



Dear ZEF alumni,

We would like to wish you a wonderful Christmas and a happy New Year! We would also like to take this opportunity to thank you for staying in contact with ZEF. It is the ZEF alumni network that makes our jobs a pleasure and keeps our research efforts successful and sustainable.

The latest ZEF news released in October 2016 focuses on food security. Take a look at it online [here](#). You can always stay up-to-date with ZEF's activities via **ZEF's Website**, where you can also find **ZEF on Facebook**, **ZEF on youtube**, **ZEF on twitter** or read the **ZEF Blog**.

We wish you and your families all the best,

Günther Manske & Team

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ZEF doctoral studies program joined BIGS network

The ZEF Doctoral Studies Program joined the Bonn International Graduate Schools (BIGS), a network of excellent doctoral programs at the University of Bonn conforming to the highest international standards (www.bigs.uni-bonn.de).

These are the current members of BIGS:

- Bonn International Graduate School of Mathematics (BIGS-M),
- Bonn Graduate School of Economics (BGSE),
- Bonn-Cologne Graduate School of Physics and Astronomy (BCGS),
- International Graduate School Life & Medical Sciences (BIGS-LIMES),
- Bonn International Graduate School of Drug Sciences (BIGS Drugs),
- Bonn International Graduate School Oriental and Asian Studies (BIGS-OAS),
- Bonn International Graduate School of Neuroscience (BIGS Neuroscience),
- Bonn International Graduate School Chemistry (BIGS-Chemistry),
- Bonn International Graduate School Clinical and Population Sciences (BIGS CPS), and
- ZEF's doctoral program, which is now called Bonn International Graduate School for Development Research (BIGS-DR).

ZEF has adapted its study rules to the standards of BIGS. The new rules will be published soon, after the revision by the legal office of the university.

ZEF Wiki

ZEF has established its own wiki, the **ZEF wiki**, to foster communication and encourage open participation. The open sandbox format — a virtual space that allows new ideas to be tested — permits users to modify and extend content and structure.

At the moment, the ZEF wiki is designed to complement the ZEF intranet and other internal frameworks. Along with the purpose of collaboration, the ZEF wiki also hopes to provide access to a range of tacit and explicit knowledge, ranging from German tipping etiquette to university publication procedures.

The information provided on the wiki is created by ZEF users for ZEF users to share advice about studying, working, and living in Bonn. In this respect, the ZEF wiki offers the possibility for individual knowledge to evolve into a network of group knowledge.

Prior to the ZEF wiki, internal communication was primarily conducted through the ZEF intranet. The intranet archived information and provided access to resources for all researchers and administrators. By shifting parts of the intranet to the wiki, it allows

certain benefits. First, a wiki makes discussion possible. On a wiki page, users can comment and edit posts, just as if you were editing a Microsoft Word document. All changes and comments are tracked, and users can easily see the changes in information — how, when, and by whom. Second, the ZEF wiki has an excellent search function, something the old ZEF intranet lacked. Users can now search for terms, and all information relating to that term will pop up.

But not all things are different. There are still some similarities between the ZEF wiki and the old intranet. First, the wiki is only accessible via the ZEF local servers or VPN. Second, administrators and moderators also maintain the quality of the wiki. While everyone is encouraged to contribute to the wiki, this also means that everyone is responsible for the accuracy and improvement of the content. Intentional misconduct can lead to restricted access to the wiki.

We encourage all researchers and staff to participate in the development and contribution of the wiki, our newest endeavor of harnessing and sharing knowledge.

City registration/deregistration

After moving to Bonn, it's important to register at the City Bureau of Bonn **within one week**. The registration should be made by the declarant **yourself**.

The City Bureau of Bonn requires a prior registration for an appointment online. Usually, make from the administration of the **doctoral program** yourself, please choose between the following websites according to your place of residence:

1. City registration in Bonn
2. City registration in Bad Godesberg
3. City registration in Bonn-Bad Godesberg

Please choose **Anmeldung** and **Wartung**, select a date and suitable time and fill in your name and e-mail address. After accepting the data protection agreement with **Reservierung abschließen**, you will receive a confirmation by e-mail.

Required Documents

Please bring the following documents to the appointment:

- Passport (for family registration, please bring passports of all family members)
- Your new residential address

City deregistration

If you are moving out of your home in Bonn, you will need to deregister with the city. The city of Bonn has digitized the entire process. Two we

Healthcare

Minor sicknesses are not treated in the hospital. **Hospitals** are only consulted in cases of emergencies. If you are sick, you should consult your **rock doctor** or **general practitioner**. In addition to general practitioners, there are specialists for ears, eyes, skin, etc. Doctors prefer that you make an appointment by telephone, but in acute cases, they will also see you the same day. Even with an appointment, you will usually have to wait some time in the doctor's waiting room. Office hours may vary locally; all doctors' offices are closed on Wednesday and Friday afternoon. They are always closed on Saturday and Sunday, apart from emergency services. There is a list of all available doctors in the doctoral studies secretary's office.

Cost

Medical treatment in Germany is very expensive. A day at the hospital (without treatment) can cost more than 200 euros. Upon admission to the hospital, a payment of a fixed sum is often required. In this case, the hospital has to return your insurance in advance about how to finance this sum in the event of serious illness and a longer stay in the hospital. It is very important that you get detailed advice from the insurance company about refundable costs. Otherwise, you may have to pay several hundreds or even thousands of euros by yourself. When going to the doctor's office or emergency case, be sure to always bring your insurance information with you and show it to both the nurses and the doctors when they call any necessary information.

General health care parameters

Please read the **insurance rules carefully**. They give detailed information about which benefits are excluded. In case of doubt, please consult the **doctoral studies secretary**.

- Pre-existing illnesses, which have existed or began before the start of the insurance, are NOT covered.
- Pregnancy is NOT covered.
- Your health insurance will usually cover 100% of the invoice amount, in the maximum of 1.7 times the rate as per the legal

Medical Glossary

Allgemeinmedizin General Medicine	General medicine
Anästhesiologie	Anesthesiology
Augenheilkunde	Ophthalmology
Chirurgie	Surgery
Dermatogengendering	Dermatogengendering
Frakturklinik und Unfallchirurgie	Orthopedics and trauma surgery
Herz, Atmung und Kreislaufkrankheiten	Cardiology and internal medicine (ICM)
Infektions- und Parasitenkrankheiten	Infectious and sexually transmitted diseases
Internistische	Internal medicine
Kardiologie	Cardiology
Kinderheilkunde	Pediatrics
Kinder- und Jugendpsychiatrie	Child and youth psychiatry
Kinderkardiologie	Child cardiology
Lungen- und Bronchialkrankheiten	Lung and bronchial medicine
Naturwissenschaften	Natural sciences
Orthopädie	Orthopedics



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Center for Development Research Wiki

Welcome to the ZEF wiki pages.

