



Save the dates

Public Lecture with Professor Holm Tiessen, Director of the Inter-American Institute for Global Change Research in Uruguay and ZEF Board member, on "**Translating Science into Action**".
Wednesday, September 14, 6:00 p.m. -8:30 p.m. in ZEF's right conference room.

Workshop on "**Civilizing Resource Investments and Extractive Industries: Societal Negotiations and the Role of Law**". September 22-23, 9:00 a.m.-5:00 p.m. in ZEF's room 1.049 [\[register\]](#)

Final conference - FOODSECURE "**Policies that matter**". Wednesday, October 12, 9:15 a.m.-6:00 p.m. in The Square, Brussels. [\[more\]](#)

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In focus: Agricultural Innovations [\[download\]](#)



ZEF project "EssZert" receives Elsevier Atlas Award for a study on bioenergy

The outcome of ZEF's research project "EssZert", dealing with the certification of bioenergy, was published in an award-winning Elsevier article titled "As Bioenergy Booms, Certification Schemes Must Consider Food Security". The awarded article was one of 12 articles selected over the year by an Elsevier Atlas advisory board out of 35,000 articles in total. [\[more\]](#)

NEWS

STRIVE: New project on bioeconomy launched at ZEF

July 2016. The project STRIVE (Sustainable TRade and InnoVation transfer in the bioEconomy: from national strategies to global sustainable development goals) combines interdisciplinary research expertise to improve the knowledge base designing sustainable bioeconomy policies and investments. The project will be funded by the German Federal Ministry of Education and Research (BMBF) with a total sum of approximately 3 billion Euros. [\[more\]](#)

ZEF and the Right Livelihood College at the Global Media Forum

June 14, 2016. Right Livelihood Award Laureate Kasha Nabagesera spoke on a panel about "Born free and equal? Reporting on the global struggle for LGBT rights" at the Deutsche Welle Global Media Forum. Together with Claudia Roth, Vice President of the German Bundestag, Mahmoud Haseeno, a Syrian journalist, and Kriss Rudolph, Editor-in-Chief of MÄNNER Magazine, she spoke on hate crimes, anti-gay laws, homophobia and the role of the media. See video podcast [here](#). [\[more\]](#)

Cooperation between ZEF and IPADS moves forward

January 2016. The cooperation between the International Program in Agricultural Development Studies at the University of Tokyo in Japan and ZEF moves forward. Professor Kensuke Okada paid a working visit to ZEF in January 2016 and a group of ZEF junior



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researcher visited the University of Tokyo in March 2016 for joint lectures and training. [\[Interview with Prof. Okada\]](#) [\[ZEF students in Tokyo\]](#)

SDSN Germany sent a position paper on Germany's national sustainability strategy to Federal Ministers

June 2016. SDSN Germany sent a position paper on the German national sustainability strategy to the relevant Federal Ministers. ZEF's Senior Researcher Jan Börner is a member of SDSN Germany's steering committee. [\[more\]](#)

Second PAUWES school at ZEF

March-April 2016. ZEF co-organized a one-week course program for students from the Pan African University Institute of Water and Energy Sciences (PAUWES) based in Tlemcen, Algeria. Twenty-two students from eight African countries participated in the second Spring School held at ZEF from March 27-April 1, 2016. [\[more\]](#)

Georg Forster Awardee Prof. Soares-Filho guest professor at ZEF

March 2016. Professor Britaldo Silveira Soares Filho from the Federal University of Minas Gerais in Belo Horizonte, Brazil, was one of eight Georg Forster Awardees of the Alexander von Humboldt-Foundation. Professor Filho is hosted by Robert Bosch Junior Professor Jan Börner at ZEF and gave a public lecture on "Environmental modelling in support of sound policy development" [\[more\]](#)

African network of DAAD excellence centers meets in Accra

March 2016. Thirty-two representatives from the eight DAAD-sponsored Centres of Excellence in Africa gathered for the seventh DAAD Network Meeting. The meeting was hosted by the Ghanaian-German Centre for Development Studies (GGCDS), run by ZEF in collaboration with the Institute of Statistical, Social and Economic Research (ISSER), University of Ghana, from March 3-5, 2016. [\[more\]](#)

