780195397772.013.005>  
(manuscript: [www.ajstein.de/cv/Stein2014\\_OUP\\_Malnutrition.pdf](http://www.ajstein.de/cv/Stein2014_OUP_Malnutrition.pdf))
2. Demont M, Chen M, Ye G, Stein AJ (2014). "Rice." In: Smyth SJ, Phillips PWB, Castle D (eds). *Handbook on Agriculture, Biotechnology and Development*. Cheltenham: Edward Elgar, p. 675-690. <http://doi.org/10.4337/9780857938350.00049>
3. IFPRI [coordinated] (2014). *2013 Global Food Policy Report*. Washington: International Food Policy Research Institute, 141p. [www.ifpri.org/publication/2013-global-food-policy-report](http://www.ifpri.org/publication/2013-global-food-policy-report)
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5. Stein AJ, Rodríguez-Cerezo E (2012). "Global pipeline of GM crops by 2015: implications for socio-economic assessment." In: Lusser M, Raney T, Tillie P, Dillen K, Rodríguez-Cerezo E (eds). International workshop on socio-economic impacts of genetically modified crops, co-organised by JRC-IPTS and FAO. *JRC Scientific and Policy Reports EUR 25265*: 123-124. Luxembourg: European Commission. <http://ipts.jrc.ec.europa.eu/publications/pub.cfm?id=5019>
6. IFPRI [coordinated] (2012). *2011 Global Food Policy Report*. Washington: International Food Policy Research Institute, 114p. [www.ifpri.org/publication/2011-global-food-policy-report](http://www.ifpri.org/publication/2011-global-food-policy-report)
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10. Qaim M, Stein A (2011). [de] "Man shall not live by bread alone. Nutrient deficiency and the role of plant breeding." In: Zenner H-P (ed). Herausforderung Mensch: Energie, Ernährung, Gesundheit. *Verhandlungen der Gesellschaft Deutscher Naturforscher und Ärzte 126*: 103-115. Stuttgart: Thieme. [www.gdnae.de/de/start/aktivitaeten\\_und\\_angebote/versammlungen/dresden\\_2010.html](http://www.gdnae.de/de/start/aktivitaeten_und_angebote/versammlungen/dresden_2010.html)
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12. EFSA [draft] (2010). "Annual Report 2009." Parma: European Food Safety Authority, 67p. [www.efsa.europa.eu/en/keydocs/ar.htm](http://www.efsa.europa.eu/en/keydocs/ar.htm)
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14. Stein AJ, Qaim M (2009). [de] "Strategies to remedy micronutrient deficiencies." *Expert Opinion* for the Office of Technology Assessment at the German Parliament, Berlin, 106p. [www.tab-beim-bundestag.de/en/publications/reports/ab142.html](http://www.tab-beim-bundestag.de/en/publications/reports/ab142.html)
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17. Stein AJ, Rodríguez-Cerezo E (2008). "Functional food in the European Union." *JRC Technical Report EUR 23380*. Luxembourg: European Commission, 74p. <http://ipts.jrc.ec.europa.eu/publications/pub.cfm?id=1719>
18. Papatryfon I et al. (2008). "Consequences, opportunities and challenges of modern biotechnology for Europe." *JRC Technical Report EUR 23413*. Luxembourg: European Commission, 235p. <http://ipts.jrc.ec.europa.eu/publications/pub.cfm?id=1640>
19. Stein AJ, Rodríguez-Cerezo E (eds) (2007). GMCC: Third international conference on coexistence between genetically modified (GM) and non-GM based agricultural supply chains. *Book of abstracts*. Luxembourg: European Communities, 392p. <http://gmcc-07.jrc.ec.europa.eu/news.htm>

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### **Discussion papers, proposals and other documents**