This wiki exists to foster communication and encourage collaboration for the entire institute.

ZEF
Bonn
University of Bonn

Junior researchers
Senior researchers
Computer and network

Health and insurance
Courses
Field research

DAAD
Travel
...

The ZEF wiki is a collection of knowledge, written collaboratively by the people who use it (you!). It is designed to make sharing and organization easier. The purpose of the wiki is to provide a range of information about studying and working in Bonn, and to inform the ZEF community. Improvements and updates will constantly be made, changes and modifications will be streamlined, and individual knowledge can evolve into a network of group knowledge. ZEF members can contribute, share, and develop their expertise on issues they consider important.

Collaborative wiki

We encourage ZEF students and staff to participate in the development of this wiki. In order to contribute, you will need to create an **account** first.

If you want to add a new page or topic, please first search for key words in the search bar to avoid duplicate entries. If the topic doesn't exist yet, you can create it by clicking on the red link. Afterward, remember to add it to a suitable category (e.g. **Junior**). By clicking on the listed items above, you see an alphabetical list of all the pages that exist already. Please click on "edit" at the top in order to make changes or additions to the text.

Wiki coding manuals

Insects meet an increasing demand for alternative animal proteins

Scholars project an exponential rise in future demand for animal protein. This demand is currently met by the constant expansion of intensive livestock production. But this development is environmentally unsustainable because livestock production already accounts for the largest share of agricultural land use, either for grazing or producing feed crops. An environmentally sustainable alternative to intensive livestock production needs to be found to ensure a more food-secure world in future. ZEF researchers are currently engaged in exploring the use of black soldier flies (*Hermetia illucens*) for feed production and as a potential candidate for the bioconversion of organic waste.

Excerpt from the article by Marwa Shumo (ZEFc junior researcher). The article can be read [here](#).



Black soldier flies efficiently convert various organic wastes into high-profile protein through decomposition.

SDSN Germany sent position paper on German national sustainability strategy to Federal Ministers

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. The statement can be found [here](#) in German.



In this picture: Thomas Silberhorn (Parliamentary State Secretary BMZ), Georg-Forster-Awardee Prof. Soares-Filho and Helmut Schwarz (President of the Alexander von Humboldt Foundation)

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

Professor Britaldo Silveira Soares Filho, from the Federal University of Minas Gerais in Belo Horizonte, Brazil, guest professor at ZEF, was one of eight awardees who received the Georg Forster Award from the Alexander-von-Humboldt-Foundation in Bamberg on March 18, 2016. Professor Soares Filho is hosted by Robert Bosch Junior Professor Jan Börner at ZEF.

ZEF in top positions of international Think Tanks ranking again

The just released new ranking in the University of Pennsylvania's "Global GO TO Think Tank Index Report 2015" ranks ZEF in excellent positions again. ZEF is listed in three categories: Top Science and Technology Think Tanks (ranked no. 3), Best University Affiliated Think Tanks (ranked no. 21), and Top Energy and Resource Policy Think Tanks (ranked no. 27). Download the report [here](#).

New research projects

Transdisciplinary graduate school: One Health and Urban Transformations

The graduate school is hosted at the Center for Development Research (ZEF) in cooperation with other institutes of the University of Bonn, the University of Applied Science Bonn Rhein-Sieg (HBRS), and the United Nations University - Institute for Environment and Human Security (UNU-EHS). The One Health and Urban Transformations is known as a Fortschrittskolleg, which emphasizes the promotion of young professionals, seeks to integrate interventions to attain optimal health for humans, animals, plants and the environment. PhD students conduct research in four metropolitan regions: Ruhr Metropolis (Germany); Ahmedabad (India), Accra (Ghana), and São Paulo (Brazil).

Additional information can be found via the [project website](#).

STRIVE: New project on Bioeconomy launched at ZEF

The project STRIVE (Sustainable TRade and InnoVation transfer in the bioEconomy: from national strategies to global sustainable development goals) combines research expertise from economics, political science, and environmental geography to improve the knowledge base for the design of sustainable bioeconomy policies and investments with a focus on international regulatory frameworks.

The project will be funded by the German Federal Ministry of Education and Research (BMBF) with a total sum of approximately 3 million euros. More information about the research project can be found on the [ZEF website](#).



Günther Manske, Takeshi Tange, Dean Agricultural Faculty, University of Tokyo

ZEF-IPADS international collaboration

The first group of ZEF students visited the International Program in Agricultural Development Studies (IPADS) at the University of Tokyo from March 11-20, 2016, for joint lectures, on-site training and exchange. With the recent signing of two Memoranda of Understanding between the University of Tokyo and the University of Bonn, the “strategic international partnership” between both universities and their international research institutes has become official.

According to Professor Kensuke Okada (IPADS), “ZEF has a track record in international research projects, and in interdisciplinary research and education. These are the fields we want to move forward in”.

Several other interviews with professors about the ZEF-IPADS collaboration can be found [online](#).



Awards for ZEF doctoral students and alumni



Abu Hayat Md. Saiful Islam, a former ZEFb researcher, is one of the recipients of the Josef G. Knoll European Science Award 2016 by the Stiftung fiat panis. Dr. Saiful Islam receives the award for his dissertation on "Impact of technological innovation on the poor: integrated aquaculture-agriculture in Bangladesh". He

is the forth graduate from ZEF to win this prestigious award after Abay Asfaw (2002), Rolf Sommer (2002) and Luseged Tamene Desta (2006). The prize was awarded during the conference Deutscher Tropentag on September 19th in Vienna.

ZEF senior researchers **Justice Tambo** (ZEFb) and **Oliver Kirui** (ZEFb) were awarded 1st and 2nd runners up, respectively, for their papers during the 5th AAAE at the United Nations Economic Commission for Africa in Addis Ababa, Ethiopia. Justice Tambo's paper was entitled "Beyond adoption: the welfare effects of farmer innovation in rural Ghana." Oliver Kirui presented on "Impact of Land Degradation on Household Poverty: Evidence from Panel Data Simultaneous Equation Models."



Jan Brockhaus, a former ZEFb senior researcher, won GEWISOLA's "Best Presentation Award" for his paper presentation on "What Drives India's Rice Stocks? Empirical Evidence". The 56th GEWISOLA Conference is a conference on annual basis and focuses on agricultural and food economy. This year's conference took place from September 28-30, 2016 at the University of Bonn.



Oliver Kirui (ZEFb senior researcher) received an award for his work on Economics of Land Degradation during the just concluded Indo-German Conference on Sustainability (IGCS) held at the India Institute of Technology, Madras, India, on February 27-28, 2016. His presentation titled 'Economics of Land Degradation and Sustainable Land Management in Eastern Africa' was rated best paper presented at the conference.



