



Upcoming events

ZEF Public Lecture: Should Land Degradation Neutrality be made a Fundamental Principle of International Law. Lecture by Richard A. Byron-Cox, UNCCD Action Programme Alignment and Capacity Building Officer. Thursday, January 22, at 1.30 - 2.30 p.m. [[more](#)]

Public Lecture with ZEF-director Christian Borgemeister on "Kaffee und Malaria. Zwei Geschichten aus dem Regenwald" (in German). Museum König, Bonn, January 14, 7 p.m. [[more](#)]

ZEF introduction and panel discussion at Global Forum for Food and Agriculture (GFFA): Primacy of food security in bio-economies – an illusory precondition? January 16, Berlin [[more](#)]

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Anna-Katharina Hornidge is new Director and Professor of ZEF's Department of Political and Cultural Change

Anna-Katharina Hornidge has been appointed director at ZEF for the coming three years as of August 1, 2014. Her "habilitation" / inauguration talk as a "Privatdozent (PD)" at the Dies Academicus of Bonn University on December 3, 2014 was attended by more than 70 people. Watch the talk of Ms. Hornidge on [ZEF's youtube-channel](#) or read an interview with her [here](#)

NEWS

GCHERA World Agriculture Prize for Professor Paul Vlek

Former ZEF-director Paul Vlek received the GCHERA World Agriculture Prize on September 20, 2014. Mr. Vlek was honored for his leadership and achievements in educating students and researchers as well as in establishing worldwide cooperation projects. [[more](#)] [[press release in German](#)]

PAUWES: ZEF embarks on capacity building in Algeria

December 2014. ZEF started a new research and capacity building initiative, together with UNU in Bonn and the Cologne University of Applied Sciences, to support the Pan African University Institute of Water and Energy Sciences (PAUWES) at the Abou Bekr Belkaid University in Tlemcen, Algeria. [[more](#)] [[Press coverage in German](#)]

Boosting citrus production in Kenya and Tanzania: ZEF joins international research consortium

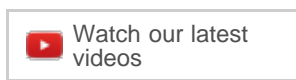
December 2014, ZEF will work together with [icipe](#) in Kenya, Texas A&M University and the Citrus Research International in South Africa on integrated control strategies to strengthen citrus production systems in Kenya and Tanzania. [[more](#)]

ZEF junior researcher appointed DAAD Research Ambassador for Bhutan

September 2014. Sonam Tashi, ZEF junior researcher from



In focus: Governance of natural resources [\[download\]](#)



Bhutan, was nominated by the Regional Office New Delhi of the German Academic Exchange Service (DAAD) as a Research Ambassador for his country. [\[more\]](#)

ZEF junior researcher receives "Young Rice Scientist Award"

October 2014. ZEF junior researcher Abu Hayat Md Saiful Islam has been awarded the "Young Rice Scientist Award" for his paper on "Impact of integrated aquaculture-agriculture technologies value chain participation on welfare of marginalized indigenous households in Bangladesh: a panel data analysis". [\[more\]](#)

Prize for best conference paper awarded to ZEF junior researcher Francis Mwambo

ZEF junior researcher Francis Molua Mwambo was awarded the prize for the best paper presented at a conference on Ethics of Food Security in a Changing Society – Learning from the Past to Shape the Future in Cumberland Lodge, United Kingdom, September 24, 2014. [\[more\]](#)

ZEF EVENTS / Public Lectures

Land markets and the reinvention of customary land administration in Ghana. By Kojo Amanor

ZEF Public Lecture. December 18, 2014. [\[more\]](#)

The biogeochemical model Landscape DNDC. By Rüdiger Grote

ZEF Public Lecture. December 3, 2014. [\[more\]](#)

Crossroads Asia Conference on "Crossroads Studies: Mobilities, Immobilities and the Issue of Positionality for Rethinking Area Studies"

Bonn, November 27-28, 2014. At this conference brought together the empirical research conducted by network members and guest speakers [\[www.crossroadsasia.de\]](http://www.crossroadsasia.de) You can watch conference talks and interviews with participants [here](#).

The convergence of agriculture and health – emerging evidence. By John McDermott.