1. Stein AJ (2016). "Shark-fin landing policy aids control." *Nature* **533**: 469. <http://doi.org/10.1038/533469e>
2. Stein AJ (2015). "Acceptance of 'GM food' in Europe: What people say and do." *ResearchGate Technical Report 2015/07*. doi:10.13140/RG.2.1.1052.9127. <http://www.researchgate.net/publication/280578072>
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4. Stein AJ (2014). "Addressing hunger has high returns on investment." In: IFPRI. *2013 Global Food Policy Report*. Washington: International Food Policy Research Institute, p. 20. [www.ifpri.org/gfpr/2013/ambitious-development-goal](http://www.ifpri.org/gfpr/2013/ambitious-development-goal)
5. Stein AJ (2013). "Re-thinking the measurement of undernutrition in a broader health context: Should we look at possible causes or actual effects?" *IFPRI Discussion Paper 1298*. Washington: International Food Policy Research Institute. [www.ifpri.org/publication/rethinking-measurement-undernutrition-broader-health-context](http://www.ifpri.org/publication/rethinking-measurement-undernutrition-broader-health-context)
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7. Geleta B et al. (2012). "Reducing the risk of food and nutrition insecurity among vulnerable populations." *Policy Brief*. Geneva, Washington: International Federation of Red Cross and Red Crescent Societies, International Food Policy Research Institute. [www.ifpri.org/publication/reducing-risk-food-and-nutrition-insecurity-among-vulnerable-populations](http://www.ifpri.org/publication/reducing-risk-food-and-nutrition-insecurity-among-vulnerable-populations)
8. Ceddia MG, Stein AJ (2011). "Ecological and health effects of insect-resistant crops in small-scale agriculture of developing countries." *Research proposal* for a private foundation.
9. Genius GmbH (2011). "Bio-Economy." *Tender document*. Berlin: Genius GmbH.
10. Genius GmbH (2011). "Economic, social and political conditions for satisfying the world food needs." *Tender document*. Berlin: Genius GmbH.
11. Sinemus K, Stein AJ (2010). [de] "Green biotechnology: communication as response to complexity." *VDL-Journal* **4/2010**: 4-5. [www.vdl.de/VDL\\_Journal\\_online/](http://www.vdl.de/VDL_Journal_online/)
12. Genius GmbH (2010). "Services for communication activities." *Tender doc*. Darmstadt: Genius.

13. Stein AJ, Rodríguez-Cerezo E (2009). "What can data on GMO field release applications in the USA tell us about the commercialisation of new GM crops?" *JRC Technical Note JRC 52545*. Luxembourg: European Commission. <http://ipts.jrc.ec.europa.eu/publications/pub.cfm?id=2419>
14. Stein AJ, Rodríguez-Cerezo E (2009). "The global pipeline of new GM crops: introduction to the database." *JRC Technical Note EUR 23810*. Luxembourg: European Commission. <http://ipts.jrc.ec.europa.eu/publications/pub.cfm?id=2199>
15. Stein AJ (2008). "Asynchronous approval of GMOs by the EU and its trading partners: the global R&D pipeline of new GM crops." *Mimeo*. Sevilla: Institute for Prospective Technological Studies.
16. Stein AJ (2008). "The potential role of agricultural technologies in mitigating climate change." *Mimeo*. Sevilla: Institute for Prospective Technological Studies.
17. Stein AJ, Rodríguez-Cerezo E (2008). "Mycotoxin contamination in the food and feed chain: potential impacts of improved agricultural technologies and practices on public health and EU trade." *Research proposal*. Sevilla: Institute for Prospective Technological Studies.
18. Stein AJ (2008). "The impact and cost-effectiveness of biofortification." *Summary paper of a technical consultation on "Micronutrient deficiencies: can agriculture meet the challenge?"* FAO Regional Office for the Near East, December 11-13, Cairo, Egypt. Manuscript: [www.ajstein.de/cv/Stein\\_FAO\\_biofortification.pdf](http://www.ajstein.de/cv/Stein_FAO_biofortification.pdf)
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20. Stein AJ, Sachdev HPS, Qaim M (2006). "Can genetic engineering for the poor pay off? An ex-ante evaluation of Golden Rice in India." *Research in Development Economics and Policy* 5. Stuttgart: University of Hohenheim. <https://entwicklungspolitik.uni-hohenheim.de/74733.html>
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22. Sandwidi J-P, Stein AJ (2003). "Problems and prospects in utilising international water resources: the case of the Nile." *Best PhD term paper of the year 2003/04*. Center for Development Research (ZEF), Bonn. Manuscript: [www.ajstein.de/cv/Sandwidi\\_ZEF\\_utilisingNile.pdf](http://www.ajstein.de/cv/Sandwidi_ZEF_utilisingNile.pdf)
23. Stein AJ (2003). "Determinants of micronutrient nutrition and the potential role of novel, food-based strategies in diminishing corresponding malnutrition: an economic analysis?" *Research proposal*. Center for Development Research (ZEF), Bonn. Manuscript: [www.ajstein.de/cv/Stein\\_ZEF\\_researchproposal.pdf](http://www.ajstein.de/cv/Stein_ZEF_researchproposal.pdf)