ZEF in top positions of international Think Tanks ranking again

February 2016. The latest ranking of the University of Pennsylvania "Global GO TO Think Tank Index Report 2015" lists ZEF in three important categories: Top Science and Technology Think Tanks: Rank 3. Best University Affiliated Think Tanks: Rank 22. Top Energy and Resource Policy Think Tanks: Rank 27. [\[more\]](#)

ZEF Press conference on land degradation in Berlin

February 2016. Land degradation is on the rise to a dramatic extent, affecting around 3.2 billion people worldwide. Every dollar invested in saving land and soils today will save us five dollars in the future. Professor Klaus Töpfer, former Executive Director of UNEP; Professor Joachim von Braun, Director of the Center for Development Research, University of Bonn (ZEF); and Dr. Stefan Schmitz, German Federal Ministry for Economic Cooperation and Development (BMZ) presented the latest research insights on this issue at a press conference in Berlin on February 11, 2016. [\[more\]](#) [\[press coverage \(in German\)\]](#) [\[press coverage \(in English\)\]](#)

Best Paper Award for ZEF researcher Oliver Kirui at the Indo-German Conference on Sustainability in Chennai India

February 2016. ZEF's work on the Economics of Land Degradation was recognized with another award at the Indo-German Conference on Sustainability (IGCS) held at the India Institute of Technology, Madras, on February 27 and 28, 2016. Oliver Kirui's paper on 'Economics of Land Degradation and Sustainable Land Management in Eastern Africa' was adjudged as the best paper presented at the conference by the jury. [\[more\]](#)

ZEF EVENTS / Public Lectures

Sustainable solutions for global agriculture.

Panel discussion at ZEF, co-organized with the International Federation of Agricultural Journalists in the context of its international congress. July 13, 2016. [\[more\]](#) [\[video\]](#)

Import Substitution Policies and Foreign Direct Investment in Developing Countries during the Cold War. By Dr. Jean-Jacques Dethier.

ZEF Public Lecture. July 7, 2016. [\[more\]](#)

ZEF at the "Zukunftstour" organized by the Federal Ministry of Economic Cooperation and Development (BMZ). Science slam by ZEF researchers Janina Kleeman and Jan-Henning Sommer on "How the climate is changing Africa" (in German).

ZEF @Zukunftstour Bonn. June 30, 2016. [\[more\]](#)

Measuring the SDGs – Is Big Data the solution? Mr. Johannes Jütting.

ZEF Public Lecture. June 27, 2016. [\[more\]](#)

IF NOT NOW, WHEN? Planning for Urban Water-Energy-Food Nexus in Indian Himalaya. By Dr. Daphne Gondhalekar.

Bonn Water Lecture at ZEF. June 16, 2016. [\[more\]](#)

RLC public panel discussion on LGBTI Rights in the Development Discourse.

ZEF Public Lecture. June 13, 2016. [\[more\]](#)

The Mission: Human Capital Transmission, Economic Persistence and Culture in South America. By Felipe Valencia Caicedo.

ZEF Public Lecture. June 10, 2016. [\[more\]](#)

ZEF @ tenth Science Night of Bonn University on "Water Worlds"

June 3, 2016. [\[more\]](#)

Meeting Food Security Challenges in the Face of Climate Change. By Prof. Gebisa Ejeta with comments from Joachim von Braun.

Lecture Series "Global Solutions for Sustainable Development". May 17, 2016. [\[more\]](#)

How to achieve effective participation of communities in the

monitoring of REDD+ projects: A case study of the Democratic Republic of Congo (DRC). By Joelle Mukungu.

ZEF Public Lecture. April 28, 2016. [[more](#)]

Social preferences and migration outcomes. By Prof. Oded Stark.