Hernaude V. K. Agossou (ZEFc junior researcher) was awarded an Agrinatura travel grant to participate in the Tropentag 2016 in Prague.



A ZEF-led study on bioenergy published in Elsevier receives Elsevier's Atlas award for the article entitled, "As Bioenergy Booms, Certification Schemes Must Consider Food Security". The prize was awarded in April 2016. Each month, Atlas's advisory board selects a research article for the Atlas Award, based on suggestions from the publishers of Elsevier's 1,800 journals. The awarded article is one of 12 articles selected out of 35,000.

Many countries are looking for ways to replace fossil fuels with more sustainable bioenergy. In Europe, gasoline is mixed with 10 percent biomass, i.e. rapeseed oil. With consequences for the food market: The growing demand of biomass resources used for electricity, heat, and fuel is threatening global food security.

In their work, published in the journal Biomass and Bioenergy, **Anna Mohr** and her colleagues used the 19 guidelines issued by the Food and Agriculture Organization (FAO) of the United Nations to support the progressive realization of the right to adequate food in the context of national food security. In the end, those guidelines were merged into 45 criteria, ensuring that food security isn't adversely affected by certified biomass production.

Conferences and workshops



Mohammad Monirul Hasan (ZEFb junior researcher) spoke about the agriculture water, sanitation, and hygiene (AG-WATSAN) nexus and improved health in Bangladesh at a webinar with the Stockholm Environment Institute (SEI) and SuSanA forum on January 28th, 2016. Research from his PhD works have been included. A link to the recorded lecture and presentation can be found [here](#)

ZEF Press conference on land degradation in Berlin

Land degradation is on the rise dramatically, affecting around 3.2 billion people worldwide. Every dollar invested in saving land and soils today will save us five dollars in the future. Klaus Töpfer, ZEF-director Joachim von Braun, and Dr. Stefan Schmitz (BMZ) presented the latest research insights on this issue at a press conference in Berlin on February 11th, 2016. To read or listen to the press conference, visit our [website](#).

African network of DAAD excellence centers meets in Accra

The ZEF-led Ghanaian-German Centre for Development Studies (GGCDS), in collaboration with the Institute of Statistical, Social and Economic Research (ISSER), University of Ghana, hosted the seventh DAAD Network Meeting of the eight DAAD-sponsored centers in Africa from March 3-5, 2016.

During the opening ceremony at ISSER, the Ghanaian Minister of Communications, Hon. Dr. Edward Omana Boamah, The Deputy Minister of Education Hon. Samuel Okudzeto Ablakwa, and the German Embassy's Deputy Head of Missions, Mr. Bernard Abels gave speeches emphasizing the important role of the DAAD Centres of Excellence for the internationalization of research for development and academic capacity building.



Second PAUWES School at ZEF

For the second time, 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 at ZEF from March 27th to April 1st, 2016. The students attended classes in climate and hydrological modeling, remote sensing and GIS, concepts of vulnerability and resilience, conceiving water management interventions, impact assessment and Integrated Water Resources Management.

On April 1st, the students paid a visit to PAUWES' main donor, the German Federal Ministry of Economic Cooperation and Development (BMZ).



Stephanie Sangalang (ZEFc junior researcher) participated in the International Association for Impact Assessment (IAIA) annual conference in Nagoya, Japan, from May 11-14, 2016. Her participation was funded by the DAAD. Ms. Sangalang's oral presentation, "Mapping health/social impacts of the Syrian conflict", was based

on her interdisciplinary term paper jointly written with the ZEF doctoral students, Anise Fellahi (ZEFa), Gabisel Barsallo-Alvarado (ZEFa), and Gohar Ghazaryan (ZEFc).

Holm Voigt (ZEFc junior researcher) was interviewed by Süddeutsche Zeitung regarding the restoration of the Aral Sea. The interview was featured in the respective article "Ein Schiff wird kommen"

by Jan Stremmel which was published on September 3, 2016.



Conferences and workshops

The Forth Green Growth Knowledge Platform Annual Conference 2016

ZEF participated at the Forth Green Growth Knowledge Platform (**GGKP**) Annual Conference 2016, from 6-7 September, in Jeju, South Korea, showcasing ongoing bioeconomy-related work from the **BiomassWeb**, **Econ-BioSC**, **Bioeconfor**, and **ESSZert** projects. The conference with the theme “Transforming Development through Inclusive Green Growth” brings together leading global experts, academics, and practitioners to explore how green growth can be made equitable and inclusive. The GGKP is a growing international network global network of organizations and experts that identifies and addresses major knowledge gaps in green growth theory and practice. ZEF has been a GGKP knowledge partner since 2014.

NutriHAF: Workshop with partners from Ethiopia and Madagascar

From September 22-23, 2016, a group of researchers from Ethiopia and Madagascar, who are part of ZEF's project NutriHAF, visited Austria and Germany. Starting point of the eight-day-long retreat was the Tropentag Conference in Vienna, where team members presented some of their research outcomes. This was followed by a workshop on participatory and gender-sensitive research at ZEF and excursions to an organic fruit farm and a community garden in Bonn, where team members learned about agricultural production, processing and marketing strategies in Germany.

NutriHAF: Workshop with partners from Ethiopia and Madagascar



Conferences and workshops

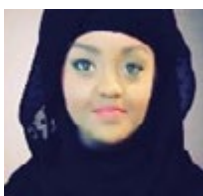
FOODSECURE's research findings were presented in Brussels

Researchers from across hemispheres, advisers of the European Commission and NGOs gathered on October 12th, 2016 for the final conference in Brussels. The FOODSECURE research consortium under the scientific coordination of ZEF, presented scenarios and modeling tools that allowed a better look into the future. In panel discussions, FOODSECURE researchers, members of the advisory board and advisers to the European Commission debated over the design of consistent and coherent long-term policy strategies for improving food and nutrition security.



Denise Margaret Matias (ZEFc junior researcher) organized a short workshop for the NGO Life-Giving-Forest e.V. based in Stuttgart on September 28, 2016.

Marwa Shumo (ZEFc junior researcher) was invited to the Falling Walls Lab Finale of 2016 in Berlin on November 8th, 2016 at the Akademie der Künste. She held a 3-minute speech about her doctoral research on "Potential use of Black soldier flies for feed production and waste management". At the end of the Lab day, the jury awarded the best presentations. The 3 winners repeated their 3-minute presentations in front of approximately 600 international guests at the Falling Walls Conference the following day.



Earlier, Marwa was invited to give a presentation on "Health safety and nutritional value of black soldier flies derived feed" at the symposium 'An Emerging Food Supply: Edible Insects, ICE 2016, the XXV International Congress of Entomology' in Orlando, Florida, USA, on September 26th, 2016.

