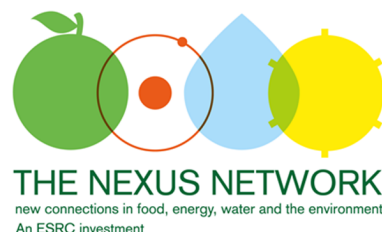


Scales, levels and spaces of the nexus

The Nexus Network annual conference 2015

09:30-17:30, Thursday 19th November 2015
 Mary Sumner House, 24 Tufton Street, Westminster,
 London, SW1P 3RB



09:30 Registration and coffee

10:00 Plenary 1. Introduction to the Nexus Network Conference

Chair: Prof. James Wilsdon, Director, The Nexus Network, University of Sussex
 Panel: Prof. Alice Bows-Larkin EPSRC Stepping Up Centre, Primary Investigator
 Andy Gibbs, ESRC, Head of Economic Performance and Environment
 Prof. Ian Bateman, Nexus Network Co-Investigator, University of Exeter
 Prof. Lyla Mehta, Nexus Network Co-Investigator, Institute of Development Studies

10:50 **Keynote: Tim Jackson** Flourishing within Limits – towards a social science for sustainable prosperity – ESRC Centre for Understanding Sustainable Prosperity

11:30 Refreshment break

12:00 Nexus Network knowledge sessions

A1	A2	A3	A4	A5
Nexus interactions at the household level	Nexus shocks: informing decision making in response to shocks	Levels of decision-making and their mismatches	International development and innovation	Nexus struggles: agricultural scales, policy spaces and nexus interactions
Victoria Room	Mary Sumner Room	Princess Mary Room	Alexandra Room	Beatrice Room

13:00 Lunch

14:00 Nexus Network workshop sessions

B1	B2	B3	B4	B5
Focal scales, knowing spaces and methods of the nexus	The funding landscape for nexus research	Policy engagement on the nexus	Nexus politics at different focal scales (technologies, discourses, policies)	Building a career in interdisciplinarity
Victoria Room	Mary Sumner Room	Princess Mary Room	Alexandra Room	Beatrice Room

15:00 Plenary 2. Nexus2020 – selecting the most important questions for business

From March to July 2015, businesses, policy makers, academics and civil society were asked to submit questions that they thought were most pressing, to be answered by research, to improve business management of the nexus – Dr. Bhaskar Vira introduces *Nexus2020*.

15:45 Refreshment break

16:15 Plenary 3. Systems approaches to managing the nexus: can we really do it?

Keynote: Prof. Tim Benton, UK Champion for Global Food Security

17:00 Closing remarks

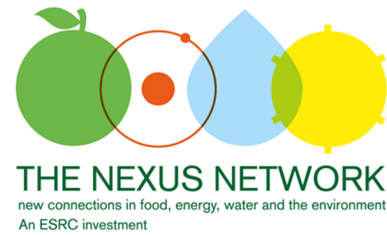
17:15–18.30 Drinks reception and close



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Welcome to the 2015 Nexus Network Conference. The conference provides an opportunity for researchers, policymakers, businesses and others interested in the sustainability of food, energy, water and the environment, to meet and identify and strengthen connections between different projects and initiatives in this area.

We have framed this year's conference around the themes of scales, levels and spaces – the nexus is often framed as a global security problem, but this can obscure alternative understandings of interactions and trade-offs at local, regional and national levels. Questions of scale are crucial in addressing linked nexus challenges of food, energy, water and the environment. We hope this broad and inclusive theme offers an entry point for discussion and engagement on the day and throughout the year.

Taking place just a week before the *2015 Spending Review*, the conference offers an opportunity to hear more about specific funding opportunities, including the next round of *Nexus Network grants*, and to explore how the wider funding landscape may change over the next year. The full *Nexus Network Research Partnership Grants* call for proposals will be released on www.thenexusnetwork.org on the morning of the conference.