ZEF Public Lecture. April 13, 2016. [[more](#)]

Time for Change: Breathing life back into the MENA region agricultural transformation. By Dr. Andrew Noble.

ZEF Public Lecture. April 5, 2016. [[more](#)]

Environmental modelling in support of sound policy development. By Britaldo Silveira Soares Filho.

ZEF Public Lecture. March 30, 2016. [[more](#)] [[video](#)]

Solutions for a water secure and urbanizing world. By Mr. Jeremy Bird.

Bonn Water Lecture at ZEF. March 15, 2016. [[more](#)]

Wasser als Waffe des IS: Wie weiter in Syrien und Irak? By Tobias von Lossow and Ralf Klingbeil.

Bonn Water Lecture at DIE. March 2, 2016. [[more](#)]

Payments for Hydrological Ecosystem Services in Integrated Water Resources Management. By Dr. Jochen Hack.

Bonn Water Lecture at ZEF. February 2, 2016. [[more](#)]

Large farm establishments in Ethiopia – are there spillover effects? By Dr. Klaus Deininger.

ZEF Public Lecture. January 29, 2016. [[more](#)]

ZEF at "Green Week" 2016 in Berlin

January 16 - 18, 2016. [[more](#)] [[Video](#)]

ZEF IN THE PRESS

Wie geht's unseren Böden? Radiomitschnitt einer Diskussionsrunde während der Woche der Umwelt, u.a. mit ZEF-Direktor Joachim von Braun. Inforadio.de.

Agrarökonom Joachim von Braun: Neue Zukunft mit Autoreifen aus Löwenzahn. Gespräch mit der Rhein-Neckar-Zeitung. (German) [Artikel hier](#).

Maden statt Fischmehl - Futtermittel aus Insekten. ZEF-Direktor Christian Borgemeister im Gespräch mit dem Bayrischen Rundfunk. (German) [Artikel hier](#).

Wem gehört das Leben? Zitat von ZEF-Direktor Joachim von Braun in STERN-Reportage zu Monsanto und Kleinbauern in Afrika. Podcast (in German): [Stern Podcast Folge 21/2016](#)

Chancen für Fachkräfte - Der Arbeitsplatz Landwirtschaft wird immer globaler. Editorial von ZEF-Direktor Joachim von Braun. [Editorial VDL-Journal 1/2016](#)

Ich forsche gerade... ZEF senior researcher Jan Börner about his research in the rainforest in an interview with the Bonner General Anzeiger, April 20, 2016. [\[In German\]](#)

African countries are losing up to 5-10 points of their GDP due to land degradation. ZEF-director Joachim von Braun in an interview with Le Soleil in Senegal. [\[In French\]](#)

Portrait: Biodiversity as an indicator of ecosystem resilience in West Africa. ZEF junior researcher Nicholas Moret was interviewed by the Bonn Sustainability Portal. [Read the full interview here.](#)

Neues Fortschrittskolleg NRW in Bonn untersucht globale Gesundheitsfragen. ZEF leitet eines der sechs Fortschrittskollegs NRWs. [\[In German\]](#)

Afrikas Kampf gegen die Dürre: Immense Aufgaben für die Politik. Interview der Deutschen Welle mit Oliver Kirui, Ökonom am ZEF. [Artikel online.](#)

Ein Verbot muss möglich sein. Interview mit ZEF-Direktor Joachim von Braun über den Umgang mit Spekulationen von Nahrungsmittelpreisen. Artikel [online hier.](#)

Article on [African farmers struggle to feed continents booming population](#) with quotation of ZEF-director Joachim von Braun. Source: Gulf Times

The University of Bonn interviewed our junior-professor Jan Börner. [\[In German\]](#)

Auf der Erde liegt das Gold. An article on the importance of land by Christoph Link/Stuttgarter Zeitung. [\[In German\]](#)

Behind small farm transformation: The Bangladeshi newspaper The Financial Express published an article about a study by Joachim von Braun and Alisher Mirzabaev on the transformation of small farms [\[In English\]](#)

The German newspaper Handelsblatt published an article on the impact of climate change on health with a quotation of ZEF-director Joachim von Braun. [\[In German\]](#)

First conference on bioeconomy in Berlin: There are still a lot of steps to do. Interview of the newspaper "Handelsblatt" with ZEF director Joachim von Braun. [\[In German \(Handelsblatt\)\]](#) [\[In German \(Deutschlandfunk\)\]](#)

DOCTORAL DEFENSES (since December 2015)

The Role of Storage and Information in Stabilizing Food Prices and Supplies. By [Jan Brockhaus](#) on July 8.

