

# Literaturliste Stefan Liehr

Muche, Svea, Markus Rauchecker, Stefan Liehr (2026): Bush thinning and use – A solution for rangeland management and energy production?. NamTip Factsheet 15. Potsdam, Bonn, Tübingen, Cologne, Leipzig, Frankfurt am Main, Windhoek: NamTip consortium

Britsch, Marlen, Markus Rauchecker, Katja Brinkmann, Stefan Liehr (2025): Collaboration and Collective Learning to Sustain Freehold Farms. NamTip Factsheet 13. Potsdam, Bonn, Tübingen, Cologne, Leipzig, Frankfurt am Main, Windhoek: NamTip consortium

Grieger, Lena, Katja Brinkmann, Markus Rauchecker, Stefan Liehr (2025): Desertification as a Social-Ecological Trap: How Does It Come About and What Are Namibian Freehold Farmers Doing About It?. Land 14 (5), 1016. <https://doi.org/10.3390/land14051016>

Brinkmann, Katja, Markus Rauchecker, Stefan Liehr, Lena Grieger (2025): Desertification as interlinked crisis situations and freehold farmers responses. NamTip Factsheet 12. Potsdam u. a.: NamTip consortium

Linstädter, Anja, Thomas Bringhenti, Stefan Liehr (2025): NamTip: a German-Namibian cooperative project. Understanding Desertification Tipping Points in the Face of Climate Change. NamTip Factsheet 1. Potsdam, Bonn, Tübingen, Cologne, Leipzig, Frankfurt am Main, Windhoek: NamTip consortium

Liehr, Stefan (2025): Wasser im sozial-ökologischen Diskurs Wassermanagement – Ein hybrider Gegenstand sozial-ökologischer Forschung. In: Simon, Karl-Heinz, Gabriele Harrer, Felix Tretter (Hg.): Humanökologie des Wassers Edition Humanökologie. München: oekom verlag, 93–106

Möller, Kay, Stefan Liehr, Sze Yie Chan, Deike U. Lüdtker, Robert Lütkeemeier, Axel Schmidt, Marius Wilke, Daniel Zipperer (2024): Masterplan Zukunftssichere Wasserversorgung im Saarland 2040. Saarbrücken: Verband der Energie- und Wasserwirtschaft des Saarlandes VEWSaar

Hauptfleisch, Morgan, Niels Blaum, Stefan Liehr, Robert Hering, Ronja Kraus, Manjana Tausendfreund, Alice Cimenti, Deike U. Lüdtker, Markus Rauchecker, Kenneth Uiseb (2024): Trends and Barriers to Wildlife-Based Options for Sustainable Management of Savanna Resources: The Namibian Case. In: Maltitz, Graham P.von, Guy F. Midgley, Jennifer Veitch, Christian Brümmer, Reimund P. Rötter (Hg.): Ecological Studies 248. Cham: Springer, 499–525. <https://doi.org/10.1007/978-3-031-10948-5>

Liehr, Stefan, Marc Beckett, Baumgartner Annamirl (2024): Wasser-Innovationszentren für Indien: Impulse für nachhaltige Lösungen und eine Stärkung der deutsch-indischen Zusammenarbeit im Wassersektor. AQUA-Hub Leitfaden Frankfurt am Main, Stuttgart, Köln: ISOE - Institut für sozial-ökologische Forschung, Fraunhofer-Institut für Grenzflächen- und Bioverfahrenstechnik IGB, trAIDe

Liehr, Stefan, Marc Beckett (2024): Water Innovation Hubs for India: Points of convergence for Indo-German cooperation and challenges of implementation - Lessons learnt in the transition from concept

to practice. AQUA- Hub Policy Brief. Frankfurt am Main, Stuttgart

Beckett, Marc, Sreya Prakash, Stefan Liehr (2024): Water quality analyses of Coimbatore's water bodies as foundation for decentral water treatment concepts. AQUA-Hub Report Stuttgart, Coimbatore, Frankfurt am Main: Fraunhofer Institute for Interfacial Engineering and Biotechnology IGB, ISOE - Institute for Social-Ecological Research

Lütke-meier, Robert, Ronja Kraus, Meed Mbidzo, Morgan Hauptfleisch, Stefan Liehr, Niels Blaum (2023): A Qualitative Exploration of Conflicts in Human-Wildlife Interactions in Namibia's Kunene Region. *Diversity* 15 (3), 440. <https://doi.org/10.3390/d15030440>

Kraus, Ronja, Stefan Liehr, Robert Lütke-meier, Morgan Hauptfleisch, Ivonne Makando, Nichola M. Knox (2023): Cumulative impact of fences and land use on elephant movement. Factsheet 12. Frankfurt am Main, Potsdam, Berlin, Winhoek: ORYCS Project Consortium

Prakash, Sreya, Stefan Liehr, Marc Beckett, Marius Mohr (2023): Decentralizing for the Future. Water Innovation Hub Coimbatore - HubPost 6. Coimbatore, Frankfurt am Main, Stuttgart: ISOE - Institute for Social-Ecological Research

Lüdtke, Deike U., Manjana Tausendfreund, Stefan Liehr (2023): Farmers' perception of wildlife. How do farmers feel about certain wildlife species?. Factsheet 13. Frankfurt am Main, Potsdam, Berlin, Winhoek: ORYCS Project Consortium

Rauchecker, Markus, Alice Cimenti, Stefan Liehr (2023): How to bring knowledge and policies to farmers. Factsheet 14. Frankfurt am Main, Potsdam, Berlin, Winhoek: ORYCS Project Consortium

Blaum, Niels, Dirk Lohmann, Stefan Liehr, Deike U. Lüdtke, Markus Rauchecker, Ben Mapani, Morgan Hauptfleisch, Martin Hipondoka, Isaac Mapaire, Kenneth Uiseb (2023): Science-led perspectives to guide wildlife-based strategies of land use. Insights from a German-Namibian research cooperation. Factsheet 15. Frankfurt am Main, Potsdam, Berlin, Windhoek: ORYCS Project Consortium

Prakash, Sreya, Stefan Liehr, Marc Beckett, Marius Mohr (2023): The Predicament of Industrial Wastewater. Water Innovation Hub Coimbatore - HubPost 5. Coimbatore, Frankfurt am Main, Stuttgart: ISOE - Institute for Social-Ecological Research

Lüdtke, Deike U., Verena Rossow, Nicola Schuldt-Baumgart, Stefan Liehr (2022): Avoiding pitfalls in knowledge transfer. A guide using the example of communication with Namibian land users. ISOE-Blog Soziale Ökologie. Krise - Kritik - Gestaltung. <https://www.isoe.de/en/blog/avoiding-pitfalls-in-knowledge-transfer>

Prakash, Sreya, Stefan Liehr, Marc Beckett, Marius Mohr (2022): Championing the Rejuvenation. Water Innovation Hub Coimbatore - HubPost 3. Coimbatore, Frankfurt am Main, Stuttgart: ISOE - Institute for Social-Ecological Research

Prakash, Sreya, Stefan Liehr, Marc Beckett, Marius Mohr (2022): Coimbatore's Lakes - An Introduction.

