

## Transformative Knowledge Workshop 2014

17-19 November, Potsdam

### Speakers



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#### Aditya Bahadur

Aditya Bahadur FRGS is a Senior Research Officer in the Adaptation and Resilience team of the Overseas Development Institute, London and has over eight years of experience working on resilience, transformation, development, climate change and disaster risk reduction. He has designed and executed projects for bilateral, multilateral and international organisations and has published widely on resilience and transformation. He completed his undergraduate studies at St. Stephen's College, Delhi University, and has a PhD in Development Studies (focus on climate change resilience) from the Institute of Development Studies, University of Sussex, UK. Aditya has also undertaken periods of study in Hungary, Denmark and Thailand. Aditya was granted a Fellowship of the Royal Geographical Society (FRGS) in June 2014.



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#### Nnimmo Bassey

Nnimmo Bassey is director of an ecological think-tank, Health of Mother Earth Foundation (HOMEF) and Coordinator of Oilwatch International. He chairs the Board of Environmental Rights Action/Friends of the Earth, Nigeria, an organization he co-founded and led as executive director from 1993-2013. From 2008-2012 Bassey chaired of Friends of the Earth International, the world's largest grassroots environmental advocacy network with members in 74 countries. Bassey is a licensed architect and practices from Benin City, Nigeria. Bassey has authored books on the environment, architecture and poetry. His poetry collections include *We Thought It Was Oil But It Was Blood* (2002) and *I will Not Dance to Your Beat* (Kraft Books, 2011). Pambazuka Press published his book, *To Cook a Continent – Destructive Extraction and Climate Crisis in Africa* in 2012. He was named Time Magazine's Hero of the Environment in 2009 and was a co-recipient of the 2010 Right Livelihood Award also known as the "Alternative Nobel Prize." In 2012 he received the Rafto Human Rights Award.



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#### Frans Berkhout

Frans Berkhout is Professor of Environment, Society and Climate in the Department of Geography at King's College London, and Interim Director of the Future Earth programme, based at the International Council for Science (ICSU) in Paris. Between 2004 and 2012, Prof Berkhout was director of the Institute for Environmental Studies (IVM) at the VU University Amsterdam in The Netherlands, and from 2010 to 2013 director of the Amsterdam Global Change Institute. Professor Berkhout is a lead author in the IPCC's Fifth Assessment Report (2014) and a member of the Research Evaluation Framework (REF) of the Higher Education Funding Council for England (HEFCE). He sits on the editorial boards of *Research Policy*, *Global Environmental Change*, *Journal of Industrial Ecology*, *Current Opinion on Environmental Sustainability* and *The Anthropocene Review*. His early research was concerned with the economic, political and security aspects of the nuclear fuel cycle and radioactive waste management. His more recent work has been concerned with science, technology, policy and sustainability, with a focus on climate change.

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### **David Buckland**

David Buckland is a designer, artist and film-maker whose lens-based works have been exhibited in numerous galleries in London, Paris and New York and collected by the National Portrait Gallery, London, the Centre Georges Pompidou, Paris, the Metropolitan Museum, New York and the Getty Collection, Los Angeles, amongst others. Since 2001 David Buckland has created and now directs the Cape Farewell project, bringing artists, scientists and educators together to collectively address and raise awareness about climate change. The artists have already been the subject of a film and a BBC documentary. The art resulting from these fruitful journeys has toured around the world.



### **Ilan Chabay**

Ilan Chabay is a senior fellow at the Institute for Advanced Sustainability Studies (IASS). He works with a multi-disciplinary team on the SMART project (Sustainable Modes of Arctic Resource-driven Transformations) examining Arctic ecological, social, legal, and economic transformations enabled by climate change and accelerated by resource extraction and utilization. He is also a member of an international collaborative at the University of Wisconsin-Madison on Knowledge Systems for Sustainability (KSS), which addresses the challenges of developing effective knowledge systems for sustainable land use practice and governance needed to provision humanity at the nexus of food, water, soil and energy.