Innovations can feed the world, PARI Conference concludes

Research leaders from more than 12 African countries, India and Germany held a conference on agricultural innovation from December 8-9th, 2016 in Nairobi. They highlighted the crucial role that agricultural innovations play for food security and nutrition. They lauded progress and new commitments by Africa's political leaders to transform the continent's agriculture sectors, but also warned that current growth trends are not yet sustainable and that progress has been volatile and unevenly distributed.

The conference was organized under the auspices of the large initiative "One World, No Hunger", supported by the German Ministry for Economic Cooperation and Development in cooperation with the Forum for Agricultural Research in Africa (FARA), the International Food Policy Research Institute / Africa (IFPRI) and the Center for Development Research (ZEF) of Bonn University, Germany. Stefan Schmitz, Deputy Director General of the German Ministry, expressed his appreciation of the productive partnership with African research leaders and stressed "food security and rural development are critical for equitable and sustainable growth where it is most needed, that is in rural Africa and farming communities".

ZEF alumni families news



Monica Gruezmacher (ZEF 2010) and **Kristof van Assche** welcome their new addition, **Nicholas Inigo**, born January 2nd, 2016!



Anastasiya Shtaltovna (ZEF 2008) and **Deniz Dizdar** welcome their new addition, **Julian Philipp**, born January 3rd, 2016!



Hart Feuer (ZEF 2008) and **Saori Hagai** welcome their new addition, **Adina**, born January 6th, 2016!

Two ZEF researchers tied the knot in Nairobi, Kenya: **Georgina Wambui** and **Oliver Kirui** (both ZEFb seniors and graduates of the doctoral program)!



Batch 1999

Daniela Lloyd-Williams (née Lohlein) (Germany, batch 1999, ZEFb) is now the Executive Programme Manager at the JA Clark Charitable Trust, UK.

Johannes Woelcke (Germany, batch 1999, ZEFb) is working now as head of the Department for Strategic Business Development and Quality Assurance at UNIQUE forestry and land use in Freiburg (www.unique-landuse.de). Previously, he worked for more than a decade as Senior Economist of the Africa Department at The World Bank.

Katinka Weinberger (Germany, batch 1999, ZEFb), is now chief of Environment Development Policy in the Section Environment and Development Division at United Nations Economic and Social Commission for Asia and the Pacific.

Mohsin Hafeez (Pakistan, batch 1999, ZEFc) is now an adjunct professor at the Institute of Water and Hydraulic Research (IWHR) in Beijing China. He is also supervising hydrologist and Head of Water Resources Modeling Unit in Bureau of Brisbane, Australia.

Batch 2000

Gerd Ruecker (Germany, batch 2000, ZEFc) is a Senior Scientific Officer for Science, Innovation and Development Policy at the German Aerospace Center (DLR), Project Management Agency (PT) in Bonn.

Saana Ashour (Palestine, batch 2000, ZEFa) has been an Assistant Professor at the Al Khawarizmi International College in the United Arab Emirates since 2013.

Batch 2001

Arisbe Mendoza Escalante (Mexico, batch 2001, ZEFb) is now head of Monitoring, Evaluation and Learning at Fairtrade International in Bonn.

Charlotte van der Schaaf (The Netherlands, batch 2001, ZEFa) is a Senior Project Manager at KfW Development Bank, Team Urban Development and Mobility, East Asia and Pacific in wastewater portfolio management in China and Vietnam, in Frankfurt, Germany.

Kavita Rai (Nepal, batch 2001, ZEFa) found a new position as a manager of international programs as Ashden, in London. Ashden is a charity that supports the leaders in sustainable energy to accelerate the transition to a low-carbon world.

Pepijn Schreinemachers (The Netherlands, batch 2001, ZEFb) is now a Lead Specialist for Impact Evaluation at AVRDC at the The World Vegetable Center in Taiwan.

Batch 2002

Anke Reichhuber (Germany, batch 2002, ZEFb) is now Lead Consultant at KfW/Unique/GOPA.

Charles Palmer (UK, batch 2002, ZEFb) is an Associate Professor at the London School of Economics (LSE), Department of Geography and Environment.

Daniel Tsegai (Eritrea, batch 2002, ZEFb) is now a Program Officer at United Nations Convention to Combat Desertification (UNCCD) in Bonn.

Hardwick Tchale (Malawi, batch 2002, ZEFb) is a Senior Agricultural Economist at World Bank. He is a Task Team Leader for agricultural and land sector operations for Sierra Leone, Liberia, Ghana, Rwanda and Malawi.

Kassahun Tesfaye (Ethiopia, batch 2002, ZEFc) is an Assistant Professor at the Institute of Biotechnology at Addis Ababa University.

Malte Kaßner (Germany, batch 2002, ZEFa) is working now as a Development Advisor with GIZ in Zimbabwe.

Marc Mueller (Germany, batch 2002, ZEFb) is working now as an Economist at the research group for Global Perspectives Studies, Economic and Social Development Department (ES), Food and Agriculture Organization of the United Nations (FAO) in Rome.

Tina Schieder (Germany, batch 2002, ZEFb) has a new position at the Research Policy Department of the German Council of Science and Humanities, Head Office, in Cologne.

Batch 2003

Alexander Stein (Germany, batch 2003, ZEFb) has been a Policy Officer at the European Commission DG MARE, Unit A2, Common Fisheries Policy and Aquaculture since 2013, where he coordinates the scientific advice from the International Council for the Exploration of the Sea and follows-up with shark finning regulation.

Almut Schmengler (née Brunner) (Germany, batch 2003, ZEFc) is a Scientific Advisor at the Helmholtz Centre for Polar and Marine Research the Alfred Wegener Institute in Bremen.

Franklin Simtowe (Malawi, batch 2003, ZEFb) is working now as Senior Agricultural and Development Economist at the International Maize and Wheat Improvement Center (CIMMYT) in Nairobi, Kenya.

Lazare Tia (Côte d'Ivoire, batch 2003, ZEFc) from the Université Félix Houphouët-Boigny has visited ZEF for 2 months in August and September for a short research stay financed by DAAD. He achieved a common agreement for exchange of students, design and execution of joint international scientific research projects between ZEF, the Institute of Crop Science and Resource Conservation (INRES), University of Bonn.

Mamusha Lemma (Ethiopia, batch 2003, ZEFa) is working now as a Capacity Development and Innovation Expert at International Livestock Research Institute (ILRI) in Ethiopia.

Sebastian Scholz (Germany, batch 2003, ZEFb) is a Senior Business Development Manager at Munich Re - Corporate Insurance Partner - Green Tech Solutions in Munich, Germany.