ZEF Public Lecture. November 13, 2014 [\[more\]](#)

German Launch of the World Social Science Report 2013

November 3, 2014. Panel discussion at ZEF on the occasion of the launch of the World Social Science Report 2013. See [\[more\]](#) information and press coverage from WDR [\[article\]](#) and General Anzeiger [\[article\]](#)

Food Security: Can transgenic crops feed the world? By Charito P. Medina. ZEF Public Lecture. October 8, 2014 [\[more\]](#)

Innovation for Sustainable Intensification: the roles of ecology, genetics and socio-economics. By Gordon Conway.

Risk and Uncertainty Lecturer at ZEF. September 22, 2014 [\[more\]](#)

WASCAL workshop on Climate Change in Africa

On September 10-12, 2014, ZEF hosted a conference on behalf of the WASCAL Competence Center in Ouagadougou on "Climate Change in Africa. Translations negotiations and socio-political implications" [\[more\]](#)

Water, Sanitation, Agriculture, and Nutrition – BRAC Experience. By Dr. Mahabub Hossain.

ZEF Public Lecture. September 8 [[more](#)]

Why human rights matter for the post-2015 agenda. DIE/ZEF public lecture. By Joshua Castellino.

ZEF Public Lecture. September 3, 2014 [[more](#)]

Contribution of icipe in agricultural transformation. By Segenet Kelemu.

ZEF Public Lecture. August 29, 2014 [[more](#)]

2nd International ZEF-IFPRI Workshop on Food Price Volatility and Food Security

On July 8-9 2014, the second international ZEF-IFPRI Workshop on Food Price Volatility and Food Security took place at ZEF [[more](#)]

ZEF IN THE PRESS

ZEF-director Joachim von Braun about the role and potential of small-scale farmers in Bangladesh. October 21, 2014. [[Financial Express](#)]

"Entschlüsselt: die Kaffeebohne", Manfred Denich, ZEF senior researcher, zu Wildkaffee in Äthiopien. September 5, 2014. [[Stuttgarter Zeitung](#)]

"Wer füllt den Brotkorb?" - Interview mit ZEF junior researcher Philipp Baumgartner September 25, 2014. [[planeterde.de](#)]

"Bekämpfung von Hunger ist immer komplexer geworden", Interview mit Joachim von Braun. October 15, 2014. [[Bundeszentral für politische Bildung](#)]

"Wie sieht die Ernährung der Zukunft aus?" Journalist fordert Stärkung von Kleinbauern, Agrarökonom setzt auf neue Technologien. November 1, 2014. [[Deutschlandradio Kultur](#)]

"Welternährungskonferenz in Rom: Satt, aber mangelernährt", Interview mit ZEF senior researcher Detlef Virchow. November 19, 2014. [[SWR](#)]

Interview with ZEF's Jr.-Prof. Jan Börner: "Carrots or sticks? Balancing cost-effectiveness, equity in Brazil's deforestation policy". [[more](#)]

Interview mit Jr.-Prof. Jan Börner "Man darf nicht ungeduldig sein". December 8, 2014. [[General-Anzeiger](#)]

Interview with ZEF senior researchers Lisa Biber-Freudenberger (November 26, 2014) and Stephen Adaawen (December 16, 2014). Portraits of Young Researchers on [[www.bonnsustainabilityportal.de](#)]

Erste Klimaexperten für Westafrika in Bonn ausgebildet. October 27, 2014. [[WDR](#)]

You can read more press coverage about ZEF [here](#).

DOCTORAL DEFENSES (since August 2014)

The private sector and the marginalized poor - An assessment of the potential role of business in reducing poverty and marginality in rural Ethiopia. By [Christine Husmann](#) on October 31, 2014.

Impacts of climate change and land-use change on the water resources of the Upper Kharun Catchment, Chhattisgarh, India. By [Navneet Kumar](#) on September 10, 2014.

Carbon sequestration through afforestation of degraded croplands in northwest Uzbekistan. By [Tillman Schachtsiek](#) on August 6, 2014.