### **Sarah Cook**

Sarah Cook took up the position of Director of the UN Research Institute for Social Development (UNRISD) in November 2009. She was previously a Research Fellow at the Institute of Development Studies (IDS) at the University of Sussex, and has also worked for the Ford Foundation in China. Her research has focused in particular on China's social and economic transformations, including work on labour markets and employment, gender, poverty and inequality and social welfare reforms. Current interests include new directions in social policy being taken by emerging and developing countries in the context of financial, social and environmental crisis.



### **John Crowley**

John Crowley is Chief of Section for Research, Policy and Foresight in the UNESCO Division of Social Transformations and Intercultural Dialogue. Since joining the UNESCO Sector for Social and Human Science in 2003 he has also been a programme specialist in social science (2003-05) and head of the communication, information and publications unit (2005-07), chief of section for ethics of science and technology (2008-11) and team leader for global environmental change (2011-14). Before joining UNESCO, he worked as an economist in the oil industry (1988-95) and as a research fellow at the French National Political Science Foundation (1995-2002). Since 2002, he has been editor of the UNESCO-published International Social Science Journal. He is the author of *Sans épines, la rose. Tony Blair : un modèle pour l'Europe ?* (Paris: La Découverte, 1999) and editor of *Tony Blair, le nouveau travaillisme et la troisième voie* (Paris: La Documentation française, 1999), *Pacifications, réconciliations* (special issue of the journal *Cultures & Conflits*, Paris: L'Harmattan, 2001), and *Rethinking Human Security* (Paris/Oxford: UNESCO / Wiley-Blackwell, 2008, with Moufida Goucha).



### **Christoph Dieckmann**

Christoph Dieckmann grew up in the German Democratic Republic (GDR), where he studied theology and subsequently worked in the theological studies department of the Federation of the Evangelical Churches, as the media officer at the Ecumenical Missionary Center/Berlin Missionary Community and as a freelance writer. He wrote first for church newspapers in the GDR, then for the cultural-political weekly newspaper in the GDR *Sonntag* (from 1990 *Friday*). With a grant from the US World Press Institute in 1990, he spent six months in the United States.

Since 1991 Dieckmann has worked for the Hamburg weekly *DIE ZEIT*, as editor until 2005, thereafter as writer. For a long time he was the only East-German editor in the Berlin office.

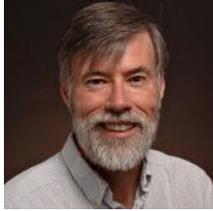
Dieckmann mainly writes essays and stories about life in the late GDR, the new Länder, rock music, but also about sport (especially football). He has published numerous books.

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### **Adam Habib**

Professor Adam Habib is the Vice-Chancellor and Principal of the University of Witwatersrand. He is an academic, activist, administrator, political media commentator and columnist. As a Professor of Political Science, Habib has more than 30 years of academic, research, institutional and administration expertise. His experience spans five universities and multiple local and international institutions, boards and task teams. His professional involvement in institutions has always been defined by three distinct engagements: the contest of ideas; their translation into actionable initiatives; and the building of institutions.



### **Ed Hackett**

Ed Hackett is Senior Sustainability Scientist at the Julie Ann Wrigley Global Institute of Sustainability and a Professor in the School of Human Evolution and Social Change, Arizona State University. His research focuses on how the social organization and conduct of science influence the knowledge that is produced. He has written about collaboration, leadership, peer review, environmental justice, and other topics. At the National Science Foundation he has directed the Division of Social and Economic Sciences (2006-08) and the Science and Technology Studies Program (1996-98). Dr. Hackett teaches courses on inequality and sustainability (from a global perspective), technology and society, social dimensions of science and research design and methodology.



### **Heide Hackmann**

Heide read for an MPhil in contemporary social theory at the University of Cambridge in the UK, and has a PhD in Science and technology studies from the University of Twente in the Netherlands. She has worked as a policymaker, researcher and consultant in the field of international science policy and management since the early 1990s. As ISSC's Executive Director (since 2005) she represents the council on numerous international committees and policy fora, and holds membership of several international scientific advisory committees.