Batch 2004

Caleb Wall (New Zealand, batch 2004, ZEFa) is a Senior Partner & Commercial Director for Canada at Environmental Resources Management (ERM). The ERM is a leading global provider of environmental, health, safety, risk, social consulting services and sustainability related service with more than 160 offices in over 40 countries and territories employing more than 5,000 people around the world (<http://www.erm.com>).

Clemens Scheer (Germany, batch 2004, ZEFc) is a Senior Research Scientist and Lecturer at the Queensland University of Technology in Australia.

Gert Jan Veldwisch (The Netherlands, batch 2004, ZEFc) is an Assistant Professor for Irrigation and Development at the Wageningen University in The Netherlands.

John Muo Kasina (Kenya, batch 2004, ZEFc) is now a Centre Director at the National Sericulture Research Centre-KALRO in Thika, Kenya.

Kirsten Kienzler (Germany, batch 2004, ZEFc) is now Head of Unit, Cooperation with CIS Countries, Project Management Agency c/o German Aerospace Center (PT-DLR) in Bonn.

Nayeem Sultana (Bangladesh, batch 2004, ZEFa) is an Associate Professor at the Department of Development Studies at University of Dhaka in Bangladesh.

Tao Pan (China, batch 2004, ZEFc) is the Founder of the Institute for Sustainable Environment and Energy (ISEE). The ISEE is a do-think tank based in Shanghai, China, and advocate for good environment and sustainable energy.

Batch 2005

Devesh Rustagi (India, batch 2005, ZEFb) is now a Junior Professor at the Department of Management and Microeconomics at University of Frankfurt in Germany.

Andrea Cristina Dörr (Brazil, batch 2005, ZEFb) is a Professor at the Universidad Federal de Santa Maria in Santa Maria with expertise in socioeconomics and supply chain management.

Donald Makoka (Malawi, batch 2005, ZEFb) works now for the Centre for Agricultural Research and Development (CARD) at the University of Malawi, Lilongwe. He is an expert for poverty and vulnerability analysis, agricultural marketing, social protection and child protection.

Ullah Akm Ahsan (Bangladesh, batch 2005, ZEFa) is now an Associate Professor and Deputy Dean, Research and Grad Studies, FASS, at University Brunei Darussalam. He is an Expert in globalization, migration, refugee, HIV/AIDS, development and poverty.

Aida Ponce Del Castillo (Mexico, batch 2005, ZEFc) works at the Research Department at the European Trade Union Institute in Brussels, Belgium. Appointed in 2013, she is in charge of the occupational health and safety, working conditions Unit. She is actively involved in research on nanotechnologies, with a specific interest for regulatory aspects. She is member of different working groups within European regulatory bodies and international organizations such as the OECD, WHO and UNEP.

Sri Haryani Anwar (Indonesia, batch 2005, ZEFc) is working at the Agricultural Product Technology Department, Faculty of Agriculture, at University of Syiah Kuala in Banda Aceh, Indonesia.

Marcus Kaplan (Germany, batch 2005, ZEFc) is a Senior-Evaluator at Deval, which is the German Institute for Development Evaluation in Bonn.

Jaqueline Garci-Yi (Peru, batch 2005, ZEFc) is working at the United Nations Office on Drugs and Crime in Vienna, Austria.

Neeraj Mishra (India, batch 2005, ZEFa) is an Assistant Professor at the Indian Institute of Technology in Indore (MP).

Batch 2006

Aseffa Seyoum (Ethiopia, batch 2006, ZEFb) is a Consultant at Bioveristy International in the United States.

Flávia da Fonseca Feitosa (Brazil, batch 2006, ZEFc) is now a Professor at the Center for Engineering, Modeling and Applied Social Sciences at Federal University of ABC (CECS/UFABC) in São Bernardo do Campo in Santo André, Brazil.

William Tsuma (Kenya, batch 2006, ZEFa) is an Acting Head of Governance, Dialogue Advisor, Lead Innovation Team, UNDP Zimbabwe.

Batch 2007

Nadine Reis (Germany, batch 2007, ZEFa) is now an Assistant Professor at the Department of Geography at University of Bonn, and currently visiting researcher at El Colegio de México in Mexico City.

Batch 2008

Asghar Tahmasebi (Iran, batch 2008, ZEFa) is an Assistant Professor at the Department of Rural Planning at Faculty of Geography at Kharazmi University in Iran, and engaged in rural development and ecotourism.

Hart Nadav Feuer (USA, batch 2008, ZEFa) is an Assistant Professor, Division of Natural Resource Economics at Kyoto University in Japan.

José Luis Viveros Añorve (Mexico, batch 2008, ZEFb) has a new position as an Economist, Technical Officer - DDG/P & Enterprises Departments at the International Labor Organization in Geneva, Switzerland.

Rivayani Darmawan (Indonesia, batch 2008, ZEFb) conducts Postdoctoral Research Associate at Georg-August-Universität Göttingen.

Batch 2009

Boaz Waswa (Kenya, batch 2009, ZEFc) is a Program Coordinator for CIAT Africa in Nairobi, Kenya.

Philipp Baumgartner (Germany, batch 2009, ZEFb) found a position as a Rural Development Specialist for East and Southern Africa Region at the International Fund for Agricultural Development (IFAD) in Rome, Italy.

Sven Genschick (Germany, batch 2009, ZEFa) is working now in Zambia at the country office of the World Fish Center.

Tilman Schachtsiek (Germany, batch 2009, ZEFc) found a new position as Referent for bioeconomy at the Federal Ministry of Food Nutrition and Agriculture in Berlin, Germany.

Vu Manh Quyet (Vietnam, batch 2009, ZEFc) is the Deputy Head of Department, Soils and Fertilizers Research Institute (SFRI) in Ha Noi, Vietnam.

Batch 2010

Dawit Diriba Guta (Ethiopia, batch 2010, ZEFb) is now an Assistant Professor at the Center for Environment and Development, College of Development Studies at Addis Ababa University in Ethiopia.

Esther Dörendahl (Germany, batch 2010, ZEFa) found a new position as a Project Leader in the area of economy, energy and infrastructure at the Prognos AG in Düsseldorf, Germany. Prognos supports decision makers in political organisations, business and public since 1959 (<http://www.prognos.com>).

Huynh T. Phuong Linh (Vietnam, batch 2010, ZEFa) is a Researcher at the Can Tho City Institute for Socio-Economic Development Studies in Vietnam.

José Luis Viveros Añorve (Mexico, batch 2010, ZEFb) is now working in the Enabling Sustainable Business Development Programme at the International Labour Organization (ILO) in Cologne, Germany.

Panagiota Kotsila (Greece, batch 2010, ZEFa) is a Postdoc at the Institute of Environmental Science and Technology (ICTA) in Barcelona, Spain.

Yang Haoran (China, batch 2010, ZEFb) found a position at the Southwest University of Political Science & Law in Chongqing, China.