Finally, we include in the delegate pack information about two *Nexus Network* thematic workshops taking place in 2016. On February 29th the Institute of Development Studies will host our workshop on *Resource conflicts and social justice* and on May 12th and 13th the University of Sussex will be the location for a two day event on *Nexuses of the urban: Interactions between water, energy and food provision for sustainable cities*.

The format of the conference

We are delighted to welcome all our speakers, panellists and facilitators. The first keynote of the day will see Tim Jackson outline the dimensions of a new social science agenda for sustainable prosperity. He will describe in particular the forthcoming work programme for the newly awarded *ESRC Centre for the Understanding of Sustainable Prosperity* and discuss the challenges it raises. In the afternoon, Dr. Bhaskar Vira will introduce *Nexus2020* and the bringing together of business and research communities to determine the most important nexus questions for business. Tim Benton will then critically discuss systems approaches to managing the nexus.

Keynote and plenary sessions have been bisected by two sets of breakout sessions. The *Nexus Network knowledge sessions* are structured as interactive thematic discussions in which opening speakers will speak for five to ten minutes each on Nexus related projects, as a stimulus for broader discussion.

The *Nexus Network workshop sessions* are structured in a similar format. Each session will offer a facilitated space in which to discuss current issues and opportunities and to consider how to best set out continued engagement with and within the network. You're free to pick and choose which sessions to attend, but would ask for understanding in the event of any one session room reaching capacity.

We think the programme is representative of the diversity of attendees and we hope it offers scope for a wide range of engagements with and within the Nexus Network.

– James, Ruth, Cian, Deborah and the Nexus Network team

Scales, levels and spaces of the nexus

The Nexus Network annual conference 2015

Nexus Network knowledge sessions | 12:00 – 13:00



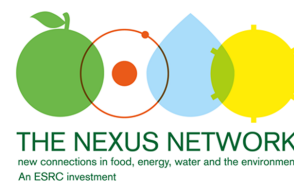
The knowledge sessions are spaces in which session speakers will be contributing findings and reflections on research and issues either funded by, or closely related to the Nexus Network.

<p>A1</p>	<p>Nexus interactions at the household level Victoria Room</p>	<p>Matt Watson Peter Jackson University of Sheffield Alison Browne University of Manchester Chair Saurabh Arora</p>	<p>This session explores the interdependencies of the nexus at the household level as water, energy and food are brought together in the provision of domestic services. The speakers focus particularly on the household practices which demand those services, and which are both shaped by, and sustain, the systems that provide these resources. They will argue that an understanding of the dynamics of household practices and their relations to provision of water, energy and food is essential to an holistic understanding of the nexus. The session will start with brief comments to this agenda from members of The Domestic Nexus team, drawing on insights and discussions from a current series of workshops on this theme.</p>
<p>A2</p>	<p>Nexus shocks: informing decision making in response to shocks to the energy-food-water nexus Mary Sumner Room</p>	<p>Candice Howarth Anglia Ruskin University Geoff Darch Atkins Chair Ian Bateman</p>	<p>Nexus Shocks are low probability, high impact events that span energy, water and food systems, they impact multiple stakeholders, scales and disciplines making them complex to understand and uncertain to address. The Nexus Shocks Network brings together interdisciplinary and cross-sectorial expertise to engage in constructive dialogue, identify opportunities to address challenges, and better inform decision making in response to nexus shocks. This session will outline findings from five workshops held during September and October 2015 to explore strategies for effective decision making on Nexus Shocks with interested stakeholders across different sectors including insurance and finance, large infrastructures, local business and government.</p>
<p>A3</p>	<p>Levels of decision making and their mismatches Princess Mary Room</p>	<p>David Demeritt King's College London Frieda Metternich Green Alliance Chair Ruth Welters</p>	<p>How do policy decisions on nexus issues currently work, and how can the capacity for policy deliberation, at different levels, on complex environmental and social interdependencies of the nexus be improved?</p>
<p>A4</p>	<p>International development, innovations and scale Alexandra Room</p>	<p>Euan Phimister University of Aberdeen Peter Cruddas Cranfield University Chair Gemma Cranston</p>	<p>This session asks what are the synergies between the Nexus agenda in developed and developing contexts and more broadly how can developed and developing countries work together through the nexus to achieve the SDGs? What are the lessons we can we draw up to ensure Nexus issues are on the agenda in international development, and where are the opportunities for us to get involved – in terms of research, assistance, and private enterprise and crucially, under what circumstances is this aspiration appropriate and feasible?</p>
<p>A5</p>	<p>Nexus struggles: agricultural scales, policy spaces and nexus interactions Beatrice Room</p>	<p>Steffen Böhm Zareen Bharucha University of Essex Tom Wakeford Coventry University Antonio Ioris University of Edinburgh Chair Cian O'Donovan</p>	<p>Nexus discourses and practices seem to be often dominated by hegemonic concerns for security, resources and technologies. In this session the speakers point to the limits, insufficiencies and shortcomings of this approach to understanding the nexus. Instead, they problematize the nexus as historical struggle between different corporate, state and social movement actors. They will illustrate this conception by engaging with the struggles in the global and UK food system, and showing how these struggles are ultimately concerned with questions of autonomy, sovereignty and justice.</p>