### **Bronwyn Hayward**

Bronwyn Hayward is a New Zealander, trained in political science and geography. Senior Lecturer in the School of Social and Political Sciences, and Director of the Arts Scholars programme, University of Canterbury, Bronwyn is also a Visiting Fellow with UK ESRC funded RESOLVE Centre for environmental values, attitudes and lifestyle change and the Scottish Government/DEFRA funded Sustainable Lives Research Group (University of Surrey). She is co-investigator on Voices of the Future project, University of Oslo and has been a visiting fellow for Tyndall Centre for Climate Change and lead author for UNEP's Visions for Change 2011. She is a current trustee of the London Foundation for Democracy and Sustainability and NZ Telecom Foundation. Bronwyn has served as a Ministerial appointment on the NZ Broadcasting Commission. Her research focus is children and youth in economic, social & environmental change.



### **Sebastian Helgenberger**

Sebastian Helgenberger heads the Transdisciplinary Panel on Energy Change (TPEC) at IASS. Sebastian graduated in Environmental Studies at Leuphana University Lüneburg and conducted his Master's thesis at ETH Zurich on the societal impact of transdisciplinary research. He also holds a PhD in socio-economics. Between 2010 and 2014 Sebastian held the position of scientific research coordinator for European Research Policy at BOKU Centre for Global Change and Sustainability in Vienna, where he also chaired the international JPI CLIMATE Working Group of research funders and experts on 'societal transformation in the face of climate change'.

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**Rainier Ibana**

Rainier Ibana teaches Ethics, Environmental Ethics, Social Philosophy and Philosophy of Education at Ateneo de Manila University. He chairs COMEST's Environmental Ethics Committee and served as Coordinator for the Asia-Pacific Section of UNESCO's South-south Philosophical Dialogue. He is also President of the Asia-Pacific Philosophy Education Network for Democracy and Vice President of the Philosophy with Children and Youth Network for Asia-Pacific.



**Kathy Jacobs**

Katharine Jacobs is a faculty member at the University of Arizona (UA) in the Department of Soil, Water and Environmental Science and is the Director of the Center for Climate Adaptation Science and Solutions (CCASS) located on the UA campus in Tucson. CCASS supports climate change adaptation and assessment activities at regional, national and international scales, supported by University experts in a wide range of climate related fields. From 2010 – 2013, Jacobs served as an Assistant Director in the Office of Science and Technology Policy (OSTP) in the Executive Office of the President. Jacobs was the director of the National Climate Assessment, leading a team of 300 authors and more than a thousand contributors who wrote the Third NCA report. She also was the lead advisor on water science and policy, and climate adaptation within OSTP. Prior to her work in the White House, from 2006-2009 Jacobs was the Executive Director of the Arizona Water Institute, a consortium of the three state universities focused on water-related research, education and technology transfer in support of water supply sustainability.



**Andrew Kaniki**

Dr Andrew Kaniki is the Executive for Knowledge Fields Development (KFD) at the National Research Foundation (NRF), South Africa. The KFD Directorate is responsible for research funding programmes and has strategic oversight and development of the Centre of Excellence Programme.

Prior to taking up the post of Executive Director KFD, Andrew was Executive Director for Knowledge Management and Strategy, NRF November 2002 - June 2008. He is Past President of SARIMA 2003-2005. He is also a member of the *SA Journal of Information Management* Editorial Board and a member of the *SA Journal of Library and Information Science* Editorial Board.



**Martin Klingst**

Martin Klingst is a senior political correspondent with DIE ZEIT in Berlin, Germany. He served as his paper's bureau chief in Washington DC (2007-2014) and as DIE ZEIT's senior political editor in Hamburg (1997-2007).