Yi Zhang (China, batch 2010, ZEFb) has a position at the International Programme Office (IPO) of ICSU's Urban Health programme, Institute of Urban Environment in Xiamen, China.

Batch 2011

Abu Hayat Md. Saiful Islam (Bangladesh, batch 2011, ZEFb) returned as a Lecturer and Researcher to the Bangladesh Agricultural University in Mymensingh, Bangladesh.

Ildephonse Musafiri (Rwanda, batch 2011, ZEFb) is a Lecturer at the Department of Economics at University of Rwanda in Rwanda.

Jan-Niklas Bamler (Germany, batch 2011, ZEFa) has found a position as a Knowledge Exchange Officer at the Leibniz Center for Tropical Ecology (ZMT) at University of Bremen, Germany.

Jin Zhang (China, batch 2011, ZEFc) is a Lecturer at the Faculty of Resource and Environment, Hubei University in China, and Deputy Director of the Hubei Rural Water Environment Research Center.

Tina-Maria Schieder (Germany, batch 2011, ZEFc) currently works at the Internationale Klimaschutzstipendien at the Alexander von Humboldtstiftung in Bonn.

Karsten Schulz (Germany, batch 2011, ZEFa) found a Postdoc position at the University of Trier in the field of space and environmental sciences. He works in a research project called "Water Power" funded by the BMBF and deals from an interdisciplinary perspective with water management in Accra.

Lukas Kornher (Germany, batch 2011, ZEFb) is now a Research Assistant at University of Kiel, Germany.

Mekbib G. Haile (Ethiopia, batch 2011, ZEFb) works now as a Senior Researcher at ZEF in the Food Price Volatility Project.

Muntaha Rakib (Bangladesh, batch 2011, ZEFb) is an Assistant Professor in Economics at Shah Jalal University of Science and Technology in Bangladesh.

Rapti L. Siriwardane (Sri Lanka, batch 2011, ZEFa) has a postdoc position at the Leibniz Center for Tropical Marine Ecology in Bremen, Germany.

Sonam Tashi (Bhutan, batch 2011, ZEFc) got selected for the post of Dean of Academic Affairs at the Royal University of Bhutan.

Valerie Graw (Germany, batch 2011, ZEFc) works as a Senior Researcher at the Center for Remote Sensing of Land Surfaces (ZFL) at University of Bonn, Germany.

Batch 2012

Julia Schöneberg (Germany, batch 2012, ZEFa) is now an Executive Assistant, European Association of Development Research and Training Institutes (EADI) in Bonn, Germany.

Tamer Eshtawi (Palestine, batch 2012, ZEFc) is an Assistant Professor in Water Resources at University College for Applied Sciences in Gaza, Palestine.

Doctoral Defenses 2016

15.01.2016 – **Jan-Niklas Bamler** (ZEFa, Germany, Batch 2011): Value for the Vulnerable? Sustainable Smallholder Development in Northern Ghana and the Value Chains of Rice (Tomato and Chili). Doctoral Thesis at Faculty of Arts, University of Köln.

21.03.2016 - **Evelyn Nyathira Kihui** (ZEFb, Kenya, Batch 2012): Pastoral Practices, Economics, and Institutions of Sustainable Rangeland Management in Kenya. Doctoral Thesis at Faculty of Agriculture, University of Bonn.

31.03.2016 – **Vincent Nartey Kyere** (ZEFc, Ghana, Batch 2012): Environmental and Health Impacts of Informal E-waste recycling in Agbogbloshie, Accra, Ghana: Recommendations for Sustainable Management. Doctoral Thesis at Faculty of Math. & Nat. Science, University of Bonn.

15.04.2016 – **Irfan Mujahid** (ZEFb, Indonesia, Batch 2012): Assessing the Role of Trade and Reserve Cooperation in the Food Price Dynamics: Indonesia in the Regional and Global Economic Architecture. Doctoral Thesis at Faculty of Agriculture, University of Bonn.

15.04.2016 – **Sophoanrith Ro** (ZEFc, Cambodia, Batch 2012): Potential of organic manures in rainfed lowland rice-based production systems on sandy soils of Cambodia. Doctoral Thesis at Faculty of Agriculture, University of Bonn.

15.04.2016 – **Rythia Afkar** (ZEFb, Indonesia, Batch 2012): Public Services, Social Protection and Poverty: Evidence from Indonesia. Doctoral Thesis at Faculty of Agriculture, University of Bonn.

25.04.2016 - **Oliver Kiptoo Kirui** (ZEFb, Kenya, Batch 2012): Economics of Land Degradation, Sustainable Land Management and Poverty in Eastern Africa - The Extent, Drivers, Costs and Impacts. Doctoral Thesis at Faculty of Agriculture, University of Bonn.

01.06.2016 – **Georgina Wambui Njiraini** (ZEFb, Kenya, Batch 2012): Water Policy in South Africa: Effects, Impacts, and the associated transaction costs in the Olifants basin. Doctoral Thesis at Faculty of Agriculture, University of Bonn.

01.07.2016 – **Jiaxin Tan** (ZEFa, China, Batch 2013): Industrial Water Pollution in Dongying City, the Yellow River Delta of China: Communication Interfaces between Government Agencies and the Local Population. Doctoral Thesis at Faculty of Arts, University of Bonn.

05.07.2016 - **Tigist Araya Gessesse** (ZEFc, Ethiopia, Batch 2011): Above- and belowground carbon stocks in semi-arid land use systems under integrated Watershed Management in Gergera watershed, Ethiopia. Doctoral Thesis at Faculty of Agriculture, University of Bonn.

08.07.2016 – **Jan Brockhaus** (ZEFb, Germany, Batch 2013): The Role of Storage and Information in Stabilizing Food Prices and Supplies. Doctoral Thesis at Faculty of Agriculture, University of Bonn.

26.08.2016 - **Divya Rajeswari Swaminathan** (ZEFa, India, Batch 2012): Agricultural transformation and indigenous communities. A case study of the Soliga Communities in the montane forests, Southern India. Doctoral Thesis at Faculty of Mathematics and Natural Sciences, University of Bonn.

31.08.2016 – **Marta Kozicka** (ZEFb, Poland, Batch 2012): Policies for Food Security in India: An Assessment of Current Policies and Reform Options. Doctoral Thesis at Faculty of Agriculture, University of Bonn.

22.09.2016 – **Kaderi Bukari** (ZEFa, Ghana, Batch 2012): Farmer-Herder Relations in Ghana: Interplay of Conflict, Environmental Change, Cooperation and Social Networks. Doctoral Thesis at Faculty of Social Science, University of Göttingen.

30.09.2016 - **Elias Danyi Kuusaana** (ZEFb, Ghana, Batch 2011): Large-scale land acquisitions for agricultural investments in Ghana - implications for land markets and smallholder farmers. Doctoral Thesis at Faculty of Agriculture, University of Bonn.