Water Innovation Hub Coimbatore - HubPost 1. Coimbatore, Frankfurt am Main, Stuttgart

Rice, Jake, Tamara Ticktin, Caroline Akachuku, Isabel Díaz-Reviriego, Takuya Furukawa, Edson Gandiwa, Lusine Margayan, Pua'ala , Jyothis Sathyapalan, Vukan Lavadinovic, H  l  ne Artaud, H  kon Asp  y,   kos Avar, D  niel Babai, Tamatoa Bambridge, Hossein Barani, Elizabeth S. Barron, E. B. Uday Bhaskar Reddy, Anna S. Brietzke, Pablo Dominguez, Rosie Franco, Mike Gilby, Hyejin Kim, Lorena Jaramillo, Katie Kamelamela, Berit K  hler, Olve Krange, Emma Lee, Ulrika Lein, Stefan Liehr, Lukasz Luczaj, Daniel Maghanjo Mwamidi, Denise Margaret S. Matias, Sarah-Lan Mathez-Stiefel, Alexander Mawyer, Camille Maz  , Marion Mehring, Csaba M  sz  ros, Zsolt Moln  r, Snehlata Nath, Mohanty Neha, Ivana Padierna, Frederic Perron-Welch, Juan Gabriel Renom, Matthieu Salpeteur, Aibek Samakov, Lisa Sasaki, Engelbert Schramm, Krishnan Siddhartha, H  kon Stokland, Kim-Ly Thompson, Jiska van Dijk, Anita Varghese, Pirjo Kristiina Virtanen, Xiaoyue Li (2022): Conceptualizing the sustainable use of wild species. In: Fromentin, Jean-Marc, Maria R. Emery, John Donaldson, Marie-Claire Danner, Agn  s Hallosserie (Hg.): Thematic Assessment Report on the Sustainable Use of Wild Species of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services. Bonn: IPBES, 60-143. <https://doi.org/10.5281/zenodo.10925297>

L  dtke, Deike U., Verena Rossow, Nicola Schuldt-Baumgart, Stefan Liehr (2022): How to reach people through knowledge transfer - Sustainability and conservation research: addressing Namibian land users. ISOE Policy Brief 9. Frankfurt am Main: ISOE - Institut f  r sozial-  kologische Forschung

Drees, Lukas, Stefan Liehr, Batjav Batbuyan, Oskar Marg, Marion Mehring (2022): In search of a nomadic pastoralism for the 21st century. A transdisciplinary development of future scenarios to foster a social-ecological transformation in Mongolia. *Innovation: The European Journal of Social Science Research* 35 (3), 481-505. <https://doi.org/10.1080/13511610.2022.2100744>

Prakash, Sreya, Stefan Liehr, Marc Beckett, Marius Mohr (2022): Smart Monitoring for Smart Management. Water Innovation Hub Coimbatore - HubPost 4. Coimbatore, Frankfurt am Main, Stuttgart: ISOE - Institute for Social-Ecological Research

Prakash, Sreya, Stefan Liehr, Marc Beckett, Marius Mohr (2022): The Slow Death of the Lakes. Water Innovation Hub Coimbatore - HubPost 2. Coimbatore, Frankfurt am Main, Stuttgart

Brinkmann, Katja, Daniel K  bler, Stefan Liehr, Andreas B  rkert (2021): Agent-based modelling of the social-ecological nature of poverty traps in southwestern Madagascar. *Agricultural Systems* 190, 103125. <https://doi.org/10.1016/j.agsy.2021.103125>

M  nner, Florian A., Lisa-Maricia Schwarz, Diego A. Menestrey Schwieger, Vistorina Amputu, Mark C. Bilton, Katja Brinkmann, Gunnar Dressler, Ndamonenghenda Hamunyela, Hendrik Heita, Sara Heshmati, Stefan Liehr, Meed Mbidzo, Faith Munyebvu-Chambara, Wellencia Carla Nesongano, Markus Rauchecker, Alexandra Sandhage-Hofmann, Katja Tielb  rger, Klaus Zimmer, Anja Linst  dter (2021): An Integrated Framework to Study Ecological Tipping Points in Social-Ecological Systems. *International Grassland Congress Proceedings*

Schneider, Florian Dirk, Denise Margaret S. Matias, Stefanie Burkhart, Lukas Drees, Thomas Fickel,

Diana Hummel, Stefan Liehr, Engelbert Schramm, Marion Mehring (2021): Biodiversity conservation as infectious disease prevention: why a social-ecological perspective is essential. *Global Sustainability* 4 (e13), 1-6. <https://doi.org/10.1017/sus.2021.11>

Plank, Christina, Stefan Liehr, Diana Hummel, Dominik Wiedenhofer, Helmut Haberl, Christoph Görg (2021): Doing more with less: Provisioning systems and the transformation of the stock-flow-service nexus. *Ecological Economics* 187, 107093. <https://doi.org/10.1016/j.ecolecon.2021.107093>

Liehr, Stefan, Robert Lütke-meier, Deike U. Lütke (2021): Erstellung eines Trinkwassertagesbedarf-Prognose-Modells für das Versorgungsgebiet von HAMBURG WASSER. Frankfurt am Main: ISOE - Institut für sozial-ökologische Forschung

Kraus, Ronja, Robert Lütke-meier, Morgan Hauptfleisch, Stefan Liehr (2021): Finished ORYCS master's thesis: Landscape permeability for elephant movement. *SPACES II Newsletter* 5. Science Partnerships for the Adaptation to Complex Earth System Processes in Southern Africa, 6