Scales, levels and spaces of the nexus

The Nexus Network annual conference 2015

Nexus Network workshop sessions | 14:00 – 15:00



The workshop sessions are designed to encourage a high level of interaction and collaboration between participants. We encourage attendees to contribute their own knowledge, experiences, questions and suggestions.

<p>B1</p>	<p>Focal scales, knowing spaces and methods of the nexus Victoria Room</p>	<p>Facilitator Saurabh Arora</p>	<p>This session offers researchers the chance to explore and debate how the choice of focal scale at which nexus interactions are examined affects choices of methodology, and examines the implications of these choices. It addresses the themes of the conference by asking what are the different ways in which space, where nexus interactions take place, can be conceptualised and what are the implications of these conceptualisations for the choice of methods and the production of nexus knowledge? This session continues discussions started at the <i>Nexus Network Workshop on Transdisciplinary Methods and the Nexus</i>, however prior participation is not assumed or required.</p>
<p>B2</p>	<p>The funding landscape for nexus research Mary Sumner Room</p>	<p>Facilitators Hannah Collins James Wilsdon</p>	<p>This is an uncertain period for research funding, with a spending review imminent, and expectation mounting of wider reforms to the organisation of the funding system. While this makes it hard to predict with certainty what resources will become available for nexus-related research and collaborations, it seems likely that cross-disciplinary, challenge-focused research - of which nexus debates are one example - will increase in importance and emphasis. This session will scan the funding horizon, and explore some of the shifts that we are likely to see over the next five years. It will discuss options for funding from the Research Councils, and from sources such as Wellcome Trust and Horizon 2020</p>
<p>B3</p>	<p>Policy engagement on the nexus Princess Mary Room</p>	<p>Facilitator Anna Krzywoszynska</p>	<p>The aim of this session is to jointly examine the challenges to effective academia-policy engagement extending the discussion beyond 'impact', to knowledge exchange and knowledge co-creation. The session will use temporal aspects of the 'nexus' as an entry point to discussion. For example, in the policy world, events (e.g. flooding) create momentum and demand action. At the same time, these events may often be connected to longer-term issues in natural resource management, which may command less urgent attention. In academia, events are used as opportunities to add value to disciplines, e.g. creating links to funding. At the same time, the role of disciplines is to engage with domains in a continuous manner. This session asks could the responsibilities for attending to the long-term while remaining agile in responding to immediate events be improved by focusing attention on 'nexus' areas?</p>
<p>B4</p>	<p>Nexus politics at different focal scales (technologies, discourses, policies...) Alexandra Room</p>	<p>Facilitator Lyla Mehta</p>	<p>This session will address issues such as does a global focus on nexus security risk obscuring local political inequalities or complexities? What then are the politics of considering nexus questions at different scales? This session will in part contribute to the agenda for a special <i>Nexus Network Workshop</i> on resource conflict to take place February 29th 2016. See the Nexus Network website for more information - thenexusnetwork.org.</p>
<p>B5</p>	<p>Building a research career in interdisciplinarity Beatrice Room</p>	<p>Facilitator Cian O'Donovan</p>	<p>The challenges of inter- and trans-disciplinary work are not novel. The aim of this participatory session is to explore some of the particular challenges facing early career researchers and policy experts working specifically on nexus-related topics. We will discuss how these might these be overcome through training, support or other mechanisms. This session is ideally suited to early career researchers and policy advisors.</p>