07.10.2016 - **Daniel Ayalew Mekonnen** (ZEFb, Ethiopia, Batch 2012): Social Interactions, Aspirations, and Agricultural Innovations: Linkages with Income and Food Security. Doctoral Thesis at Faculty of Agriculture, University of Bonn.

21.10.2016 - **Maximiliano Facundo Vila Seoane** (ZEFa, Argentina, Batch 2012): Beyond profits? An inquiry about media for social transformation in Argentina and Brazil. Doctoral Thesis at University of Bremen.

13.12.2016 – **Timo Falkenberg** (ZEFc, Germany, Batch 2011): Wastewater-Irrigated Urban Agriculture in the Context of WASH in Ahmedabad, India - The Impact of Irrigation Water Quality on the Incidence of Diarrhea. Doctoral thesis at the Faculty of Mathematics and Natural Sciences, University of Bonn

14.12.2016 - **Benedict Chijioke Oyiga** (ZEFc, Nigeria, Batch 2011): Genetic variation of traits related to salt stress response in wheat (*Triticum aestivum* L.). Doctoral Thesis at Faculty of Agriculture, University of Bonn.

20.12.2016 – **Narayan Prasad Adhikari** (ZEFc, Nepal, Batch 2012): Spatial variation of biomass energy supply and demand in rural Nepal. Doctoral Thesis at Faculty of Agriculture, University of Bonn.

21.12.2016 – **Bertrand Nero** (ZEFc, Ghana, Batch 2013): Urban green spaces enhance carbon sequestration and conserve biodiversity in the global south - Case of Kumasi, Ghana. Doctoral Thesis at Faculty of Agriculture, University of Bonn.



New discussion papers from ZEF

(Available online for download:

<http://www.zef.de/index.php?id=2214>)

Cervellati, M., Sunde, U. and K.F. Zimmermann. 2016. Demographic Dynamics and Long-Run Development: Insights for the Secular Stagnation Debate. (ZEF Discussion Papers 226)

Chowdhury, S., Krause, A. and K.F. Zimmermann. 2016. Arsenic Contamination of Drinking Water and Mental Health. (ZEF Discussion Papers 222)

Djanibekov, U. and V. Gaur. 2016. Assessing nexus effects of energy use in rural areas: the case of an inter- and intra-household model for Uttar Pradesh, India. (ZEF Discussion Papers 225)

Djanibekov, U., Finger, R., Gura, D.D., Gaur V. and A. Mirzabaev. 2016. A generic model for analyzing nexus issues of households' bioenergy use. (ZEF Discussion Papers 209)

E.N. Kihui and F. Amukwa-Mensah. 2016. Improving Access to Livestock Markets for Sustainable Rangeland Management. (ZEF Discussion Papers 215)

Getahun, T.D. 2016. The Effect of Industrial Cluster Policy on Firm Performance in Ethiopia: Evidence from the Leather Footwear Cluster. (ZEF Discussion Papers 208)

Graw, V., Oldenburg, C. and O. Dubovyk. 2016. Bush Encroachment Mapping for Africa: Multi-scale analysis with remote sensing and GIS. (ZEF Discussion Papers 218)

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

Malek, M.A., Khan, T.N., Gerber, N., Saha, R. and I. Mohammad. 2016. Can a specially designed information intervention around the WASH-agriculture linkages make any difference? Experimental evidence of behavioral changes and health impacts. (ZEF Discussion Papers 213)

Mekonnen, D.A. 2016. Social Interactions and Aspirations Formation in Rural Ethiopia. (ZEF Discussion Papers 228)

Mekonnen, D.A. and N. Gerber. 2016. The effect of aspirations on agricultural innovations in rural Ethiopia. (ZEF Discussion Papers 214)

Mekonnen, D.A. and N. Gerber. 2016. Aspirations and income, food security and subjective well-being in rural Ethiopia. (ZEF Discussion Papers 212)

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

Rötter, R.P., Sehomi, F.L., Höhn, J.G., Niemi, J.K. and M. van den Berg. 2016. On the use of agricultural system models for exploring technological innovations across scales in Africa: A critical review. (ZEF Discussion Papers 223)

Stark, O. and E. Zawojka. 2016. Will a government find it financially easier to neutralize a looming protest if more groups are involved?. (ZEF Discussion Papers 224)

Stark, O., Falniowski, F. and M. Jakubek. 2016. Consensus income distribution. (ZEF Discussion Papers 227)

Stark, O. and M. Jakubek. 2016. Can a concern for status reconcile diverse social welfare programs?. (ZEF Discussion Papers 211)

Tambo, J.A. and T. Wünscher. 2016. Beyond adoption: welfare effects of farmer innovation behavior in Ghana. (ZEF Discussion Papers 216)

Usman, M.A., Gerber, N. and J. von Braun. 2016. The Impact of Drinking Water Quality and Sanitation on Child Health: Evidence from Rural Ethiopia. (ZEF Discussion Papers 221)

Usman, M.A., Gerber, N. and E.H. Pangaribowo. 2016. Determinants of Household Drinking Water Quality in Rural Ethiopia. (ZEF Discussion Papers 220)

Vangani, R., Saxena, D., Gerber, N., Mavalankar, D. and J. von Braun. 2016. Impact of different irrigation systems on water quality in peri-urban areas of Gujarat, India. (ZEF Discussion Papers 219)

New working papers from ZEF

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Gulati, A., Manchanda, S. and R. Kacker. 2016. Harvesting Solar Power in India. (ZEF Working Papers 152)

Mbaye, L.M. and K.F. Zimmermann. 2016. Natural Disasters and Human Mobility. (ZEF Working Papers 151)

Kavegue, A. and I. Eguavoen. 2016. The experience and impact of urban floods and pollution in Ebo Town, Greater Banjul Area, in The Gambia. (ZEF Working Papers 150)

Sharma, R., Nguyen, T.T., Grote, U. and T.T. Nguyen. 2016. Changing Livelihoods in Rural Cambodia: Evidence from panel household data in Stung Treng. (ZEF Working Papers 149)

Grote, U. and F. Neubacher. 2016. Rural Crime in Developing Countries: Theoretical Framework, Empirical Findings, Research Needs. (ZEF Working Papers 148)

Youkhana, E. 2016. Migrants' religious spaces and the power of Christian Saints – the Latin American Virgin of Cisne in Spain. (ZEF Working Papers 147)

Narayanan, S. and N. Gerber. 2016. Social Safety Nets for Food and Nutritional Security in India. (ZEF Working Papers 146)



Selected new publications from ZEF alumni

Araya T., J. Nyssen, B. Govaerts, J. Deckers, R. Sommer, H. Bauer, K. Gebrehiwot, W. M. Cornelis. 2016. Seven years resource-conserving agriculture effect on soil quality and crop productivity in the Ethiopian drylands. *Soil and Tillage Research* 11/2016; 163:99-109