Mr. Klingst studied law in Freiburg, Geneva and Hamburg and worked for the Institute of International Affairs at the University of Hamburg. In 2006 he was a fellow at the Center for European Studies at Harvard University, where he lectured on the German reform process, terrorism and civil rights and Europe's engagement in the Middle East. Before assuming his position with DIE ZEIT in 1996, Mr. Klingst worked as a journalist for the North German Public Broadcasting Corporation NDR and the weekly paper *Deutsches Allgemeines Sonntagsblatt*. He wrote on domestic topics as well as on international affairs. He covered the Balkan wars and many conflicts including Israel, Palestine, India and China.



**Melissa Leach**

Melissa Leach is the Director of the Institute of Development Studies (IDS) based at the University of Sussex. Between 2006 and 2014 Melissa directed the ESRC STEPS (Social, Technological and Environmental Pathways to Sustainability) Centre.

Over the last thirty years she has been closely involved both in ethnographic fieldwork and in extensive interdisciplinary research. Melissa's recent work has explored the politics of science and knowledge in policy processes linked to environment and health; addressing vaccine controversies, scientific uncertainties, citizenship and public engagement; cultural and political dimensions of vaccine delivery; medical research trials, emerging infectious diseases, and ecology-health linkages.

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### **Enrique Leff**

Enrique Leff, Senior Researcher/Professor in political ecology and environmental sociology, National Autonomous University of Mexico (UNAM). Dr Enrique Leff is considered a pioneering environmentalist and one of the main authors of the theory and practice of environmentalism; PhD in Development Economics, Paris-Sorbonne (1975) and former Coordinator of the UNEP'S Environmental Training Network for Latin America and the Caribbean (1986-2008). He lectured at UNAM (Universidad Nacional Autónoma de México) full-time from 1973-1986 before becoming coordinator of the Environmental Training Network for Latin America and the Caribbean (1986-2008) and coordinator of the Mexico City office of the Regional Office of Latin America and the Caribbean of the United Nations Environment Programme (2007-2008), after which he returned as senior researcher/professor in political ecology and environmental sociology, to the Institute of Social Research, National Autonomous University of Mexico (UNAM). Dr Leff has worked since 1975 in the fields of environmental philosophy and epistemology; political ecology, ecological economics and environmental sociology. He is the author of over 150 books and articles published in Mexico, Spain, Argentina, Brazil, Colombia, Chile, USA, England, Italy, Germany, Holland, and other countries in Latin America. *Ecología y Capital* (Ecology and Capital), *Saber Ambiental* (Environmental Knowledge) and *Racionalidad Ambiental* (Environmental Rationality) are among his more influential books. Forthcoming is his most recent book, *La Apuesta por la Vida: Imaginarios Sociales e Imaginación Sociológica en los Territorios Ambientales del Sur*.



### **Li Hanlin**

Li Hanlin is currently the General Director at the National Institute of Social Development, the Chinese Academy of Social Sciences (CASS). He obtained his PhD in Sociology from Bielefeld University in Germany in 1984 and became a Professor in Sociology in 1988 at the Institute of Sociology, CASS, where he served as Deputy Director General (2003-2006). He was actively involved in the organization of the First and Second Asia Pacific Regional Conference of Sociology (1993, 1996) as a Member of its Steering Committee, and also in the organization of the Asia Pacific Sociological Association where he eventually served as a Member of its Executive Committee (1997-2002). He is the author and co-author of several books and numerous articles dealing with changes in the Chinese work unit society, the Danwei phenomena, the basic structure of the Chinese society, attitudes to modernization and reform policy, theory of knowledge transfer, Chinese urban development, the sociology of science, Chinese harmony society, etc.