Biographies

Dr. Saurabh Arora (B1) is a senior lecturer in technology and innovation for development at SPRU – Science Policy Research Unit at University of Sussex. In new research, Saurabh and colleagues are developing practice-based approaches to the governance of nexus challenges. He is currently organising the *Nexus Network* workshop on urbanization, scheduled for May 2016.

Prof. Ian Bateman (Plenary 1) is Director of the Centre for Social and Economic Research on the Global Environment, at the University of Exeter. Ian's research seeks to value the true cost of pollution and the true worth of environmental improvements. Ian led the *Nexus Network* workshop on values and valuation.

Prof. Tim Benton (Keynote 2) is the “Champion” for the UK’s Global Food Security (GFS) programme, leading, facilitating and coordinating its activities. GFS is a partnership of the UK’s main public funders of research in food security, including the research councils and government departments (including environment, farming and rural affairs, international development, health and business, innovation and skills). The role of GFS is to ensure that strategically important research in this area is undertaken, and to add value to research via interdisciplinary collaboration, alignment and engagement of different communities of stakeholders. He is also a leading researcher, based at the University of Leeds, on agri-environment interactions and finding ways to make agricultural production more sustainable.

Dr. Zareen Bharucha (A5) is a Senior Research Officer at the Department of Sociology, University of Essex and a member of the Essex Sustainability Institute. She is an interdisciplinary researcher working at the interface between natural and social sciences, currently exploring the evolving dynamics of the food, water and energy nexus across India, Brazil, China and the EU.

Prof. Steffen Böhm (A5) is Professor of Management and Sustainability and Director of the Essex Sustainability Institute at Essex Business School, University of Essex. His research focuses on the political economies and ecologies of the food-water-energy-environment nexus.

Prof. Alice Bows-Larkin (Plenary 1) is Professor in Climate Science & Energy Policy as part of the Tyndall Centre for Climate Change Research and based within the School of Mechanical, Aerospace and Civil Engineering. Alice is now Director of Tyndall Manchester, heads up the food@manchester cross University research area and is the lead Manchester investigator on a large consortium project funded by the EPSRC entitled 'Shipping in Changing Climates'. She has also recently been awarded a large EPSRC consortium project on the Water-Food-Energy Nexus.

Dr. Alison Browne (A1) is a Research Fellow at Sustainable Consumption Institute/Lecturer in Human Geography at the University of Manchester. Her research explores the patterns and dynamics of everyday practices, associated social and infrastructural change, and environmental governance.

Dr. Hannah Collins (B3) is Deputy Team Head of the Economic Performance and Environment Team in the Economic and Social Research Council (ESRC) and ESRC's Nexus lead. Her portfolio covers economic and social science research related to the environment and she oversees several of ESRC's collaborations with other Research Councils.

