



SOUNDING THE SEA

Thursday 15th and Friday 16th June

Sounding The Sea brings together international contemporary artists and leading marine scientists to explore the critical importance of ocean health to all of our futures. Through a series of thought-provoking talks, workshops, performances and film screenings our cultural and physical connections to the sea will be celebrated with artists, writers, historians and scientists.

@Invisible_Dust #Soundingthesea17

DAY 1: FERENS ART GALLERY AND HULL MARITIME MUSEUM

Film Screening (13.00 – 13.16): *Deep Above*, Adam Chodzko

Ferens Studio

Welcome and Keynote Speakers (13.30 – 15.20)

Ferens Studio

Welcome and Introduction: Simon Green, Alice Sharp and Steven Bode

- Simon Green: Director of Cultural Services, Hull Culture and Leisure Ltd
- Alice Sharp: Curator and Director, Invisible Dust
 - *Offshore: Artists explore the sea*, Ferens Art Gallery and Hull Maritime Museum
- Steven Bode: Director, Film & Video Umbrella
 - *Curator Somewhere Becoming Sea*, Humber Street Gallery

Keynote: *Deep Sea Science and Literature* with Alex Rogers and Caroline Edwards

- Alex Rogers: Professor Conservation Biology, Oxford University
- Caroline Edwards: Senior Lecturer Modern & Contemporary Literature, Birkbeck, University of London
- Chair: Alice Sharp, Invisible Dust

Keynote: *Tehom* by China Miéville

- China Miéville: Fantasy Fiction Author
- Chair: David Malone, Filmmaker and Author

Afternoon Tea & Coffee and China Miéville book signing (15.20 – 15.50)

Foyer, Studio

Performance: *minnsmouth* by Alec Finlay, artist (15.50 – 16.20)

Ferens Studio

Exhibition Tours (16.30 – 18.30)

Start from Foyer, Ferens Studio

Offshore: Artists Explore the Sea: Ferens Art Gallery and Hull Maritime Museum, HU1 3RA

Somewhere Becoming Sea: Humber Street Gallery, HU1 1TU

Film Screenings:

Ferens Studio

16.30 – 17.15: *Mnemosyne*, John Akomfrah

17.15 – 18.35: *Leviathan*, Lucien Castaing-Taylor, Verena Paravel

Reception and Buffet (19.00 – 22.00)

Thieving Harry's, Humber Street

Champagne Reception: 19.00

Evening Buffet: 20.00

Thieving Harry's, 73 Humber Street, HU1 1TU - 10-minute walk from Ferens Art Gallery

DAY 2: MIDDLETON HALL, UNIVERSITY OF HULL

Welcome and Keynote Speakers (9.30 – 11.00)

Middleton Hall

Welcome and Introduction: Alice Sharp and Professor Glenn Burgess

- Alice Sharp: Curator and Director, Invisible Dust
- Professor Glen Burgess: Vice Chancellor, University of Hull

Performance: *Voices Over Water* by **Rob Mackay** and **John Wedgwood Clarke**, commission for *Offshore: artists explore the sea*

Keynote Speaker: *The Sea Outside: The fluid inner space of the sea* by **Philip Hoare**

- Philip Hoare: Author
- Chair: Caroline Edwards Senior Lecturer Modern & Contemporary Literature, Birkbeck, University of London

Keynote Speaker: *Ocean sounds from bubbles: whales, dolphins, climate change and other planets* by **Tim Leighton**

- Tim Leighton: Professor of Ultrasonics & Underwater Acoustics, University of Southampton
- Chair: Lucy Wood, Invisible Dust

Morning Tea & Coffee (11.00 – 11.30)

Foyer, Middleton Hall

Film Screening: *Dark Years Away*, **Mariele Neudecker** (Video 6 minutes)

Middleton Hall

Morning Breakout Sessions (11.30 – 12.15)