Latest PUBLICATIONS

ZEF Working Papers

136 An optimization model for technology adoption of marginalized smallholders: Theoretical support for matching technological and institutional innovations. 2014. Iskandar, D.D. and F. Gatzweiler. [[download](#)]

135 Bioenergy, Food Security and Poverty Reduction: Mitigating tradeoffs and promoting synergies along the Water-Energy-Food Security Nexus. 2014. Mirzabaev, A., Guta, D., Goedecke, J., Gaur, V., Börner, J., Virchow, D., Denich, M. and J. von Braun. [[download](#)]

134 Health insurance and health environment: India's subsidized health insurance in a context of limited water and sanitation services. 2014. Mc Bain, F. [[download](#)]

133 Approaches to managing disturbance and change: Resilience, vulnerability and adaptability. 2014. Callo-Concha, D. [[download](#)]

132 Science, technology and innovation in the context of development. An overview of concepts and corresponding policies recommended by international organisations. 2014. Schwachula, A., Vila Seoane, M. and A.-K. Hornidge. [[download](#)]

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

ZEF Discussion Papers

195 Back to the Futures: An Assessment of Commodity Market Efficiency and Forecast Error Drivers. 2014. Algieri, B. and M. Kalkuhl. [[download](#)]

194 The Impact of Shocks on Gender-differentiated Asset Dynamics in Bangladesh. 2014. Rakib, M. and J.A. Matz. [[download](#)]

193 Biomass Productivity-Based Mapping of Global Land Degradation Hotspots. 2014. Le, Q.B., Nkonya, E. and A.

Mirzabaev. [[download](#)]

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

ZEF Policy Briefs

11 **Decentralization and Institutional Development in East African Forest Landscapes**. August 2014. Franz W. Gatzweiler and Girma Kelboro. [[download](#)]

You can find all ZEF Policy Briefs [here](#).

Books and peer-reviewed journal articles

Albert, C., Aronson, J., Fürst, C. Opdam, P. 2014. **Integrating ecosystem services in landscape planning: Requirements, approaches, and impacts**. *Landscape Ecology*, 29: 1277–1285. [[article](#)]

Baumert S., A. Khamzina, P.L.G. Vlek. 2014. **Soil carbon sequestration in *Jatropha curcas* systems of Burkina Faso**. *Land Degradation and Development*, DOI: 10.1002/ldr.2310.

Callo-Concha, D., Denich, M. 2014. **A participatory framework to assess multifunctional land-use systems with multicriteria and multivariate analyses: A case study on agrobiodiversity of agroforestry systems in Tomé Açú, Brazil**. *Change Adaptation Socioecol. Syst.*, 1: 40-50. [[article](#)]

Djanibekov, U. and Khamzina, A. 2014. **Stochastic economic assessment of afforestation on marginal land in irrigated farming system**. *Environmental and Resource Economics*, DOI: 10.1007/s10640-014-9843-3

Dubovyk, O., Menz, G., Khamzina, A. 2014. **Land suitability assessment for afforestation with *Elaeagnus angustifolia* L. in degraded agricultural areas of the lower Amu Darya River Basin**. *Land Degradation and Development*, DOI: 10.1002/ldr.2329.

Eguavoen, I. 2014. **Book Review: Eren Zink 2013. Hot science, high water. Assembling nature, society and environmental policy in contemporary Vietnam**. *Climate and Development*, 6(3): 288-290. [[article](#)]

Fürst, C., Berry, P., Genleletti, D., Khamzina, A., Sanfo, S. 2014. **Inaugural Editorial**. *Change and Adaptation in Socio-Ecological Systems*, 1: 35-39.

Fürst, C., Opdam, P., Inostroza, L., Luque, S. 2014. **A balance score card tool for assessing how successful the ecosystem services concept is applied in participatory land use planning**. *Landscape Ecology*. [[more](#)]

Guo, L., Dai, J., Wang, M., Xu, J., Luedeling, E. 2015. **Responses of spring phenology in temperate zone trees to climate warming: a case study of apricot flowering in China**. *Agricultural and Forest Meteorology*, 201: 1-7. [[more](#)]

Haile, M. G., Kalkuhl, M. and von Braun, J. 2014. **Inter- and intra-seasonal crop acreage response to international food prices**

and implications of volatility. *Agricultural Economics*, 45(6): 693-710. [[more](#)]