Dr Gemma Cranston (Plenary 2) is a Senior Programme Manager at the University of Cambridge Institute for Sustainability Leadership (CISL). Gemma works within the Natural Capital Leaders Platform, which brings together influential companies with a global reach to work on addressing the impacts of natural capital loss and degradation on business, their customers and

wider society. She is leading projects focusing upon the nexus of food, water, energy and the environment and is involved with the Natural Capital Coalition in the development and business engagement of the Natural Capital Protocol.
www.cisl.cam.ac.uk/natcap Twitter: @GemmaCranston

Dr. Peter Cruddas (A4) is a Research Fellow in Energy Processes at the Cranfield Water Science Institute, Cranfield University. He holds a BEng in Civil Engineering, an MSc in Water Management, and a PhD in the treatment of wastewater using anaerobic stabilisation ponds. His research focuses on cross-over technologies between the developed and developing world. On-going projects include anaerobic pond design for the UK; low-energy dewatering technologies for both UK and development applications; sludge treatment technologies in Ghana; drinking water treatment in India; and developing the Nano Membrane toilet for the Gates Foundation 'Reinvent the Toilet Challenge'.

Dr. Geoff Darch (A2) is a Chartered Scientist and an expert in strategic foresight and risk, especially climate risk and adaptation planning. Geoff is Head of Climate Risks and Adaptation, and Vice Chair of the Futures Programme at Atkins. His group advises organisations from the local to global level on risks associated with climate and future climate, and other future pressures, and on how to adapt. Geoff is Chair of the Chartered Institution of Water and Environmental Management Climate Change Network. He has academic roles at Imperial College, the University of Manchester, UCL and UEA, where he lectures and supervises postgraduates, and undertakes collaborative research, on climate risks and adaptation.

Prof. David Demeritt (A3) is Professor of Geography at King's College London, best known for his ability to bridge the discipline's human-physical divide.

Andy Gibbs (Plenary 1) ESRC, Head of Economic Performance and Environment.

Dr. Candice Howarth (A2) is a Senior Research Fellow at the Global Sustainability Institute at Anglia Ruskin University. Her research focuses on the co-production of climate knowledge and climate action, engagement and communication as well as challenges and opportunities within the science-policy interface. She is the Principal Investigator for the ESRC and Nexus Network funded 'Societal responses to nexus shocks' and the CCCEP funded 'The role of practitioner evidence in the IPCC process' projects.

Dr. Antonio Ioris (A5) is lecturer in environment and society and director of the graduate programme on Environment and Development at the School of Geosciences, University of Edinburgh. His main areas of interest are public policies influenced by ecological modernisation, politico-institutional aspects of natural resources management and conservation, and controversies related to neoliberal agribusiness and rural development. Overview of research projects and publications at: geos.ed.ac.uk/homes/aioris

Prof. Peter Jackson (A1) is Professor of Human Geography at the University of Sheffield. He is the author of *Anxious Appetites: food and consumer culture* (Bloomsbury 2015) and is currently leading an ERA-Net project on 'Food, convenience and sustainability'.

Prof. Tim Jackson (Keynote 1) is Professor of Sustainable Development at the University of Surrey. He currently holds a Professorial Fellowship on Prosperity and Sustainability in the Green Economy (PASSAGE) funded by the Economic and Social Research Council (ESRC). He will direct the multi-disciplinary Centre for the Understanding of Sustainable Prosperity (CUSP), also funded by the ESRC, starting in January 2016. He is an award-winning playwright with numerous radio-writing credits for the BBC.

Dr. Anna Krzywoszynska (B3) Post Doctoral Research Associate at Durham University, has published her findings on how the nexus domains are currently being approached within the Department of Food and Rural Affairs and where there are opportunities for furthering cross-domain dialogue and action. This work was carried out as a joint *Nexus Network* - Defra fellowship, with Anna spending time in Defra over a period of 5 months, starting in March 2015. The fellowship allowed Anna to develop a strong understanding of the relevance of nexus approaches to Defra's activities, and provided many opportunities for formal and informal learning and knowledge exchange.

Prof. Lyla Mehta (B4) is a Research Fellow at the Institute of Development Studies and is an Adjunct Professor at Noragric, Norwegian University of Life Sciences. Lyla will lead development of the *Nexus Network* workshop on resources & conflicts scheduled for February 29th, 2016.