A) Framing Voices: Making Participatory Artwork

Larkin Lecture Theatre A

Bik van der Pol in conversation with **Lara Goodband**

- Bik van der Pol: Artists
- Lara Goodband: Curator, Invisible Dust

B) Laws, protecting our seas and the environmental Impact of Brexit

Larkin Lecture Theatre B

Ana Stanic and **Dr Magnus Johnson**

- Ana Stanic: EU Lawyer
- Magnus Johnson: Doctor and Lecturer in Environmental Marine Biology, University of Hull
- Chair: David Malone, Filmmaker and author

C) Artist, Poets and Marine Protected Areas

Larkin Lecture Theatre C

John Wedgwood Clarke, **Margaret Salmon** and **Heather Davison**

- John Wedgwood Clarke: Artist and Poet
- Margaret Salmon: Artist
- Heather Davison: Flamborough Head Marine Protected Area
- Chair: Lucy Wood, Invisible Dust

D) Conserving Oceans – Plastics, Wildlife & Pollution

Larkin Lecture Theatre D

Jo Ruxton, **Sophie Darlington** and **Marcela Teran**

- Jo Ruxton: Producer, *Plastic Oceans*
- Sophie Darlington: Filmmaker and Wildlife Cinematographer
- Marcela Teran: Art and Editorial Coordinator, Greenpeace
- Chair: Victoria Burns, Invisible Dust

Light Lunch (12.15 – 13.00)

Foyer, Middleton Hall

Philip Hoare Book Signing (12.15 – 13.00)

Foyer, Middleton Hall

Performance: (13.00 - 13.30) *Rising* by Adam Chodzko with actress Gretchen Egolf, commissioned by Invisible Dust and Great North Run Culture

Middleton Hall

Exhibition Reflections (13.30 – 14.00) for *Offshore: artists explore the sea and Somewhere Becoming Sea*

Middleton Hall

- Alex Rogers: Professor Conservation Biology, Oxford University
- Sophie Darlington: Filmmaker and Wildlife Cinematographer
- Philip Hoare: Author
- Chair: David Malone

Afternoon Breakout Sessions (14.00 – 14.45)

A) Hull, Ports and Culture

Larkin Lecture Theatre A

- David Starkey: Professor Maritime History, University of Hull
- Robin Diaper: Curator of Maritime & Social History, Hull Maritime Museum
- Chair: Lara Goodband, Curator, Invisible Dust

B) Sea Levels Rising

Larkin Lecture Theatre B

- Adam Chodzko: Artist, (*Deep Above* and *Rising* commissioned by Invisible Dust)
- Karen Kramer: Artist
- Martin Budd: Environment and Climate Change Strategic Advisor at Kingston upon Hull City Council
- Chair: Steven Bode Curator, *Somewhere Becoming Sea*, Humber Street Gallery

C) Art & Coral Reefs

Larkin Lecture Theatre C

- Kasia Molga: Artist
- Seb Prajsnar: Aquarist, The Deep, Hull
- Sebastian Hennige: NERC Independent Research Fellow, Edinburgh University
- Chair: Lucy Wood, Invisible Dust

Afternoon Tea & Coffee (14.45 – 15.00)

Foyer, Middleton Hall

Closing Sessions (15.00 – 16.00)

Middleton Hall

Keynote: Mariele Neudecker in conversation with Alex Rogers

- Mariele Neudecker: Artist
- Alex Rogers: Professor Conservation Biology, University of Oxford
- Chair: Alice Sharp, Director, Invisible Dust

Closing Session

- Saskia Olde Wolbers: Artist
- Callum Roberts: Professor Marine Conservation, University of York
- Alice Sharp: Director, Invisible Dust

Please note the programme is subject to change.

FILM SCREENINGS AND PERFORMANCES

Film Screening: *Deep Above*, Adam Chodzko

- Adam Chodzko: Artist

What is the psychological gap where we understand that climate change occurs yet remain paralysed from taking action? We appreciate, intellectually, its potentially devastating impact on our planet and yet simultaneously we distance ourselves from *feeling* this danger, diverting our belief into fantasies that somehow, individually, we are impervious! Chodzko uses moving image and sound to explore, short-circuit and abstract our slippery self-deceptions regarding climate change. Exploring the zones between the rational and irrational, and mind and body, whilst adopting the languages of meditation, hypnosis and 'self-help' he addresses the behavioural psychology analysed in George Marshall's brilliant book *Don't Even Think About It: Why Our Brains Are Wired to Ignore Climate Change*. 'Deep Above' was commissioned by Invisible Dust, advised by Dr Adam Harris, lecturer in Experimental Psychology, University College London, produced in association with Watershed and Shambala Festival and was funded by the Wellcome Trust.