**Conference papers, invited presentations, panel discussions etc.**

1. Gödecke T et al. (2017). "Strategies to reduce global hunger." Poster for the XV. EAAE Congress, August 28-September 1, Parma, Italy. [www.conftool.com/eaae2017/index.php?page=browseSessions&mode=table&presentations=show](http://www.conftool.com/eaae2017/index.php?page=browseSessions&mode=table&presentations=show)
2. Stein AJ (2014). "Rethinking the measurement of undernutrition in a broader health context: Should we look at possible causes or actual effects?" *Invited presentation* at the GlobalFood Research Colloquium at the University of Göttingen, March 21, Göttingen, Germany.
3. Stein AJ (2013). "Measuring food and nutrition security based on health outcomes, not food availability." *Oral presentation* at the "International Conference on Global Food Security", September 29 - October 2, Noordwijkerhout, Netherlands. [www.ajstein.de/cv/Stein\\_GFS2013\\_FoodSecurity.pdf](http://www.ajstein.de/cv/Stein_GFS2013_FoodSecurity.pdf) (paper)  
[www.ajstein.de/presentation/Stein\\_GFS\\_2013.pdf](http://www.ajstein.de/presentation/Stein_GFS_2013.pdf) (presentation).

4. Stein AJ (2013). "Measuring food and nutrition security based on health outcomes." DGO Brown Bag Seminar at IFPRI, July 31, Washington, USA.
5. Stein AJ (2013). "Revisiting DALYs saved: ex-ante cost-effectiveness analysis of biofortification." *Brown bag seminar* at HarvestPlus, May 30, Washington, USA.
6. Demont M, Stein AJ (2012). "Global value of GM rice." *Paper* for the 16<sup>th</sup> ICABR Conference – 128<sup>th</sup> EAAE Seminar on "The Political Economy of the Bioeconomy", June 24-17, Ravello, Italy. [www.economia.uniroma2.it/icabr-conference/paper\\_view.php?id=2809&p=15](http://www.economia.uniroma2.it/icabr-conference/paper_view.php?id=2809&p=15)
7. Stein AJ (2012). "Biofortification of staple crops in Latin America: When is it worth it?" *Brown bag lunch* of the LAC Nutrition Beam, World Bank, March 8, Washington, USA. [www.securenutritionplatform.org/Lists/Events/DispForm.aspx?ID=31](http://www.securenutritionplatform.org/Lists/Events/DispForm.aspx?ID=31)
8. Stein AJ (2011). "Economic aspects and the impact of EU policies on GM crop production, an overview." *Invited presentation* at the IV. Eurobiotech Congress, October 12-15, Krakow, Poland. <http://eurobiotech.krakow.pl/>
9. Stein AJ (2011). [de] "Opportunities and challenges of agricultural biotechnology for future food security." *Discussion forum* organised by the protestant advisory council, May 26, University of Magdeburg, Germany. [http://hochschulbeirat-md.de/index.php?option=com\\_content&id=106](http://hochschulbeirat-md.de/index.php?option=com_content&id=106)
10. Stein AJ (2010). "The global pipeline of new GM crops: implications of asynchronous approval for international trade." *Invited presentation* at a JRC workshop, November 4-5, Sevilla, Spain.
11. Stein AJ (2010). [de] "Socio-economic criteria in the regulation of biotechnology and the approval of GMOs." *Invited presentation* at an evening with Parliamentary Assistants, organised by the German Association of Biotech Industries, October 27, Berlin, Germany.
12. Stein AJ (2010). "Health economic analyses." *Invited presentation* at a workshop on Ecosystem services to alleviate iodine, selenium and zinc malnutrition in sub-Saharan Africa", September 13-16, Lilongwe, Malawi. [www.ajstein.de/presentation/Stein\\_SummaryTalk\\_HealthEconomics.pdf](http://www.ajstein.de/presentation/Stein_SummaryTalk_HealthEconomics.pdf)
13. Stein AJ (2010). "Farming for fitness: the economics of putting vitamins and minerals into staple crops." *Invited presentation* at a seminar of the Plant and Crop Sciences Division of the University of Nottingham, May 5, Loughborough, UK. [www.ajstein.de/presentation/Stein\\_Notts\\_2010.pdf](http://www.ajstein.de/presentation/Stein_Notts_2010.pdf)
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### **Selected contributions to online media**

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