

# National Research Network for Low Carbon Energy and Environment (NRN-LCEE)

## Recordings of the Lectures at the Exploring Resilience workshop (resilience-workshop)

18 May 2016, SSE Swalec Cardiff

### Dr Albert Norström

Stockholm Resilience Centre, Executive Director – Programme on Ecosystem Change and Society



(documents/DrAlbertNorstrom\_ExploringResilience\_18May2016.pdf)"Social-ecological systems and resilience in the Anthropocene"  
(<https://bangor.cloud.panopto.eu/Panopto/Pages/Viewer.aspx?id=3d214312-4f8e-4c2c-957f-5714d3b36837>)

### Professor Ioan Fazey

Director of the Centre for Environmental Change and Human Resilience, University of Dundee



(documents/ProfIoanFazey\_ExploringResilience\_18May2016.pdf)"Society, resilience and transformation"  
(<https://bangor.cloud.panopto.eu/Panopto/Pages/Viewer.aspx?id=b939d15d-abb5-4b55-8159-d8e68d259a69>)

### Dr Ruth Wood

Tyndall Centre for Climate Change Research, School of Mechanical, Aerospace and Civil Engineering, University of Manchester



(documents/DrRuthWood\_ExploringResilience\_18May2016.pdf)"Resilient energy systems: Challenges from both the mitigation and impacts of climate change"  
(<https://bangor.cloud.panopto.eu/Panopto/Pages/Viewer.aspx?id=b939d15d-abb5-4b55-8159-d8e68d259a69>)

[id=b879bd34-45e2-491a-a58b-57c17be4db03\)](#)

### **Dr Jun Zang**

Director of the Research Unit for Water, Environment and Infrastructure Resilience (WEIR), Department of Architecture and Civil Engineering, University of Bath



[\(documents/DrJunZang\\_ExploringResilience\\_18May2016.pdf\)"Towards sustainable and resilient infrastructure on the coast and in the sea"](#)

[https://bangor.cloud.panopto.eu/Panopto/Pages/Viewer.aspx?id=b7771d7d-7a5e-43b0-8c72-78fbc9c335e5\)](https://bangor.cloud.panopto.eu/Panopto/Pages/Viewer.aspx?id=b7771d7d-7a5e-43b0-8c72-78fbc9c335e5)

### **Dr Dave Abson**

Faculty of Sustainability, Leuphana University, Germany



[\(documents/DrDaveAbson\\_ExploringResilience\\_18May2016.pdf\)"Sustainable intensification and agro-ecological resilience"](#)

[https://bangor.cloud.panopto.eu/Panopto/Pages/Viewer.aspx?id=879fc572-873c-4f46-8284-d2f2d6c3ad73\)](https://bangor.cloud.panopto.eu/Panopto/Pages/Viewer.aspx?id=879fc572-873c-4f46-8284-d2f2d6c3ad73)

### **Professor Dilanthi Amaratunga**

Head of the Global Disaster Resilience Centre, University of Huddersfield



[\(documents/ProfDilanthiAmaratunga\\_ExploringResilience\\_18May2016.pdf\)"Developing a resilient built environment"](#)

[https://bangor.cloud.panopto.eu/Panopto/Pages/Viewer.aspx?id=6f8b74a0-a0d6-4009-a962-8e515fea2cad\)](https://bangor.cloud.panopto.eu/Panopto/Pages/Viewer.aspx?id=6f8b74a0-a0d6-4009-a962-8e515fea2cad)

### **Professor Rajat Gupta**

Professor of Sustainable Architecture and Climate Change, Director of the Oxford Institute for Sustainable Development, Oxford Brookes University



(documents/ProfRajatGupta\_ExploringResilience\_18May2016.pdf)"Building resilience against climate change-driven overheating in housing and care homes"

(<https://bangor.cloud.panopto.eu/Panopto/Pages/Viewer.aspx?id=c94856d3-bd4a-450b-907c-3e724f4c70f0>)

### **Dr Catherine Butler**

University of Exeter



(documents/DrCatherineButler\_ExploringResilience\_18May2016.pdf)"Understanding community resilience in climate mitigation and adaptation"

(<https://bangor.cloud.panopto.eu/Panopto/Pages/Viewer.aspx?id=b3dc7171-830c-4f20-8fe2-09dedfdc2985>)

### **Professor Liz Wellington**

Director of Warwick Environmental Systems Interdisciplinary Centre, The University of Warwick



(documents/ProfLizWellington\_ExploringResilience\_18May2016.pdf)"Resilience in the environmental microbial community to the spread of pathogens and antimicrobial resistance"

(<https://bangor.cloud.panopto.eu/Panopto/Pages/Viewer.aspx?id=69fe3a34-ea20-4e4e-bb46-743d0b195b07>)

### **Dr Andrew Bruce Gill**

Cranfield University



(documents/DrAndrewGill\_ExploringResilience\_18May2016.pdf)"A new dawn of human activity in the marine environment: implications for marine ecosystem resilience"

(<https://bangor.cloud.panopto.eu/Panopto/Pages/Viewer.aspx?id=37096244-8b5b-45a3-a5d6-2770fdbfc89d>)

## Professor Volker Grimm

Helmholtz Centre for Environmental Research, UFZ, Leipzig, Germany



(documents/ProfVoklerGrimm\_ExploringResilience\_18May2016.pdf)"Observing, understanding, and utilizing resilience mechanisms of ecological systems"

(<https://bangor.cloud.panopto.eu/Panopto/Pages/Viewer.aspx?id=889ce633-3e0b-411d-b4dc-070b9d5303c2>)

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**All recordings are available on our [YouTube Channel](#) (<https://www.youtube.com/playlist?list=PLxvhrXdpOw4eODt4-450oue4xcdBKVWno>)**