Film Screening: *Mnemosyne*, John Akomfrah

- John Akomfrah: Artist and Film Maker

Mnemosyne refers to the mother of the Nine Muses, the personification of memory in Greek mythology. Akomfrah's tone poem is split into verses named after the daughters of Mnemosyne: Tragedy, History, Music, Sacred Song, Astronomy, Comedy, Erotic Love and Dance. Created for the 'Made in England' project, *Mnemosyne* uses a vast array of archival material to hauntingly recast and retell the experiences of postwar immigrants – resuscitating the now familiar images of our multicultural and diasporic histories. Centering on the West Midlands from 1960 - 1981 and interlaced with images of an unidentified frozen wasteland, contemporary 'portraits' of Birmingham, narrative and literary voices and a dub infused soundtrack, *Mnemosyne* is an evocative bricolage which questions memory and suggests the possibility for endless re-interpretation of historical events. Devised and scripted from the writings of an array of authors including Dante Alighieri, Samuel Beckett, Emily Dickinson, James Joyce, John Milton, Friedrich Nietzsche, William Shakespeare, Sophocles and Dylan Thomas, *Mnemosyne* is a set of imaginary journeys through myth, folklore, history and a museum of intangible things.

Film Screening: *Leviathan*, Lucien Castaing-Taylor, Verena Paravel

- Lucien Castaing-Taylor and Verena Paravel: Artists and Film Makers

A groundbreaking, immersive portrait of the contemporary commercial fishing industry. Filmed off the coast of New Bedford, Massachusetts at one time the whaling capital of the world as well as Melville's inspiration for 'Moby Dick'; it is today the country's largest fishing port with over 500 ships sailing from its harbour every month. *Leviathan* follows one such vessel, a hulking groundfish trawler, into the surrounding murky black waters on a weeks-long fishing expedition. But instead of romanticizing the labour or partaking in the longstanding tradition of turning fisherfolk into images, filmmakers Lucien Castaing-Taylor (Sweetgrass) and Verena Paravel (Foreign Parts) present a vivid, almost-kaleidoscopic representation of the work, the sea, the machinery and the players, both human and marine. Employing an arsenal of cameras that passed freely from film crew to ship crew; that swoop from below sea level to astonishing bird's-eye views, the film that emerges is unlike anything that has been seen before. Entirely dialogue-free, but mesmerizing and gripping throughout, it is a cosmic portrait of one of mankind's oldest endeavours.

Film Screening: *Dark Years Away*, Mariele Neudecker

Neudecker's film captures the seemingly endless scooping of a remotely operated vehicle retrieving samples on the ocean floor. The movements and plumes of dust are choreographed to an accompanying classical score by Peteris Vasks (Voices, Symphony for Strings, 1991) called *Voices of Silence*, a piece that was originally made for the silence of outer space. To date, space has been more explored than the earth's deep sea.

Performance: minnmouth by Alec Finlay

- Alec Finlay: Artist and Poet

minnmouth bodes the inshot and ootshot tide: sea rise, coastal inundation, and the promise of marine renewables. The poems are anchored by place-names; they are composed in and impelled by the regional languages of the East Coast of the British Isles, from the Out Stack of Unst to Great Yarmouth. Accompanied by *tidesongs*, composed by Hanna Tuulik with Lucy Duncombe from phrases and elements in the poems.

Performance: *Voices Over Water* by Rob Mackay and John Wedgwood Clarke

- Rob Mackay: Senior Lecturer in Music, University of Hull and Sound Artist

- John Wedgwood Clarke: Artist and Writer

Voice Over Water, a poetry soundscape in three sections, explores parallels between human and marine-biological communication at Trinity Buoy Wharf, River Thames. If, through ocean acidification, the pH of the sea falls as predicted to 7.7 by 2100, then many aquatic organisms dependent on chemical communication will be rendered blind. *Voices Over Water* explores this central idea by playing with increasing sonic and linguistic disorientation of the listener.