Liehr, Stefan, Deike U. Lütke (2021): Hamburger Wasserverbrauchsstudie 2021 - Begleit-Analyse der Ergebnisse. Hamburg Wasser

Lütke, Deike U., Robert Lütke-meier, Michael Schneemann, Stefan Liehr (2021): Increase in Daily Household Water Demand during the First Wave of the Covid-19 Pandemic in Germany. *Water* 13 (3), 260. <https://doi.org/10.3390/w13030260>

Brinkmann, Katja, Stefan Liehr, Lena Bickel (2021): Rangeland Management in Namibia in the Face of Looming Desertification: Insights from the Freehold Farmers' Perspective. In: National Organizing Committee of 2021 IGC/IRC Congress (Hg.): *International Grassland Congress Proceedings*

Frick-Trzebitzky, Fanny, Katja Brinkmann, Katharina Koböck, Stefan Liehr, Thomas Fickel (2021): Sozial-ökologische Konfliktanalyse zur Deichsanierung entlang der Weschnitz zwischen Biblis und Einhausen. *ISOE-Materialien Soziale Ökologie* 64. Frankfurt am Main: ISOE - Institut für sozial-ökologische Forschung

Lütke-meier, Robert, Ronja Kraus, Meed Mbidzo, Morgan Hauptfleisch, Stefan Liehr (2021): Stakeholder Attitudes towards Wildlife-Based Land Use in Namibia's Kunene Region. *IGC-IRC2021 Proceedings Agricultural and Livestock Research Organization*

Lütke-meier, Robert, Meed Mbidzo, Stefan Liehr (2021): Water security and rangeland sustainability: Transdisciplinary research insights from Namibian-German collaborations. *South African Journal of Science* 117 (1/2), 7773. <https://doi.org/10.17159/sajs.2021/7773>

Kraus, Ronja, Robert Lütke-meier, Meed Mbidzo, Morgan Hauptfleisch, Stefan Liehr (2020): Approaching the interaction between society and wildlife. *SPACES II Newsletter* 2. Science Partnerships for the Adaptation to Complex Earth System Processes in Southern Africa, 23

Schramm, Engelbert, Martina Winker, Stefan Liehr, Immanuel Stieß (2020): Blau-grün-graue

Infrastrukturen in ihrer Bedeutung für sozial-ökologische Versorgungssysteme. In: Trapp, Jan Hendrik, Martina Winker (Hg.): Blau-grün-graue Infrastrukturen vernetzt planen und umsetzen. Ein Beitrag zur Klimaanpassung in Kommunen. Berlin: Deutsches Institut für Urbanistik Difu, 44–49

Frick-Trzebitzky, Fanny, Stefan Liehr (2020): Modellierung der Entfaltung von Klimawirkungen im Quartier. In: Trapp, Jan Hendrik, Martina Winker (Hg.): Blau-grün-graue Infrastrukturen vernetzt planen und umsetzen. Ein Beitrag zur Klimaanpassung in Kommunen. Berlin: Deutsches Institut für Urbanistik Difu, 71–78

Frick-Trzebitzky, Fanny, Stefan Liehr (2020): Möglichkeiten der Wirkungsmodellierung blau-grün-grauer Infrastrukturen. In: Trapp, Jan Hendrik, Martina Winker (Hg.): Blau-grün-graue Infrastrukturen vernetzt planen und umsetzen. Ein Beitrag zur Klimaanpassung in Kommunen. Berlin: Deutsches Institut für Urbanistik Difu, 50–56

Frick-Trzebitzky, Fanny, Stefan Liehr (2020): Möglichkeiten und Grenzen der sozial-ökologischen Modellierung von Wirkungen blau-grün-grauer Infrastrukturen. In: Trapp, Jan Hendrik, Martina Winker (Hg.): Blau-grün-graue Infrastrukturen vernetzt planen und umsetzen. Ein Beitrag zur Klimaanpassung in Kommunen. Berlin: Deutsches Institut für Urbanistik Difu, 79–81

Liehr, Stefan, Nicola Schuldt-Baumgart (2020): NamTip: Wissenstransfer in der internationalen Nachhaltigkeitsforschung - die Rolle der Stakeholder. In: Deutsches Zentrum für Luft- und Raumfahrt DLR (Hg.): ITB infoservice Schwerpunktausgaben 15. Bonn, 44–46

Jahn, Thomas, Diana Hummel, Lukas Drees, Stefan Liehr, Alexandra Lux, Marion Mehring, Immanuel Stieß, Carolin Völker, Martina Winker, Martin Zimmermann (2020): Shaping social-ecological transformations in the Anthropocene. ISOE-Diskussionspapiere 45. Frankfurt am Main: Institut für sozial-ökologische Forschung (ISOE)

Jahn, Thomas, Diana Hummel, Lukas Drees, Stefan Liehr, Alexandra Lux, Marion Mehring, Immanuel Stieß, Carolin Völker, Martina Winker, Martin Zimmermann (2020): Sozial-ökologische Gestaltung im Anthropozän. GAIA 29 (2), 93–97. <https://doi.org/10.14512/gaia.29.2.6>

Kraus, Ronja, Robert Lütke-meier, Meed Mbidzo, Morgan Hauptfleisch, Stefan Liehr (2020): Stakeholder attitudes on wildlife in Namibia's Kunene Region. SPACES II Newsletter 4. Science Partnerships for the Adaptation to Complex Earth System Processes in Southern Africa, 16

Mohr, Marius, Marc Beckett, Stefan Liehr, Alyssa Weskamp, Philip Okito, Sina Okito (2019): Challenges and solutions for a Smart Water Future in Indian cities - the case of Coimbatore. Watersolutions (4), 32–35

Liehr, Stefan, Robert Lütke-meier, Denise Marx, Oliver Schulz (2019): Entwicklung und Anwendung wasserwirtschaftlicher Proxies und Szenarien in Vergangenheit und Zukunft. Schlussbericht. Frankfurt am Main

Lütke-meier, Robert, Ronja Kraus, Meed Mbidzo, Stefan Liehr (2019): First assessment of perspectives

on wildlife management. SPACES II Newsletter 1. Science Partnerships for the Adaptation to Complex Earth System Processes in Southern Africa

Liehr, Stefan, Robert Lütkeemeier (2019): Fundierte Vorausschau statt bloßer Schätzung. Bedarfsprognosen. der gemeinderat 63 (12/19 - 1/20), 56-57