Above- and belowground carbon stocks in semi-arid land use systems under integrated Watershed Management in Gergera watershed, Ethiopia. By [Tigist Araya Gessesse](#) on July 5.

Industrial Water Pollution in Dongying City, the Yellow River Delta of China: Communication Interfaces between Government Agencies and the Local Population. By [Jiixin Tan](#) on July 1.

Water Policy in South Africa: Effects, Impacts, and the associated transaction costs in the Olifants basin. By [Georgina Wambui](#) on June 1.

Economics of Land Degradation, Sustainable Land Management and Poverty in Eastern Africa. By [Oliver Kirui](#) on April 25.

Potential of organic manures in rainfed lowland rice-based production systems on sandy soils of Cambodia. By [Sophoanrith Ro](#) on April 15.

Assessing the Role of Trade and Reserve Cooperation in the Food Price Dynamics: Indonesia in the Regional and Global Economic Architecture. By [Irfan Mujahid](#) on April 15.

Public Services, Social Protection and Poverty: Evidence from Indonesia. By [Rythia Afkar](#) on April 15.

Environmental and Health Impacts of Informal E-waste Recycling in Agbogbloshie, Accra, Ghana: Recommendations for Sustainable Management. By [Vincent Kyere](#) on March 31.

Pastoral Practices, Economics, and Institutions of Sustainable Rangeland Management in Kenya. By [Evelyne Nyathira Kihui](#) on March 21.

Global value chains and the role of innovation for sustainable palm oil: An international bioeconomy analysis for Malaysia. By [Siti Rahyla Rahmat](#) on December 16.

Latest PUBLICATIONS

ZEF Working Papers

149 **Changing Livelihoods in Rural Cambodia: Evidence from panel household data in Stung Treng.** Sharma, R., Nguyen, T.T., Grote, U. and T.T. Nguyen. [[download](#)]

148 **Rural Crime in Developing Countries: Theoretical Framework, Empirical Findings, Research Needs.** Grote, U. and F. Neubacher. [[download](#)]

147 **Migrants' religious spaces and the power of Christian Saints – the Latin American Virgin of Cisne in Spain.** 2016. Youkhana, E. [[download](#)]

146 **Social Safety Nets for Food and Nutritional Security in India.** 2016. Narayanan, S. and N. Gerber. [[download](#)]

145 **Changing Aspirations, Cultural Models of Success, and Social Mobility in Northern Ghana.** 2015. Laube, W. [[download](#)]

144 **Tapping Potentials of Innovation for Food Security and Sustainable Agricultural Growth: An Africa-Wide Perspective.** 2015. Husmann, C., von Braun, J., Badiane, O., Akinbamijo, Y., Abiodun, F.O. and D. Virchow. [[download](#)]

You can find all ZEF Working Papers [here](#).

ZEF Discussion Papers

222 **Arsenic Contamination of Drinking Water and Mental Health.** Chowdhury, S., Krause, A. and K.F. Zimmermann. 2016. [[download](#)]

221 **The Impact of Drinking Water Quality and Sanitation on Child Health: Evidence from Rural Ethiopia.** Usman, M.A., Gerber, N. and J. von Braun. 2016. [[download](#)]

220 **Determinants of Household Drinking Water Quality in Rural Ethiopia.** Usman, M.A., Gerber, N. and E.H. Pangaribowo. 2016. [[download](#)]