Performance: *Rising* by Adam Chodzko and Gretchen Egolf

- Adam Chodzko: Artist

- Gretchen Egolf: Actress

Co-commissioned by Invisible Dust and Great North Run Culture, a live performance, by actress Gretchen Egolf. *Rising* evokes a flooded science-fiction future, in which marathon runners attempt to adapt both physically and psychologically to their increasingly aquatic environment of rising water levels brought about by climate change. In this hypnotic work Chodzko fuses together the interior psychological environment of the runner's mind and the external collapse of a climate necessary to sustain human life. These processes are echoed in *Rising's* correlation of slipping between different levels of unconsciousness and rising flood water. Reality becomes suspended with the possibility of its acoustic environment being located solely in the *imagination* of the hypnotised sitter, or is being *played* by the analyst to trigger perception or perhaps *is* the analyst itself. *Rising*, together with its parallel video work *Deep Above* (2015), (also commissioned by *Invisible Dust*) focus on Adam's interest in our mind's incapacity to act in order to avoid environmental catastrophe, he suggests that a complete rewiring of the way we think may be necessary for our survival, and that it could be art that deeply facilitates this.

BIOGRAPHIES

Artists, Speakers and Chairs

Steven Bode: Independent Curator and Curator Somewhere Becoming Sea, Humber Street Gallery

Steven Bode is Director of Film and Video Umbrella (F&VU), a London-based agency - Britain's main commissioners of artists' film and video work. Since 1993 he has initiated and overseen over a hundred different projects, including major new works from internationally-acclaimed artists such as Isaac Julien, Gillian Wearing, Jane & Louise Wilson, Mark Leckey, Johan Grimmonprez, Duncan Campbell, Tacita Dean and Ed Atkins. Alongside this commissioning activity, he has curated a number of group exhibitions, of which *Somewhere Becoming Sea* at Humber Street Gallery is the latest, others include: *Airport* (1997, Photographers' Gallery, London; with Jeremy Millar), *The Other Side of Zero* (2000, Video Positive, Liverpool), and *There is No Road* (2008, LABoral, Gijón, Spain), as well as film and video programmes such as *New Video from Great Britain* (1997, MoMA, New York). He has written extensively about video, film and contemporary art, and has contributed essays to artists' monographs, including texts on Dryden Goodwin (*Cast*, 2009) and Zineb Sedira (*Beneath the Surface*, 2011), as well as catalogue essays for F&VU publications.

Martin Budd: Environment & Climate Change Strategic Advisor at Kingston upon Hull City Council

Martin received a BA (Hons) in Social Sciences and an MSc in Urban Regeneration from Liverpool Polytechnic, followed by a PG Dip in Housing Policy and Practice at Humberside Polytechnic. Since then he has worked in housing regeneration in the public and private sector, as well as community health development. For the last 15 years he has worked for Hull City Council in the areas of sustainable development, climate change and economic development. He is a member of the DEFRA Local Adaptation Advisory Panel providing advice to Government on climate adaptation from the local government perspective, and has given evidence to the Parliamentary Environmental Audit Committee on climate adaptation. While at Hull he assisted in the development of the Local Agenda 21 Strategy and was responsible for the Council's Environment and Climate Change Strategy which is currently being reviewed to be replaced in 2020 with a Strategy for the next 30 years. He has developed climate adaptation risk assessments for front facing services in the Council and for three of the Humber Museum services as part of an Arts Council funded project. His work is wide ranging and currently includes leading on development of district heating, climate adaptation, electric vehicle infrastructure and carbon reduction amongst others.