Lütkeemeier, Robert, Stefan Liehr (2019): Integrated responses to drought risk in Namibia and Angola. ISOE Policy Brief 6. Frankfurt am Main: Institut für sozial-ökologische Forschung (ISOE)

Zimmermann, Martin, Stefan Liehr, Thomas Kluge (2019): Integrating Sanitation, Water Reuse and the Production of Food Crops - 6 Years of Experiences in Central Northern Namibia. Book of Abstracts , 3-9

Battenberg, Sina, Stefan Liehr, Marius Mohr, Philip Okito, Alyssa Weskamp (2019): Strategic perspectives for Coimbatore water management and infrastructure. Stuttgart et al.: Fraunhofer Institut für Grenzflächen- und Bioverfahrenstechnik IGB/ISOE - Institut für sozial-ökologische Forschung/Drees& Sommer Advanced Building Technologies GmbH/trAIDe GmbH

Woltersdorf, Laura, Martin Zimmermann, Jutta Deffner, Markus Gerlach, Stefan Liehr (2018): Benefits of an integrated water and nutrient reuse system for urban areas in semi-arid developing countries. Resources, Conservation and Recycling 128, 382-393.  
<https://doi.org/10.1016/j.resconrec.2016.11.019>

Jokisch, Alexander, Thomas Kluge, Wilhelm Urban (2018): Benefits, effects on the regional economy, and financing options for rain- and floodwater harvesting. In: Liehr, Stefan, Johanna Kramm, Alexander Jokisch, Katharina Müller (Hg.): Integrated Water Resources Management in Water-scarce Regions. London: IWA Publishing, 118-130

Liehr, Stefan, Thomas Kluge (2018): Challenges of transdisciplinary research and lessons learnt. In: Liehr, Stefan, Johanna Kramm, Alexander Jokisch, Katharina Müller (Hg.): Integrated Water Resources Management in Water-scarce Regions: Water Harvesting, Groundwater Desalination and Water Reuse in Namibia. London: IWA Publishing, 235-240. [https://doi.org/10.2166/9781780407913\\_235](https://doi.org/10.2166/9781780407913_235)

Müller, Katharina, Peter Cornel, Thomas Kluge (2018): Conclusions. In: Liehr, Stefan, Johanna Kramm, Alexander Jokisch, Katharina Müller (Hg.): Integrated Water Resources Management in Water-scarce Regions. London: IWA Publishing, 81-84

Liehr, Stefan, Oliver Schulz (2018): Den Wasserbedarf der Kommune prognostizieren. Treffpunkt Kommune

Lütkeemeier, Robert, Stefan Liehr (2018): Drought sensitivity in the Cuvelai Basin: empirical analysis of seasonal water and food consumption patterns. In: Revermann, Rasmus, Kristin M. Krewenka, Ute Schmiedel, Jane M. Olwoch, Jörg Helmschrot, Norbert Jürgens (Hg.): Biodiversity & Ecology 6. Göttingen & Windhoek: Klaus Hess Publishers, 160-167. <https://doi.org/10.7809/b-e.00319>

Papangelou, Anastasia, Marian Brenda, Vanessa Hirsch, Stefan Liehr, Wilhelm Urban (2018): Economic viability and financing options. In: Liehr, Stefan, Johanna Kramm, Alexander Jokisch, Katharina Müller (Hg.): Integrated Water Resources Management in Water-scarce Regions. London: IWA Publishing, 200–204

Zimmermann, Martin, Stefan Liehr, Thomas Kluge (2018): Economic viability, tariffs and financing options. In: Liehr, Stefan, Johanna Kramm, Alexander Jokisch, Katharina Müller (Hg.): Integrated Water Resources Management in Water-scarce Regions. London: IWA Publishing, 60–64

Brenda, Marian, Anastasia Papangelou, Vanessa Hirsch, Stefan Liehr, Wilhelm Urban (2018): Environmental impact. In: Liehr, Stefan, Johanna Kramm, Alexander Jokisch, Katharina Müller (Hg.): Integrated Water Resources Management in Water-scarce Regions. London: IWA Publishing, 205–208

Zimmermann, Martin, Laura Woltersdorf (2018): Evaluation of sustainability. In: Liehr, Stefan, Johanna Kramm, Alexander Jokisch, Katharina Müller (Hg.): Integrated Water Resources Management in Water-scarce Regions. London: IWA Publishing, 70–80

Jokisch, Alexander, Oliver Schulz, Anastasia Papangelou (2018): Geographic conditions of central-northern Namibia. In: Liehr, Stefan, Johanna Kramm, Alexander Jokisch, Katharina Müller (Hg.): Integrated Water Resources Management in Water-scarce Regions. London: IWA Publishing, 10–18

Liehr, Stefan, Vanessa Hirsch, Wilhelm Urban, Thomas Kluge (2018): Governance and capacity development. In: Liehr, Stefan, Johanna Kramm, Alexander Jokisch, Katharina Müller (Hg.): Integrated Water Resources Management in Water-scarce Regions. London: IWA Publishing, 209–213

Schulz, Oliver, Alexander Jokisch, Jutta Deffner, Thomas Kluge, Isaac Kariuki, Wilhelm Urban (2018): Governance and capacity development: main pillars for implementing rain- and floodwater harvesting techniques in horticulture. In: Liehr, Stefan, Johanna Kramm, Alexander Jokisch, Katharina Müller (Hg.): Integrated Water Resources Management in Water-scarce Regions. London: IWA Publishing, 140–151

Brenda, Marian, Anastasia Papangelou, Vanessa Hirsch, Alexander Jokisch, Jutta Deffner, Stefan Liehr, Thomas Kluge, Monika Sander, Wilhelm Urban (2018): Groundwater desalination in central-northern Namibia: conclusions. In: Liehr, Stefan, Johanna Kramm, Alexander Jokisch, Katharina Müller (Hg.): Integrated Water Resources Management in Water-scarce Regions. London: IWA Publishing, 222–223

Bergmann, Thomas, Oliver Schulz, Heike Wanke, Stefan Liehr (2018): Groundwater quality in Namibia and its relation to land use and management. In: Blaum, Niels, Dirk Lohmann, Katja Geißler (Hg.): OPTIMASS - A joint Namibian-German research project. Potsdam: University of Potsdam, 24–25