Cian O'Donovan (B5) is the *Nexus Network* Coordinator and is a research fellow at SPRU – Science Policy Research Unit at the University of Sussex.

Prof. Euan Phimister (A4) is Professor of Economics at the University of Aberdeen Business School. Current research, supported by the ESRC *Nexus Network* and the British Academy, is focused on understanding the interrelationships between food production, access to energy and water in households in Sub-Saharan Africa with partners in Ghana, Ethiopia, Uganda and the UK. He is an external associate editor of the *Journal of Agricultural Economics*, and co-chair of Technical Advisory Group on Energy and Climate Change Analysis for the Scottish Government. He also served as a member of the Agriculture, Veterinary and Food Science sub panel in the recent UK Research Excellence exercise.

Dr. Matt Watson (A1) is a senior lecturer in Human Geography at the University of Sheffield. His research, explores the systemic relations

between everyday practices, technologies, spaces and institutions, having covered fields of energy, food, waste, and personal mobility.

Dr. Ruth Welters (A3) is the Communications and Impact Manager for the *Nexus Network*. Ruth works in the School of Environmental Sciences at the University of East Anglia. In addition to the *Nexus Network* Ruth also works on a NERC-funded project with the UK water companies.

Prof. James Wilsdon (Plenary 1) is Director of the *Nexus Network* and leads its core team. Based at the University of Sussex, he is Professor of Science and Democracy in the Science Policy Research Unit (SPRU). He is also Chair of the Campaign for Social Science, and was formerly Director of Science Policy at the Royal Society.

Dr Bhaskar Vira (Plenary 2) is trained as an economist, and works on the political economy of environment and development at the Department of Geography, University of Cambridge. He is Founding Director of the University of Cambridge Conservation Research Institute. Bhaskar is particularly interested in governance and incentives for natural resource use and management, state-society interactions over natural resources, and multi-stakeholder partnerships for natural resource management. He was a coordinating lead author for the Millennium Ecosystem Assessment and the UK National Ecosystem Assessment, and chaired the Global Forest Expert Panel on Forests and Food Security..

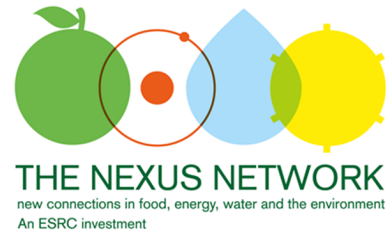
Dr. Tom Wakeford (A5) is Reader in Public Science, Centre for Agroecology, Water and Resilience, Coventry University and a consultant to the European Commission's Joint Research Centres. He undertakes participatory action research, a set of practices taking place at the intersection of social justice and knowledge production, on a wide range of issues of relevance to the nexus initiative.

Nexus, resource conflicts and social justice

A Nexus Network thematic workshop

Monday 29th February 2016

Institute of Development Studies, Brighton, UK



In recent years, the notion of the nexus has gained traction in the domain of natural resource governance. It has become the defining vocabulary to understand the inter-linkages between land, water, food and climate.

Since the 2008 *World Economic Forum* pushed key players to be concerned about water, food and energy security and their inter-linkages, the nexus has become a strong policy metaphor to address the ‘world in crises’. The nexus has also brought in new players such as global corporations, who are now taking a keen interest in addressing water, climate change and energy risks. Driven by narratives of scarcity and uncertainty, the ‘nexus’ is increasingly framed in the language of security.

The workshop will build on emergent ideas, critiques and debates raised within previous *Nexus Network* events and papers. The aim is to stimulate debate between diverse stakeholders on these contested issues and create the opportunity to tease out the academic, civil society activist, business and policy challenges as well as develop research agendas around the themes of the nexus, resource conflicts and social justice.

Workshop agenda

The workshop will be structured around the following orienting questions:

- 1) What are the on-the-ground challenges of integration across food, water, energy, climate etc. across diverse political and geographical

scales? How is nexus thinking being picked up in bureaucracies, institutions and scientific bodies, especially in the global South where capacity to deal with data/ knowledge challenges may be limited? can be Limited?