Professor Glenn Burgess: Deputy Vice-Chancellor, University of Hull

Professor Glenn Burgess was appointed Deputy Vice-Chancellor and Pro-Vice-Chancellor (Academic Affairs) in May 2014, having previously held the role of Pro-Vice-Chancellor (Learning and Teaching) since February 2010. Professor Burgess was born in New Zealand, and educated there (Victoria University of Wellington), as well as at the University of Cambridge, where he completed a PhD in 1988. He returned to New Zealand to teach at the University of Canterbury, Christchurch from 1988 to 1994, when he joined the History School at Hull. Glenn was awarded a personal chair in 1998. He served as Head of School of History from 2003 to 2009 and has also served as Deputy Dean for Research in the Faculty of Arts, Cultures and Education. He has been a member of Senate since 2001. His research interests lie in the history of Tudor and Stuart England, the history of political thought, and philosophy and theory of history. His major publications include *The Politics of the Ancient Constitution: An Introduction to English Political Thought 1603-1642* (1992); *Absolute Monarchy and the Stuart Constitution* (1996); *British Political Thought 1500-1660: The Politics of the Post-Reformation* (2009); and, as editor, *The New British History: Founding a Modern State 1603-1715* (1999); *English Radicalism, 1550-1850* (2007), and *European Political Thought 1450-1700* (2007).

Victoria Burns: Programme Producer, Invisible Dust

Victoria has worked independently and with a broad range of arts organisations including nine years of touring and festival production, she has extensive experience of producing events and managing large programmes of work across art forms. Over the last 15 years she has presented work to diverse audiences in a range of venues and settings, managing substantial budgets and multiple partners.

Adam Chodzko: Artist

Adam Chodzko's multidisciplinary practice explores real interactions and imagined possibilities of human behaviour within contexts as diverse as ethnography, communication, migration, ritual, digital technology, perception, climate change, disembodiment in order to connect relationships between these differing fields of knowledge. Exhibiting work nationally and internationally, working across media, from video installations to subtle interventions, Chodzko's work explores our collective imagination in order to speculate how, through the visual, we might best connect with others. Since 1991, he has exhibited widely, including at: Tate Britain; Tate St Ives; Venice Biennale; Royal Academy, London; Deste Foundation, Athens; PS1, NY; Ikon Gallery, Birmingham; Kunstmuseum Luzern; Henry Moore Institute, Leeds; Yorkshire Sculpture Park; Athens Biennale; Istanbul Biennial; and Folkestone Triennial. Chodzko has received awards from the Paul Hamlyn Foundation, the Foundation for Contemporary Arts, New York and an AHRC Creative Research Fellowship, he was shortlisted for the 2015 Jarman Award, and was recently awarded a DACS Art360 award. His work is in collections at the Tate, The British Council, The British Film Institute, The Arts Council, Auckland City Art Gallery, Contemporary Art Society Collection, The Creative Foundation, Galleria d'Arte Moderna, Turin, Grizedale Arts, Plains Arts Museum, North Dakota, USA, Saatchi Collection, amongst others.

<http://adamchodzko.com/>

Robin Diaper: Curator of Maritime & Social History, Hull Maritime Museum

Robin Diaper is a museum professional with over 18 years' experience in the sector, including work within national, local authority and independent museums. His experience of exhibitions, projects and collections work includes natural, maritime, social, industrial and transport history along with fine and decorative art and historic buildings. He is currently Curator of Maritime & Social History at Hull Culture & Leisure Ltd, and site curator for the Maritime Museum amongst other sites in the service. <http://www.hullcc.gov.uk/museums>

Sophie Darlington: Filmmaker and Wildlife Cinematographer

Sophie is a BAFTA Award-Winning Filmmaker and Cinematographer specialising in natural history, who has been making blue chip wildlife feature films and television for over 25 years. Sophie also collaborates with artists, most notably Richard Mosse on his 2017 exhibition 'Incoming' and 'Heat Maps'. Experienced as a self-shooting DP Sophie has an outstanding reputation for long lens work, beautiful composition, high speed and anticipation of animal behaviour. She has worked on feature films for Disney Nature, BBC Earth and The Discovery Channel and television series for The BBC, CBS, Discovery Channel, PBS and National Geographic. Sophie has worked happily in extreme and remote locations throughout Africa, The Americas, Antarctica and Asia on a wide variety of cameras and formats. Currently Sophie is busy filming for a new Netflix landmark series, a feature film for Disney Nature, as well as the BBC's 'Dynasty' series, all scheduled for release in 2019. <http://sophiedarlington.com/>