Lütke-meier, Robert, Stefan Liehr (2018): Household Drought Risk Index (HDRI): Social-Ecological Assessment of Drought Risk in the Cuvelai-Basin. Journal of Natural Resources and Development 08, 46–68

Weskamp, Alyssa, Stefan Liehr, Marius Mohr (2018): Integrated analysis of water management and

infrastructure in Coimbatore. Stuttgart et al.: Fraunhofer Institut für Grenzflächen- und Bioverfahrenstechnik IGB/ISOE - Institut für sozial-ökologische Forschung/Drees& Sommer Advanced Building Technologies GmbH/trAIDe GmbH

Müller, Katharina, Peter Cornel, Thomas Kluge (2018): Integrated systemic approach. In: Liehr, Stefan, Johanna Kramm, Alexander Jokisch, Katharina Müller (Hg.): Integrated Water Resources Management in Water-scarce Regions. London: IWA Publishing, 28-31

Kluge, Thomas (2018): Integrated water resources management (IWRM) in water-scarce regions - from theory to implementation. In: Liehr, Stefan, Johanna Kramm, Alexander Jokisch, Katharina Müller (Hg.): Integrated Water Resources Management in Water-scarce Regions. London: IWA Publishing, 1-8

Liehr, Stefan, Johanna Kramm, Alexander Jokisch, Katharina Müller (Hg.) (2018): Integrated Water Resources Management in Water-scarce Regions: Water Harvesting, Groundwater Desalination and Water Reuse in Namibia. London: IWA Publishing. <https://doi.org/10.2166/9781780407913>

Schulz, Oliver, Stefan Liehr, Jörg Grossmann (2018): Integrierte Wasserbedarfsprognosen. Herausforderungen für die Bedarfsabschätzung in Kommunen. Behörden Spiegel September 2018, 24

Mehring, Marion, Batjav Batbuyan, Sanjaa Bolortsetseg, Bayarbaatar Buuveibaatar, Tserendeleg Dashpurev, Lukas Drees, Shiilegdamba Enkhtuvshin, Gonchigsumlaa Ganzorig, Thomas Hickler, Lukas Lehnert, Stefan Liehr, Georg Miehe, Gungaa Munkhbolor, Thomas Müller, Dejid Nandintsetseg, Kirk Olson, Irene Ring, Anika Tarne, Yun Wang, Karsten Wesche (2018): Keep on moving - How to facilitate nomadic pastoralism in Mongolia in the light of current societal transformation processes. ISOE Policy Brief 7. Frankfurt am Main: Institut für sozial-ökologische Forschung (ISOE)

Bischofberger, Jenny, Nicola Schuldt-Baumgart, Julia Röhrig, Oliver Schulz, Melanie Neugart (2018): Knowledge exchange between research and practice. In: Liehr, Stefan, Johanna Kramm, Alexander Jokisch, Katharina Müller (Hg.): Integrated Water Resources Management in Water-scarce Regions. London: IWA Publishing, 225-234

Lütke-meier, Robert, Johanna Kramm, Stefan Liehr (2018): Living in the 'hottest room' of hothouse Earth. How a multi-resources-mix can reduce drought risk in Namibia. Watersolutions (3), 82-86

Liehr, Stefan, Jenny Bischofberger, Oliver Schulz (2018): Local knowledge for shaping adapted and flexible management strategies. In: Blaum, Niels, Dirk Lohmann, Katja Geißler (Hg.): OPTIMASS - A joint Namibian-German research project. Potsdam: University of Potsdam, 58-59

Müller, Katharina, Peter Cornel, Martin Zimmermann, Johanna Kramm (2018): Management, commitment, responsibilities, professional training. In: Liehr, Stefan, Johanna Kramm, Alexander Jokisch, Katharina Müller (Hg.): Integrated Water Resources Management in Water-scarce Regions. London: IWA Publishing, 65-69

Menestrey Schwieger, Diego A., Dave Joubert, Jenny Bischofberger, Michael Bolling, Kristjan Canak, Gunnar Dressler, Corris Kaapehi, Bertus Kruger, Stefan Liehr, Meed Mbidzo, Birgit Müller, Wellencia

Carla Nesongano, Jan C. Ruppert, Alexandra Sandhage-Hofmann, Katja Tielbörger, Cornelis van der Waal, Anja Linstädter (2018): NamTip - an upcoming research project to understand and prevent desertification tipping points in Namibian rangelands. Poster. <https://doi.org/10.13140/RG.2.2.35935.48801>

Jokisch, Alexander, Vanessa Hirsch, Wilhelm Urban, Jutta Deffner, Oliver Schulz, Thomas Kluge (2018): Rain- and floodwater harvesting in central-northern Namibia: conclusions. In: Liehr, Stefan, Johanna Kramm, Alexander Jokisch, Katharina Müller (Hg.): Integrated Water Resources Management in Water-scarce Regions. London: IWA Publishing, 165–170

Deffner, Jutta, Barbara Birzle-Harder (2018): Social adoption, experiences and constraints of small-scale horticulture with harvested rain- and floodwater. In: Liehr, Stefan, Johanna Kramm, Alexander Jokisch, Katharina Müller (Hg.): Integrated Water Resources Management in Water-scarce Regions. London: IWA Publishing, 111–117

Deffner, Jutta, Monika Sander, Marian Brenda, Stefan Liehr (2018): Social and health aspects of local water supply using desalination techniques. In: Liehr, Stefan, Johanna Kramm, Alexander Jokisch, Katharina Müller (Hg.): Integrated Water Resources Management in Water-scarce Regions. London: IWA Publishing, 190–199

Kramm, Johanna, Jutta Deffner (2018): Social aspects of new sanitation infrastructure. In: Liehr, Stefan, Johanna Kramm, Alexander Jokisch, Katharina Müller (Hg.): Integrated Water Resources Management in Water-scarce Regions. London: IWA Publishing, 52–59

Drees, Lukas, Stefan Liehr, Marian Brenda (2018): Sustainability assessment of the CuveWaters desalination systems. In: Liehr, Stefan, Johanna Kramm, Alexander Jokisch, Katharina Müller (Hg.): Integrated Water Resources Management in Water-scarce Regions. London: IWA Publishing, 213–222