- 2) Can nexus thinking be used to achieve social justice in resource management?
- 3) How are competing trade-offs and their associated resource conflicts dealt with across local and national scales?
- 4) What does it mean to securitize water, food, energy and the environment/ climate? Is this securitization enhancing local people’s wellbeing and rights or is it allowing new actors to increase the insecurities of poor and marginalised people?

While nexus thinking has highlighted the importance of integration across diverse sectors, debates have tended to be abstract. The purpose of this workshop is to ground these debates and hammer out the implications for local resource users.

Further information

Organisation of the workshop is being led by Lyla Mehta from the Institute of Development Studies, supported by fellow members of the *Nexus Network* team and will take place at IDS, Brighton, UK. We invite participants from academia, policy, business and the third sector. For more information, please visit thenexusnetwork.org, or email info@thenexusnetwork.org.

Nexus of the Urban: Interactions between water, energy and food provision for sustainable cities

A Nexus Network thematic workshop and strategy lab
12–13 May 2016. University of Sussex



Cities are dynamically connected with other urban and rural localities, both distant and proximate. Most critically perhaps, cities rely on an elsewhere to produce much of the food, water and energy they consume. And as cities grow and extend their boundaries, this reliance on an elsewhere generally expands, despite the emergence of activities such as peri-urban agriculture and community energy installations. Thus we need to look beyond the boundaries of cities at processes of *urbanisation* to develop an understanding of social, cultural, environmental and economic dynamics of provisioning food, water and energy for and by urban inhabitants.

In recent years, interdependence between natural resources implicated in provisioning food, water and energy provision has been framed as the ‘*nexus*’. The nexuses of the urban, in addition, point to the interdependence between the practices/infrastructures for provisioning of water, food and energy with each other and with ecological processes. Recognition of the ‘urban nexuses’ points also to the need of inter- and trans-disciplinary perspectives that combine diverse insights/tools from beyond the social sciences, humanities and the natural sciences. In part as a response to this need, we see the emergence of new cross-disciplinary interventions such as the *RCUK/Innovate UK Urban Living Partnerships* and the ESRC’s *Urban Transformations* network.

Workshop participants will take stock of what kind of plural understandings of ‘*urban nexuses*’ are emerging, produced by (partnerships between) activists, communities, think tanks, corporations, and multilateral organizations, natural scientists, humanities scholars and social scientists. We will particularly reflect on the contribution that different social science perspectives might make in understanding urban nexuses, and how social scientists might effectively participate in inter- and trans-disciplinary initiatives. We will consider what kind of policy mechanisms and events might support the pursuit of the partnerships that may be required for developing new understandings.

The workshop will be structured around the following orienting questions:

1. What divergent framings and understandings of ‘urban nexuses’ are emerging and why are they important, in what ways and to whom?
2. What are the implications of these understandings and their foci for governance of nexus interactions by public, private and hybrid arrangements?
3. What implications do these understandings hold for political-economic action by, and for alliances between, civil society organizations, businesses and social movements striving for sustainability and justice?
4. What kind of relations (inter- and trans-disciplinary alliances, engagements with the material world) underpin the making of the emerging understandings of ‘urban nexuses’?
5. What new inter- and trans-disciplinary approaches (and concepts) do we need to further understand interactions at ‘urban nexuses’, including the interdependent vulnerabilities associated with access to food, water and energy in cities?

Practical information about the workshop and strategy lab

Organisation of the event is being led by Saurabh Arora from SPRU – Science Policy Research Unit at University of Sussex, supported by fellow members of the Nexus Network team and will take place over two days in University of Sussex, Brighton, UK. We invite *expressions of interest* (of 150-200 words) from interested participants in academia, policy, business and the third sector. For more information, please visit thenexusnetwork.org, or email info@thenexusnetwork.org