Heather Davison: Project Officer, Flamborough Head European Marine Site Management Scheme

Heather Davison has been working in Marine Protected Area management for nearly five years after previously working for the RSPB in a public engagement role. On a daily basis, Heather represents eleven different organisations that all have a legal requirement to manage the Flamborough Head European Marine Site (EMS) effectively. The EMS is internationally-recognised as one of the best, and most accessible, seabird colonies in Europe and the only place our largest seabird, the gannet, breeds in England. The unique geology of Flamborough Head has created hundreds of sea caves and an extensive chalk reef which supports a wide range of marine species including a band of kelp forest; recognised as one of the most productive habitats in the world. A large part of Heather's job involves collaborating with partners and wider stakeholders to enthuse, inform and educate visitors to the site. By encouraging people to understand how special the EMS is, it is hoped that they will be more aware of the site's sensitivities and adjust their behaviour accordingly.

Gretchen Egolf: Actor and Theatre-Maker

Gretchen Egolf is an actor and theatre-maker. After training at Juilliard, NY, she has worked as an actor for over twenty years in prominent television, film, and theatre, in America and the UK. Egolf has also appeared in Adam Chodsko's *Knots* at Tate Britain, and the recorded version and live performances of *Rising* at the Great North Run Culture Festival Newcastle, *Ways of Seeing Climate Change* Conference Manchester, *Re-Think Environment* National Maritime Museum, and The Beppu International Contemporary Art Triennial in Beppu, Japan. Gretchen has also appeared in US artist Beth Campbell's video *Some Things Change*. She directed, co-devised, and performed in *What We Need It To Be* at the International Festival of Projections, University of Kent, and The Beane Museum, Canterbury. Egolf has directed two short films based on Shakespeare sonnets (#124 and #147) as part of the ongoing Sonnet Project by New York Shakespeare Exchange. She is currently collaborating with director Sinead Rushe and writer Rosa Ainley on a performance in Alexandra Palace based on Ainley's writings on plurivocality in architecture. Egolf has taught at leading drama schools including Central, RADA, and LAMDA. www.gretchenegolf.com

Dr Caroline Edwards: Senior Lecturer, Modern & Contemporary Literature, Birkbeck, London

Dr Edward's research focuses on utopian imagination in contemporary literature, science fiction, apocalyptic narratives, and Western Marxism. She is author of *Fictions of the Not Yet: Time in the 21st Century British Novel* (forthcoming), an academic study examining temporal experience and utopian anticipation in contemporary texts by British writers including Hari Kunzru, Maggie Gee, David Mitchell, Ali Smith, Jim Crace, Marina Warner, Sam Taylor, Joanna Kavenna, Grace McCleen, Jon McGregor, Patrick Ness and Claire Fuller. She is currently working on her second book, *Arcadian Revenge: Utopia, Apocalypse and Science Fiction in the Era of Ecocatastrophe*, which considers how

fictions of extreme environments (such as Mars, Antarctica, the deep sea, and the centre of the Earth) have allowed writers to imagine creative responses to real and perceived disasters about climate change, from the late 19th century to the present day. Caroline has also written a number of articles for journals and publications, including *Telos*, *Modern Fiction Studies*, *Textual Practice*, *Contemporary Literature*, *ASAP: Journal of the Association for the Study of the Arts of the Present*, and the *New Statesman*. Caroline is regularly involved in public events and has been invited to speak at the Wellcome Trust, the Institute of Contemporary Arts, BBC Radio 4, BBC Radio 3, the Museum of London, BBC One South East, the Royal Observatory at Greenwich, and the LSE Literary Festival.