### **Alberto Martinelli**

Alberto Martinelli has a PhD in Sociology from the University of California in Berkeley. He is currently Professor Emeritus of Political Science and Sociology at the University of Milan. He served as Dean of the Faculty of Social and Political Sciences from 1987 to 1999 and chaired the University Committee for International Scientific Cooperation. In 1998-2002, he was elected President of the International Sociological Association. He is President of the Evaluation Committee of the University of Padua; a member of the Scientific Committees of the Milan Expo 2015; *EconomEtica* (the Italian University network on Business Ethics and Corporate Social Responsibility); the Lombardy Regional Observatories on Migration and on Social Exclusion; and Real Academia des Ciencias Morales y Politicas de Espana. He serves on the editorial board of several scientific journals and writes for *Il corriere della sera* and other newspapers and magazines. His recent publications include: *Transatlantic Divide. Comparing American and European Society* (Oxford University Press, 2008); *Global Modernization. Rethinking the Project of Modernity* (Sage, 2005); *La democrazia globale* (Universita Bocconi Editore, 2004/2009); and *La sociedad italiana* (CIS, 2005).

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**Susanne Moser**

Susanne Moser, Ph.D., is Director and Principal Researcher of Susanne Moser Research & Consulting in Santa Cruz, California. She is also a Social Science Research Fellow at the Woods Institute for the Environment at Stanford University and a Research Associate at the University of California-Santa Cruz, Institute for Marine Sciences. Previously, she served as a Research Scientist at the National Center for Atmospheric Research in Boulder, Colorado; was a staff scientist for climate change at the Union of Concerned Scientists; and a research fellow at Harvard's Kennedy School of Government and at the Heinz Center in Washington, DC.

Susi's work focuses on adaptation to climate change, vulnerability, resilience, climate change communication, social change, decision support and the interaction between scientists, policy-makers and the public. She is a geographer by training (Ph.D. 1997, Clark University) with an interest in how social science can inform society's responses to this global challenge. She has worked in coastal areas, urban and rural communities, with forest-reliant communities, and on human health issues.



**Karen O'Brien**

Karen O'Brien is a Professor in the Department of Sociology and Human Geography at the University of Oslo, Norway. Her research focuses on climate change impacts, vulnerability and adaptation and the implications for human security. She has also researched the interactions between environmental change and globalization processes. She is currently interested in how transdisciplinary and integral approaches to global change research can contribute to a better understanding of how societies both create and respond to change, and in particular how beliefs, values and worldviews influence human responses to climate change.



**Shahra Razavi**

Shahra Razavi was Research Co-ordinator at UNRISD from 1993 to 2013. She left UNRISD to join UN Women as Chief, Research and Data, at the end of June 2013. Shahra specializes in the gender dimensions of social development, with a particular focus on livelihoods and social policies. She began her collaboration with UNRISD in February 1993, when she joined the Institute to work on a new research initiative to explore the gender dimensions of economic policy. She led the Institute's subsequent research projects on gender, including Gender, Poverty and Well-Being; Agrarian Change, Gender and Land Rights; Globalization, Export-Oriented Employment for Women and Social Policy; and work on Gender Justice, Development and Rights which was carried out as part of the Institute's contribution to the Beijing Plus 5 Review Process (2000). She coordinated the preparation of the UNRISD flagship report, Gender Equality: Striving for Justice in an Unequal World (2005). Her most recent research projects have been on The Political and Social Economy of Care, and Religion, Politics and Gender Equality. Prior to joining UNRISD, Shahra was working on her D.Phil. Thesis at St. Antony's College (Oxford University). Her thesis explored the gender dimensions of agricultural commercialization in south-eastern Iran, where she carried out field research in 1988. She obtained her D.Phil. in December 1992.



**Roberto Sánchez-Rodríguez**

Roberto Sánchez-Rodríguez is currently a Professor in the Department of Urban and Environmental Studies at El Colegio de la Frontera Norte, a research institution in Mexico. He is an emeritus professor of the Department of Environmental Sciences of the University of California, Riverside, where he was also director of the University of California Institute on Mexico (UCMEXUS). His research addresses the linkages between environment and development, sustainable urbanization, transboundary environmental problems, the interactions between global environmental change and urbanization, vulnerability and adaptation of urban areas to climate variability and climate change. Prof. Sánchez-Rodríguez is Co-Chair of the IHDP core project on Urbanization and Global Environmental Change (UGEC).