Lütke-meier, Robert, Lina Stein, Lukas Drees, Hannes Müller, Stefan Liehr (2018): Uncertainty of Rainfall Products: Impact on Modelling Household Nutrition from Rain-Fed Agriculture in Southern Africa. *Sustainability* 10 (4), 499. <https://doi.org/10.3390/w1004099>

Liehr, Stefan, Engelbert Schramm, Oliver Schulz (2018): Wasserbedarfsanalysen: Planungssicherheit für Kommunen. *3R Fachzeitschrift für sichere und effiziente Rohrleitungssysteme* (9/2018), 38–41

Polak, Matthias, Thomas Kluge (2018): Water governance in Namibia: Progress in and challenges of putting IWRM into practice. In: Liehr, Stefan, Johanna Kramm, Alexander Jokisch, Katharina Müller (Hg.): Integrated Water Resources Management in Water-scarce Regions. London: IWA Publishing, 23–26

Clercq, Willem, Jörg Helmschrot, Marlene Witt, Thomas Himmelsbach, Piet Kenabatho, Sven Kralisch, Stefan Liehr, Lopes Ferreira Baptista, Oarabile Mogobe, Pauline Mufeti, Inken Müller, Imasiku Nyambe, Henry M. Sichingabula, Amandio Teixeira-Pinto, Gabriela J. P. Teixeira Pires, Martin Hipondoka, Heike Wanke (2018): Water research in southern Africa: Data collection and innovative approaches towards climate change adaptation in the water sector. In: Revermann, Rasmus, Kristin M. Krewenka, Ute

Schmiedel, Jane M. Olwoch, Jörg Helmschrot, Norbert Jürgens (Hg.): Biodiversity & Ecology 6. Göttingen & Windhoek: Klaus Hess Publishers, 54–65. <https://doi.org/10.7809/b-e.00319>

Zimmermann, Martin, Laura Woltersdorf, Jörg Felmeden, Katharina Müller (2018): Water reuse for agricultural irrigation. In: Liehr, Stefan, Johanna Kramm, Alexander Jokisch, Katharina Müller (Hg.): Integrated Water Resources Management in Water-scarce Regions. London: IWA Publishing, 42–51

Kluge, Thomas, Matthias Polak (2018): Water supply infrastructure and sanitation in central-northern Namibia. In: Liehr, Stefan, Johanna Kramm, Alexander Jokisch, Katharina Müller (Hg.): Integrated Water Resources Management in Water-scarce Regions. London: IWA Publishing, 19–22

Bischofberger, Jenny, Evelyne Gab, Stefan Liehr (2018): Who is interested and how will they be involved? A stakeholder analysis with respect to desertification tipping points in dryland social-ecological systems. ISOE-Materialien Soziale Ökologie 50. Frankfurt am Main: ISOE - Institut für sozial-ökologische Forschung

Thonicke, Kirsten, Michael Bahn, Richard Bardgett, Jasper Bloemen, Ilan Chabay, Karlheiz Erb, Mariasilvia Giamberini, Simone Gingrich, Sandra Lavorel, Stefan Liehr, Anja Rammig (2017): Advancing the adaptive capacity of social-ecological systems to absorb climate extremes. Geophysical Research Abstracts 19 (EGU2017-12441)

Lütke-meier, Robert, Lina Stein, Lukas Drees, Stefan Liehr (2017): Blended Drought Index: Integrated Drought Hazard Assessment in the Cuvelai-Basin. Climate 5 (3), 51. <https://doi.org/10.3390/cli5030051>

Görg, Christoph, Ulrich Brand, Helmut Haberl, Diana Hummel, Thomas Jahn, Stefan Liehr (2017): Challenges for Social-Ecological Transformations: Contributions from Social and Political Ecology. Sustainability 9 (7), 1045–106. <https://doi.org/10.3390/su9071045>

Schulz, Oliver, Stefan Liehr, Jörg Grossmann (2017): Das integrierte Prognosemodell für den Wasserbedarf von Hamburg - Szenarien, Fortschreibung und Perspektiven. energie/wasser-praxis (8), 58–63

Lütke-meier, Robert, Lina Stein, Lukas Drees, Stefan Liehr (2017): Drought in the Cuvelai-Basin. Integrated Tool for Drought Hazard Assessment. SASSCAL NEWS 2 (3), 12–13

Mehring, Marion, Barbara Bernard, Diana Hummel, Stefan Liehr, Alexandra Lux (2017): Halting biodiversity loss: how social-ecological biodiversity research makes a difference. International Journal of Biodiversity Science, Ecosystem Services & Management 13 (1), 172–180. <https://doi.org/10.1080/21513732.2017.1289246>

Liehr, Stefan, Julia Röhrig, Marion Mehring, Thomas Kluge (2017): How the Social-Ecological Systems Concept Can Guide Transdisciplinary Research and Implementation: Addressing Water Challenges in Central Northern Namibia. Sustainability 9 (7), 1109. <https://doi.org/10.3390/su9071109>

Kampfl, Sarah, Robert Lütkemeier, Stefan Liehr (2017): Impact of Household Decisions on Grazing Pressure in Northern Namibia. Modelling Approach for Sustainable Livestock Management. SASSCAL NEWS 2 (2), 13–14

Winker, Martina, Jan Hendrik Trapp, Jeremy Anterola, Herbert Brüning, Regina Gnirss, Michel Gunkel, Jens Libbe, Stefan Liehr, Andreas Matzinger, Diana Nenz, Darla Nickel, Matthias Rehfeld-Klein, Brigitte Reichmann, Pascale Rouault, Engelbert Schramm (2017): Potenzial der Kopplung von grauen, blauen und grünen Infrastrukturen für klimagerechte Städte. In: Bundesministerium für Bildung und Forschung BMBF (Hg.): Vernetzungskonferenz Zukunftsstadt , 32

Hummel, Diana, Thomas Jahn, Florian Keil, Stefan Liehr, Immanuel Stieß (2017): Social Ecology as Critical, Transdisciplinary Science - Conceptualizing, Analyzing and Shaping Societal Relations to Nature. Sustainability 9 (7), 1050. <https://doi.org/10.3390/su9071050>

Liehr, Stefan, Oliver Schulz, Thomas Kluge, Georg Sunderer, Johann Wackerbauer (2016): Aktualisierung der integrierten Wasserbedarfsprognose für Hamburg bis zum Jahr 2045 - Teil 1: Grundlagen und Methodik. gwf-Wasser/Abwasser International 157 (2), 156–165