Awan, U.K., Ibrakhimov, M. Benli, B. and Liaquat, U.W., 2016. A new concept of irrigation response units for effective management of surface and groundwater resources: a case study from the multi-country Fergana Valley, Central Asia. *Irrigation Science*, DOI: 10.1007/s00271-016-0521-9

Bobojonov, I., N. Djanibekov and P. Voigt. 2017. Future Perspectives on Regional and International Food Security: Emerging Players in the Region: Uzbekistan. *The Eurasian Wheat Belt and Food Security* 10: 195-213

Devkota, K.P., A. McDonald, L. Khadka, and M. Devkota. 2016. Fertilizers, hybrids, and the sustainable intensification of maize systems in the rainfed mid-hills of Nepal. *European Journal of Agronomy* 80:154–167

Fosu-Mensah, B., O. Elvis, D. Godfred, and G. Christopher. 2016. Assessment of organochlorine pesticide residues in soils and drinking water sources from cocoa farms in Ghana. *SpringerPlus* 06/2016; 5(5:869):19. DOI:10.1186/s40064-016-2352-9

Garibaldi LA, LG. Carvalheiro, B E. Vaissière, B Gemmill-Herren, J Hipólito, B M. Freitas, H T. Ngo, N Azzu, A Sáez, J Åström, J An, B Blochtein, D Buchori, F J. Chamorro García, F Oliveira da Silva, K Devkota, M de Fátima Ribeiro, L Freitas, M C Gagliano. 2016. Mutually beneficial pollinator diversity and crop yield outcomes in small and large farms. *Science* 6271(351): 388-391

Garibaldi LA, M Dondo, J Hipólito, N azzu, BF Viana and M Kasina. 2016. A quantitative approach to the socio-economic valuation of pollinator-friendly practices: A protocol for its use. *FAO*. Rome, Italy

Ibrahim A., R.C. Abaidoo, D. Fatondji and A. Opoku. 2016. Fertilizer micro-dosing increases crop yield in the Sahelian low-input cropping system: A success with a shadow. *Soil Science and Plant Nutrition*. DOI: 10.1080/00380768.2016.1194169

Joy E.J.M., A. Stein et al. 2016. Valuing increased zinc (Zn) fertiliser-use in Pakistan. *Plant and Soil*, online 8 July. doi:10.1007/s11104-016-2961-7

Khondoker A. Mottaleb · Dil Bahadur Rahut · Akhter Ali · [...] · Olaf Erenstein. 2016. Enhancing smallholder access to agricultural machinery services: Lessons from Bangladesh. *Journal of Development Studies* 11; DOI:10.1080/00220388.2016.1257116

M. Dash, B. Behera, and D.B. Rahut. 2016. Determinants of household collection of non-timber forest products (NTFPs) and alternative livelihood activities in Similipal Tiger Reserve, India. *Forest Policy and Economics* 73

Nyarko, B.K., A. Tanle and A. Akiyoade. 2015. Migrants' Assessment of Prospects in Migration: A Case Study of Conservancy Labourers in the University of Cape Coast, Ghana. In book: *African Roads to Prosperity: People en Route to Socio-cultural and Economic Transformations*, Chapter: 10, Publisher: koninklijke brill nv, Editors: Akinyinka Akinyoade and Jan-Bart Gewald, pp.155-168

Pavel, Md. S., S. Chakrabarty and J. Gow. 2016. Cost of illness for outpatients attending public and private hospitals in Bangladesh. *International Journal for Equity in Health* 15(1): DOI: 10.1186/s12939-016-0458-x

Rahut, D.B., B. Behera and A. Ali. 2016. Household energy choice consumption intensity: Empirical evidence from Bhutan. *Renewable and Sustainable Energy Reviews* 53: 993-1009

Siegmann, K.A. and Schiphorst, F.B.F.M. 2016. Understanding the Globalising Precariat - From Informal Sector to Precarious Work, *Progress in Development Studies* 16(2): 111-123.

Siegmann, K.A. and Schiphorst, F.B.F.M. 2016. Guest Editors Special Issue on 'Precarious Work', *Progress in Development Studies* 16(2).

Snyder, K. A., S. Miththapala, R. Sommer and J. Braslow. 2016. The yield gap: Closing the gap by widening the approach. *Experimental Agriculture*. 08/2016; DOI:10.1017/S0014479716000508

Zander K.K., A. Surjan and S.T. Garnett. 2016. Exploring the effect of heat on stated intentions to move. *Climate Change*. DOI:10.1007/s10584-016-1727-9

Zander, K.K., · W. J.W. Botzen, · E. Oppermann and · S.T. Garnett. 2015. Heat stress causes substantial labour productivity loss in Australia. *Nature Climate Change* 5: 647-652

Current ZEF-projects

- Bioenergy, Bioeconomy and Food Security Project
- BiomassWeb - Improving food security in Africa through increased system productivity of biomass-based value webs
- Crossroads Asia
- Developing food and nutrition security criteria for biomass standards and certifications (ESSZert)
- Diversifying agriculture for balanced nutrition through fruits and vegetables in multi-storey cropping systems (NutriHAF-Africa) xx
- Economics of Land Degradation (ELD)
- FoodSecure
- Forests in the global bioeconomy: developing multi-scale policy scenarios xx
- German-Bolivian Partnership for integrating biodiversity measures in environmental impact assessments xx
- Ghanaian-German Center for Development Studies (GGCDS)
- Health Research Capacity and Water-Related Diseases: Improving Risk Assessment Strategies for Public Health Care in Uzbekistan (HEALTHCAP)
- Improved application strategies for entomopathogenic fungi (EPF) as biological control agents in integrated pest management (IPM)
- Integrated water resources management: Middle Olifants South Africa (MOSA)
- Marginality Reduction for enhanced Investments for and with the poorest (MARGIP)
- Program of Accompanying Research for Agricultural Innovation (PARI) xx
- PROIntensAfrica xx
- Shaping environmental policies for sustainable tropical forest bioeconomies
- Volatility in Commodity Markets, Trade Policy and the Poor Folgeprojekt
- WATSAN-AGRICULTURE: Guiding pro-poor investments in the nexus among domestic water quality and quantity, sanitation and hygiene, and agriculture from the bottom-up
- West African Science Service Center on Climate Change and Adapted Land Use (WASCAL)

New ZEF calendar 2017

The new ZEF calendar for 2017 is available now! It shows another series of amazing pictures taken by our ZEF researchers from all over the world. If you are interested in receiving a calendar, please send your address to Dr. Manske ([gmanske\(at\)uni-bonn.de](mailto:gmanske@uni-bonn.de)).