Hill, J. 2014. **Farmer-managed irrigation systems in Baltistan and Kargil.** *Ladakh Studies*, 31: 4-23. [[article](#)] [[more](#)]

Hill, J. 2014. **Agriculture, irrigation and ecology in Adivasi villages in Jharkhand: Why control and ownership over natural resources matter.** *Journal of Adivasi and Indigenous Studies*, 1(1): 43-61. [[article](#)] [[more](#)]

Hornidge, A.-K. 2014. **Wissensdiskurse: Normativ, Faktisch, Hegemonial.** *Soziale Welt*, 65: 7-24. [[more](#)]

Koschke, L., Van der Meulen, S., Frank, S., Schneidergruber, A., Kruse, M., Fürst, C., Neubert, E., Ohnesorge, B., Schröder, C., Müller, F., Bastian, O. 2014. **Do You Have 5 Minutes To Spare? – The Challenges Of Stakeholder Processes In Ecosystem Services Studies.** *Landscape Online*, DOI 10.3097/LO.201467. [[article](#)]

Lamers, J.P.A., Khamzina, A., Rudenko, I., Vlek, P.L.G. (eds.). 2014. **Restructuring land allocation, water use and agricultural value chains. Technologies, policies and practices for the lower Amudarya region.** [[more](#)]

Mielke, K. 2014. **What inhibits and enables Afghans' social mobility? On the limits of community organization and mobilization in Afghanistan.** *Orient*, III / 2014: 12-17.

Mielke, K. 2014. **Social Order as a Boundary Concept: Unveiling Dichotomies and Conceptualizing Politics.** *Asien – The German Journal on Contemporary Asia*, 132: 35-52.

Mielke, K. 2014. **Protests in search of a movement.** *Tanqeed*, 7 (Fall 2014): 52-58. [[article](#)]

Muriithi, B. W. and J.A. Matz. 2015. **Welfare effects of vegetable commercialization: Evidence from smallholder producers in Kenya.** *Food Policy*, 50: 80-91. [[more](#)]

Rodríguez Osuna, V., Börner, J., Nehren, U., Prado, R.B., Gaese, H., Heinrich, J. 2014. **Priority areas for watershed service conservation in the Guapi-Macacu region of Rio de Janeiro, Atlantic Forest, Brazil.** *Ecological Processes*, 1 (3). [[article](#)] [[further information](#)]

Saravanan.V.S., Mavalankar, D., Kulkarni, S., Nussbaum, S., and Weigelt, M. 2014. **Metabolized Water Breeding Diseases in Urban India: Socio-spatiality of Water Problems and Health Burden in Ahmedabad City.** *Journal of Industrial Ecology*. [[more](#)]

Sepúlveda-Lozada, A., Mendoza-Carranza, M., Wolff, M., Saint-Paul, U., Ponce-Mendoza, A. 2014. **Differences in food web structure of mangroves and freshwater marshes: evidence from stable isotope studies in the Southern Gulf of Mexico.** *Wetlands Ecology and Management*, doi:10.1007/s11273-014-9382-2. [[more](#)]

Shtaltovna, A. 2015. **Knowledge gaps and rural development in**

Tajikistan: agricultural advisory services as a panacea?.

Journal of Agricultural Education and Extension, DOI:

10.1080/1389224X.2014.997257.

Tüshaus, J., Dubovyk, O., Khamzina, A., Menz, G. 2014.

Comparison of medium spatial resolution ENVISAT-MERIS and Terra-MODIS multi-temporal time series for vegetation decline analysis: A case study in Central Asia. Remote Sensing 6 (6): 5238-5256. There is a press coverage by ESA available for this publication [here](#).

van Noordwijk, M., Bizard, V., Wangpakapattanawong, P., Lestari, H.T., Villamor, G.B., and Leimona, B. 2014. **Tree cover transitions and food security in Southeast Asia.** Global Food Security, 3: 200-208. [\[article\]](#) [\[more\]](#)

Vu, Q.M., Le, Q.B., Vlek, P. 2014. **Hotspots of human-induced biomass productivity decline and their social-ecological types toward supporting national policy and local studies on combating land degradation.** Global and Planetary Change, 121: 64-77. [\[more\]](#)

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