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### **Falk Schmidt**

Falk Schmidt is the Academic Officer in the Executive Office at the IASS Potsdam since 2011 and he was a research fellow in 2010/2011 for the IASS Transgovernance Project. From 2005 to 2010, he was Academic Officer of the International Human Dimensions Programme (IHDP) and its Officer-in-Charge in 2009. He has also intensely collaborated with the German Ministry for the Environment and the UN-Water office in Bonn on issues related to global water governance. He holds a Doctorate Degree in Political Science from Freie Universität Berlin and an M.A. in Philosophy, Business, and Law. He has worked at the interface of Science and Society/Politics for more than a decade.



### **Joseph Tainter**

Prof. Joseph Tainter, an anthropologist and historian, currently works as a Professor of Sustainability in the Department of Environment and Society College of Natural Resources at Utah State University. He also serves as a faculty Associate of the Ecology Center at Utah State University.

He has published several works including: "Drilling Down: The Gulf Oil Debacle and Our Energy Dilemma", "Supply-Side Sustainability", and "Evolving Complexity and Environmental Risk in the Prehistoric Southwest". Additionally, he has published numerous articles, monographs, and appeared on film and television.



### **Klaus Töpfer**

Professor Klaus Töpfer is the founding Director and current Executive Director of the Institute for Advanced Sustainability Studies (IASS) based in Potsdam. A member of the CDU party in Germany, he is the former Minister for Environment and Health, Rheinland-Pfalz (1985-1987). He was Federal Minister for the Environment, Nature Conservation and Nuclear Safety from 1987 to 1994 and Federal Minister for Regional Planning, Housing and Urban Development from 1994-1998. He was also a member of the German Bundestag during the period 1990 to 1998. He is also the former Executive Director of the United Nations Environment Programme (UNEP) based in Nairobi and Under-Secretary-General of the United Nations (1998-2006).



### **Carolina Vera**

Carolina Vera is the Director of the Centre for Atmosphere and Ocean Research (CIMA-UMI/IFAEC), jointly sponsored by the University of Buenos Aires, Argentina National Council of Sciences (CONICET) and CNRS (France). Dr Vera has long research experience on understanding and predicting climate variability and change in South America. She also participates in integrated projects focused on developing climate information for decision making at different socio-economic sectors (e.g. water resources, agriculture). She has authored several peer-reviewed scientific journal articles and book chapters. She is currently a member of Future Earth Science Committee and the Scientific Advisory Committee of the Inter-American Institute for Global Change (IAI). She has also served in other committees like the World Climate Research Program (WCRP) Joint Scientific Committee. She was Lead Author of the IPCC Special Report on "Managing the Risks of Extreme Events and Disasters to Advance Climate Change Adaptation" (SREX).



### **Mary Watkins**

Professor Mary Watkins is a core faculty member in the M.A./Ph.D. Depth Psychology Program at Pacifica Graduate Institute, Coordinator of its community and ecological field work and research, and Co-Chair of its specialization in community psychology, liberation psychology, and ecopsychology. She works at the interfaces between Euro-American depth psychologies and psychologies of liberation from Latin America, Africa and Asia. She has worked as a clinical psychologist with adults, children, and families, and has also worked with small and large groups around issues of immigration, peace, alternatives to violence, envisioning the future, diversity, vocation, and social justice.

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**Frances Westley**

Frances Westley is JW McConnell Chair in Social Innovation at University of Waterloo, where she heads up Social Innovation Generation (SiG), a national initiative designed to build capacity for social innovation in Canada. Before joining University of Waterloo in 2007 she was Director of the Gaylord Nelson Institute for Environmental Studies at University of Wisconsin, Madison. She serves on numerous editorial and organizational boards including: Ecology and Society, Journal of Applied Behavioral Science, Stockholm Resilience Center, CBSG/IUCN, Evergreen, National Advisory Board NSFLTER.