219 **Impact of different irrigation systems on water quality in peri-urban areas of Gujarat, India.** Ruchi Vangani, Nicolas Gerber, Deepak Saxena, Dileep Mavalankar, and Joachim von Braun. 2016. [[download](#)]

218 **Bush Encroachment Mapping for Africa: Multi-scale analysis with remote sensing and GIS.** Graw, V., Oldenburg, C. and O. Dubovyk. 2016. [[download](#)]

217 **The impacts of piped water on water quality, sanitation, hygiene and health in rural households of north-western Bangladesh - a quasi-experimental analysis.** Hasan, M.M. and N. Gerber. 2016. [[download](#)]

216 **Beyond adoption: welfare effects of farmer innovation behavior in Ghana.** Tambo, J.A. and T. Wünscher. 2016. [[download](#)]

215 **Improving Access to Livestock Markets for Sustainable Rangeland Management.** E.N. Kihui and F. Amuakwa-Mensah. 2016. [[download](#)]

214 **The effect of aspirations on agricultural innovations in rural Ethiopia.** Mekonnen, D.A. and N. Gerber. 2016. [[download](#)]

213 **Can a specially designed information intervention around the WASH-agriculture linkages make any difference? Experimental evidence of behavioral changes and health**

impacts. Malek, M.A., Khan, T.N., Gerber, N., Saha, R. and I. Mohammad. 2016. [[download](#)]

212 Aspirations and income, food security and subjective well-being in rural Ethiopia. Mekonnen, D.A. and N. Gerber. 2016. [[download](#)]

211 Can a concern for status reconcile diverse social welfare programs? Stark, O. and M. Jakubek. 2016. [[download](#)]

210 Gender differences in climate change perceptions and adaptation strategies: an intra-household analysis from rural Kenya. Ngigi, M.W., Mueller, U. and R. Birner. 2016. [[download](#)]

209 A generic model for analyzing nexus issues of households' bioenergy use. Djanibekov, U., Finger, R., Guta, D.D., Gaur V. and A. Mirzabaev. 2016. [[download](#)]

208 The Effect of Industrial Cluster Policy on Firm Performance in Ethiopia: Evidence from the Leather Footwear Cluster. Getahun, T.D. 2016. [[download](#)]

207 Comparing the global and merged with the local and separate: On a downside to the integration of regions and nations. Stark, O. 2015. [[download](#)]

206 Gender differentiation in risk-taking behavior: On the relative risk aversion of single men and single women. Stark, O. and E. Zawojka. 2015. [[download](#)]

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ZEF Policy Briefs

24 Economics of Land Degradation and Improvement A Global Assessment for Sustainable Development. 2015. Ephraim Nkonya, Alisher Mirzabaev and Joachim von Braun. [[download](#)]

23 Costs, drivers and action against land degradation in Senegal. 2015. Samba Sow, Ephraim Nkonya, Stefan Meyer, Edward Kato and Timothy Johnson. [[download](#)]

22 Economics of land degradation and improvement in Niger. 2015. Bokar Moussa, Ephraim Nkonya, Stefan Meyer, Edward Kato, Timothy Johnson and James Hawkins. [[download](#)]

21 Economics of Land Degradation in sub-Saharan Africa. 2015. Ephraim Nkonya, Timothy Johnson, Ho Young Kwon, and Edward Kato. [[download](#)]

20 Economics of Land Degradation in Argentina. 2015. Mariana E. Bouza et al. [[download](#)]

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Further ZEF publications

ZEF strategy 2015-2020. ZEF's research activities, strategic directions and long-term goals for the Center over the next five years. [\[download\]](#)

Books and peer-reviewed journal articles

Adaawen, S.A. 2015. **Changing Reproductive Behaviour and Migration as Response to Climate/Environmental Change: Evidence from Rural Northern Ghana.** In: Hilmann, F., M. Pahl, B. Rafflenbeul & S. Harald (eds.): Migration, Environmental Change and Adaptation – Bringing in the Region. Palgrave Macmillan. 203-222. [\[more\]](#)

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