Alec Finlay: Artist

Alec Finlay is an internationally-recognised artist and poet whose work crosses over a range of media and forms. Much of Finlay's work considers how we as a culture, or cultures, relate to landscape and ecology. Through permanent and temporary interventions, integrative web-based projects, and collaborative publications, Finlay weaves together generous experiential works, often collaborative, sometimes mapped directly onto the landscape, embedded socially or accessed online. Finlay was the first Artist in Residence at BALTIC, and has undertaken several other residencies including at Yorkshire Sculpture Park, and the New and Renewable Energy Centre (Blyth) and Northumbria University exploring perceptions of renewable energy. He has exhibited at the Sydney Biennale and recently had an artwork permanently installed at Jupiter Artland. Recent projects include *Sweeney's Bothy*, an artist-residency space for the Isle of Eigg, and *taigh*, Scotland's national memorial to organ and tissue donors, installed in Edinburgh's Royal Botanic Garden. In 2012 Finlay was shortlisted for the Artistic Landmarks in Contemporary Experience (ALICE) Awards, in 2010 for the Northern Art Prize, and in 2016 for the Land Art Generator Initiative. Recent publications include *minnmouth* (2017), *ebban an' flowan* (2015), *I Hear Her Cry* (2015), *Global Oracle* (2014), and *Today Today Today* (2013). He has published over forty books and won six Scottish Design Awards, including two Grand Prix Awards (2001, 2015). www.alecfinlay.com

Lara Goodband: Co-Curator *Offshore: Artists explore the sea, Invisible Dust*

Lara is a Research Associate at the University of York and an independent art curator. Lara works with art galleries and museums across Yorkshire to curate exhibitions from collections and initiate new work by contemporary artists. In 2014, she co-curated *York Curiouser*, a city-wide project working with contemporary artists to explore York's history through siting commissioned artwork outdoors. She has a particular interest in participatory-art practices and is Artistic Director of Sea Swim, an organisation established to explore the effects of water on creativity, for which she curated the Arts Council nationally touring exhibition *Head Above Water*.

Simon Green: Director of Cultural Services - Hull Culture & Leisure Ltd

Simon is responsible for strategic leadership and delivery of services within a wholly owned not for profit council company. Including Museums, Galleries, Archives, Local Studies Library, Hull New Theatre and Hull City Hall.

Dr. Sebastian Hennige: NERC Independent Research Fellow, Edinburgh University

Sebastian studied Marine and Environmental Biology at the University of St. Andrews before taking a PhD at the University of Essex to examine how corals can acclimate and adapt across environmental gradients. Sebastian then went to the University of Delaware (USA) to research how harmful algal blooms can take advantage of changes in their environment, and what the mechanisms are that underlie tropical coral bleaching. He then moved to Heriot-Watt University to conduct long-term experiments on whether cold-water corals, such as the ones we have off the west coast of Scotland, can survive projected changes in ocean acidification. Sebastian's research examines the impact of climate change and pollutants on marine organisms and ecosystems, with particular focus on tropical and cold-water coral reefs. He explores how *Past* events have impacted upon marine ecosystems and organisms, examines how organisms have adapted to survive in a wide variety of *Present* day systems, and how predicted *Future* conditions will impact organism fitness. Sebastian was lead editor of the UN Convention on Biological Diversity report on ocean acidification, where he gained an appreciation on how powerful art can be to engage the public on a variety of levels. Recently, Sebastian has been involved in artist residencies and introducing remote island communities to their 'hidden underwater world' through interactive artwork.

Philip Hoare: International Author

Philip Hoare's books include biographies of Stephen Tennant and Noel Coward, the historical studies, *Wilde's Last Stand Spike Island*, and *England's Lost Eden*. His book *Leviathan or, The Whale* won the 2009 BBC Samuel Johnson Prize for non-fiction. His last book, *The Sea Inside*, was published in 2013. His new book, *RISINGTIDEFALLINGSTAR*, is published by Fourth Estate in July 2017. An experienced broadcaster, curator and filmmaker, he wrote and presented the BBC Arena film *The Hunt for Moby-Dick*, and directed three films for BBC's *Whale Night*. He is Professor of Creative Writing, University of Southampton, and curator of the Moby-Dick Big Read - www.mobydickbigread.com