Liehr, Stefan, Marian Brenda, Peter Cornel, Jutta Deffner, Jörg Felmeden, Alexander Jokisch, Thomas Kluge, Katharina Müller, Julia Röhrig, Vanessa Stibitz, Wilhelm Urban (2016): From the Concept to the Tap - Integrated Water Resources Management in Northern Namibia. In: Borchardt, Dietrich, Janos J. Bogardi, Ralf B. Ibisch (Hg.): Integrated Water Resources Management: Concept Research and Implementation. Cham: Springer International Publishing, 683–717

Winker, Martina, Engelbert Schramm, Oliver Schulz, Martin Zimmermann, Stefan Liehr (2016): Integrated water research and how it can help address the challenges faced by Germany's water sector. Environ Earth Sci 75:1226, <https://doi.org/10.1007/s12665-016-6029-z>

Kluge, Thomas, Stefan Liehr, Jenny Bischofberger, Jutta Deffner, Jörg Felmeden, Johanna Kramm, Alexia Krug von Nidda, Oliver Schulz, Vanessa Stibitz, Laura Woltersdorf, Martin Zimmermann (2016): IWRM-Verbundprojekt CuveWaters: Integriertes Wasserressourcen-Management im zentralen Norden Namibias (Cuvelai Basin) und in der SADC-Region. Phase III: Transfer eines Multi-Ressourcen-Mix, TP 1: Schlussbericht: Projektlaufzeit: 01.10.2013-31.12.2015. Frankfurt am Main. <https://doi.org/10.2314/GBV:884350460>

Liehr, Stefan, Lukas Drees, Diana Hummel (2016): Migration as Societal Response to Climate Change and Land Degradation in Mali and Senegal. In: Yaro, Joseph A., Jan Hesselberg (Hg.): Adaptation to Climate Change and Variability in Rural West Africa. Heidelberg: Springer, 147–169

Woltersdorf, Laura, Ruth Scheidegger, Stefan Liehr, Petra Döll (2016): Municipal water reuse for urban agriculture in Namibia: Modeling nutrient and salt flows as impacted by sanitation user behavior. Journal of Environmental Management 169, 272–284

Liehr, Stefan (2016): Nachfrageorientierte Kooperation - Modellfall Indien. In: Kluge, Thomas, Engelbert Schramm (Hg.): Wasser 2050. Mehr Nachhaltigkeit durch Systemlösungen. München:

Bischofberger, Jenny, Christian Reutter, Stefan Liehr, Oliver Schulz (2016): The Integration of Stakeholder Knowledge - How Do Namibian Farmers Perceive Natural Resources and Their Benefits?. In: Universität für Bodenkultur Wien BOKU (Hg.): Solidarity in a competing world

Jokisch, Alexander, Oliver Schulz, Isaac Kariuki, Alexia Krug von Nidda, Jutta Deffner, Stefan Liehr, Wilhelm Urban (2015): Floodwater Harvesting in Central-Northern Namibia. Factsheet. Frankfurt am Main: Institut für sozial-ökologische Forschung (ISOE)

Liehr, Stefan, Anastasia Papangelou, Marian Brenda, Wilhelm Urban, Thomas Kluge (2015): Groundwater Desalination - Implementation Concept. CuveWaters Papers 12. Frankfurt am Main: Institut für sozial-ökologische Forschung (ISOE)

Liehr, Stefan, Anastasia Papangelou, Jutta Deffner, Alexia Krug von Nidda, Wilhelm Urban (2015): Groundwater Desalination in Central-Northern Namibia. Factsheet. Frankfurt am Main: Institut für sozial-ökologische Forschung (ISOE)

Lütkeemeier, Robert, Stefan Liehr (2015): Impact of drought on the inhabitants of the Cuvelai watershed: A qualitative exploration. In: Andreu, Joaquin, Abel Solera, Javier Paredes-Arquiola, David Haro-Monteagudo, Henny van Lanen (Hg.): Drought - Research and Science-Policy Interfacing Taylor & Francis Group, 41–48

Hummel, Diana, Stefan Liehr (2015): Migration in the West African Sahel - more than a response to climate change. ISOE Policy Brief 2. Frankfurt am Main: Institut für sozial-ökologische Forschung (ISOE)

Jokisch, Alexander, Oliver Schulz, Isaac Kariuki, Alexia Krug von Nidda, Jutta Deffner, Stefan Liehr, Wilhelm Urban (2015): Oku hakela omeva efundja moNooli-upokati yaNamibia. Efatululo moshiwambo ku: Epfania Lepaleni. Omauyelele. Frankfurt am Main: Institut für sozial-ökologische Forschung (ISOE)

Jokisch, Alexander, Oliver Schulz, Isaac Kariuki, Alexia Krug von Nidda, Jutta Deffner, Stefan Liehr, Wilhelm Urban (2015): Oku hakela omeva odula moNooli-upokati yaNamibia. Efatululo moshiwambo ku: Epfania Lepaleni. Omauyelele. Frankfurt am Main: Institut für sozial-ökologische Forschung (ISOE)

Schulz, Oliver, Alexander Jokisch, Jutta Deffner, Laura Woltersdorf, Stefan Liehr, Wilhelm Urban, Thomas Kluge (2015): Rain- and Floodwater Harvesting - Implementation Concept. CuveWaters Papers 13. Frankfurt am Main: Institut für sozial-ökologische Forschung (ISOE)

Woltersdorf, Laura, Stefan Liehr, Petra Döll (2015): Rainwater Harvesting for Small-Holder Horticulture in Namibia: Design of Garden Variants and Assessment of Climate Change Impacts and Adaptation. Water 7 (4), 1402–1421. <https://doi.org/10.3390/w7041402>

Jokisch, Alexander, Oliver Schulz, Isaac Kariuki, Alexia Krug von Nidda, Jutta Deffner, Stefan Liehr, Wilhelm Urban (2015): Rainwater Harvesting in Central-Northern Namibia. Factsheet. Frankfurt am

Main: Institut für sozial-ökologische Forschung (ISOE)

Woltersdorf, Laura, Stefan Liehr, Ruth Scheidegger, Petra Döll (2015): Small-scale water reuse for urban agriculture in Namibia: Modeling water flows and productivity. *Urban Water Journal* 5 (12), 414–429. <https://doi.org/10.1080/1>

Bischofberger, Jenny, Katharina Brüser, Stefan Liehr, Oliver Schulz (2015): Sustainable Management of Rangelands - Integrating Practitioner's Knowledge. In: Tielkes, Eric (Hg.): *Management of land use systems for enhanced food security: conflicts, controversies and resolutions* Guvillier, 236

Drees, Lukas, Stefan Liehr (2015): Using Bayesian belief networks to analyse social-ecological conditions for migration in the Sahel. *Global Environmental Change* 35 (November 2015), 323–339

Liehr, Stefan, Oliver Schulz, Thomas Kluge, Georg Sunderer, Johann Wackerbauer (2015): Wasserbedarfsprognose für Hamburg und Umland bis 2045. ISOE-Studientexte 24. Frankfurt am Main: ISOE - Institut für sozial-ökologische Forschung

Liehr, Stefan, Oliver Schulz, Thomas Kluge, Alexander Jokisch (2015): Water security and climate adaptation through storage and reuse. ISOE Policy Brief 1. Frankfurt/Main: Institut für sozial-ökologische Forschung (ISOE)

Kramm, Johanna, Stefan Liehr, Engelbert Schramm, Martina Winker, Helen Tilley, Nathaniel Mason, Simon Hearn (2014): Assessing the Processes and Performance of the International Water Stewardship Programme: Concept Paper. ISOE-Materialien Soziale Ökologie 44. Frankfurt am Main: ISOE - Institut für sozial-ökologische Forschung

Kluge, Thomas, Stefan Liehr, Oliver Schulz, Georg Sunderer, Johann Wackerbauer (2014): Wasserbedarfsprognose 2045 für das Versorgungsgebiet von HAMBURG WASSER. Gutachten. Abschlußbericht

Grossmann, Jörg, Stefan Liehr (2013): Die aktuelle Wasserbedarfsprognose für Hamburg. Tagungsband zum 25. Hamburger Kolloquium zur Abwasserwirtschaft am 10. und 11. Sep. 2013. *Hamburger Berichte zur Siedlungswasserwirtschaft*. GFEU, 165–176

Liehr, Stefan, Julia Röhrig (2012): Modelling and Instruments for Decision Support (DSS): E-Learning Modul on Integrated Water Resources Management. [www.iwrm-education.de](http://www.iwrm-education.de)

Polak, Matthias, Stefan Liehr (2012): Theoretical reflections about the analysis of water governance in coupled social-ecological systems. In: Anne, Ibrahima (Hg.): *Water Governance - Challenges in Africa: Hydro-optimism or hydro-pessimism?* CEAUP Studies on Africa 2. Bern u. a., 65–80

Liehr, Stefan, Katharina Selbmann (2011): Klimabedingte Biodiversitätsveränderungen in limnischen Systemen - eine Diskursfeldanalyse. Bik-F Knowledge Flow Paper 12. Frankfurt am Main

Liehr, Stefan (2010): Indicators to Estimate a Country's Adaptive Capabilities for VWT. In: Kluge, Thomas (Hg.): ISOE-Materialien Soziale Ökologie 24. Frankfurt am Main: ISOE - Institut für sozial-ökologische Forschung, 25-29

Kluge, Thomas, Stefan Liehr, Alexandra Lux, Petra Moser-Norgaard (2010): Integrated Water Resources Management in Central Northern Namibia. In: Mollinga, Peter P., Anjali Bhat, V. S. Saravanan (Hg.): ZEF Development Studies 13. Münster: LIT, 151-176

Liehr, Stefan (2008): Driving Forces and Future Development Paths of Central Northern Namibia. In: Burnes, Michael, Alex Weaver (Hg.): Exploring Sustainability Science: A Southern African Perspective. AFRICAN SUN MeDIA, 433-469

Kluge, Thomas, Jutta Deffner, Konrad Götz, Stefan Liehr, Bernhard Michel, Florian Michel, Wulf Rüthrich (2008): Integrierte Wasserbedarfsprognose - Teil 2: Grundlagen und Methodik. gwf-Wasser/Abwasser International 149 (10), 764-772

Kluge, Thomas, Stefan Liehr, Alexandra Lux, Petra Moser, Steffen Niemann, Nicole Umlauf, Wilhelm Urban (2008): IWRM Concept for the Cuvelai Basin in Northern Namibia. Journal of Physics and Chemistry of The Earth 33 (1-2), 48-55. <https://doi.org/10.1016/j.pce.2007.04.005>

Keil, Florian, Thomas Kluge, Alexandra Lux, Petra Moser, Stefan Liehr, Engelbert Schramm (2007): Integrierte Perspektiven in der Wasserforschung. ISOE-Diskussionspapiere 25. Frankfurt am Main: ISOE - Institut für sozial-ökologische Forschung

Kluge, Thomas, Stefan Liehr, Engelbert Schramm (2007): Strukturveränderungen und neue Verfahren in der Ressourcenregulation. ISOE-Diskussionspapiere 27. Frankfurt am Main: ISOE - Institut für sozial-ökologische Forschung

Liehr, Stefan (2006): Decision Support-Systeme in sozial-ökologischen Regulationsprozessen. Eine Betrachtung aus kybernetischer Perspektive. ISOE-Diskussionspapiere 26. Frankfurt am Main: ISOE - Institut für sozial-ökologische Forschung

Hummel, Diana, Thomas Kluge, Stefan Liehr (2006): Globale Handelsströme virtuellen Wassers. Ein Konzept für den nachhaltigen Umgang mit Wasser weltweit. Entwicklungspolitik 22, VII-VIII

Liehr, Stefan, Egon Becker, Florian Keil (2006): Systemdynamiken. In: Becker, Egon, Thomas Jahn (Hg.): Soziale Ökologie. Grundzüge einer Wissenschaft von den gesellschaftlichen Naturverhältnissen. Frankfurt am Main, New York: Campus Verlag, 267-283

Hummel, Diana, Thomas Kluge, Stefan Liehr, Miriam Hachelaf (2006): Virtual Water Trade. Documentation of an International Expert Workshop. ISOE-Materialien Soziale Ökologie 24. Frankfurt am Main: ISOE - Institut für sozial-ökologische Forschung

Liehr, Stefan (2005): Modellierung in der Demographie. In: Hummel, Diana, Christine Hertler, Alexandra Lux, Cedric Janowicz (Hg.): demons working paper 5. Frankfurt am Main, 47-63