Dr Magnus Johnson: Lecturer in Environmental Marine Biology, University of Hull

Magnus grew up in the Shetland Isles immersed in fishing – his father was a part-time fisherman and his mother worked in the local fish factory. His ancestors were fishermen, crofters and whalers. After a few barren years doing mundane jobs he dragged himself into university as a semi-mature student to study marine and freshwater biology and has not looked back since. He considers himself academically eclectic and his study species either taste good or are found in interesting places. Politically he leans to the left and is unashamedly pro-European. His long association with the fishing industry has been challenged by their overwhelming support for Brexit. He struggles to see the advantages of Brexit for the fishing industry, the environment or society. 'The environment, like shoals of fish, doesn't adhere to political or artificial boundaries – we are facing global challenges that require strong international partnerships and economic compromise. We are in the Anthropocene – the Earth is changing, species are moving, human beings are suffering. Global, national and local leadership is not living up to the challenges we are facing. That is a tragedy because humans are so very clever, capable and adaptable and if we put our collective minds to it, the world could be a much better, cleaner and fairer place'.

"If of thy mortal goods, thou art bereft. And from thy slender store two loaves Alone to thee are left, Sell one and from the dole, Buy hyacinths to feed the soul." Muslihuddhin Sadi (13th Century Persian poet)

Karen Kramer: Artist

Karen Kramer is a multi-disciplinary artist working with installation, moving image and sound. Her practice is research driven drawing heavily from marine biology, coastal geology, human geography, acoustics and archaeology. The work often takes the form of mythologising natural phenomena -- embedding a critique of putative distinctions between the natural and manmade. The intersection of human and animal as well as terrestrial and marine habitats frequently serves as the thematic and conceptual framework of the work and is often prompted by a trauma or disaster. Karen has a BFA from Parsons School of Design, New York, in 2003 subsequently working in graphic design for the Center for Coastal Studies in Cape Cod Massachusetts. In 2013 Kramer made a shift in her career completing MFA Fine Art, Goldsmiths, University of London. She has exhibited internationally, screenings and exhibitions include: West Space, Melbourne, Australia, 2017; E-WERK Freiburg, Germany, 2017; PyeongChang Biennale, Gangneung, South Korea, 2017; Bildmuseet, Umeå, Sweden, 2017; Jerwood/FVU Awards, Jerwood Space, London, CCA Glasgow, 2016; Galerie Fatiha Selam Paris, France, 2015; Royal Geographical Society-IBG Annual International Conference, Exeter 2015; The Gallery Apart, Rome, 2014; Oyoyo, Sapporo, Japan, 2014; and Arti et Amicitiae, Amsterdam, 2013. In 2016 Kramer was selected for the Jerwood/FVU Awards.

Tim Leighton: Professor Ultrasonics & Underwater Acoustics, University of Southampton

Professor Timothy Leighton FREng FRS is Professor of Ultrasonics and Underwater Acoustics at the University of Southampton, and a Fellow of the Royal Society. The 2006 Paterson Medal of the Institute of Physics states 'Timothy Leighton's contribution is outstanding in both breadth and depth. He is an acknowledged world leader in four fields'. He has pioneered fundamental research, and taken it through to products, including numerous inventions for healthcare, ocean exploration, catastrophe relief, and industry. He has received 7 medals and 6 International Prizes from diverse bodies, including the Institute of Physics, the Acoustical Society of America, the International Commission of Acoustics, the Institute of Acoustics, the Institute of Chemical Engineering, S-lab, and the Royal Society. His discoveries regarding sound in the sea include methods to use sound to study the transfer of gas between atmosphere and ocean, a key component of the carbon budget and a vital factor in predicting climate change; how whales might form 'nets' of sound to capture fish; how dolphins might use advanced mathematics to hunt with their

sonar; and how we might explore the oceans of other planets using sound. He has demonstrated the similarity between sound in the ocean, and the much higher frequency sound in the womb, used to form ultrasonic images of foetuses. Indeed, his most impactful work was perhaps as part of the team that drew up the guidelines for routine scanning by ultrasound during pregnancy, which has contributed to over 2 billion births to date.

Dr Rob Mackay: Senior Lecturer in Music and Sound Artist

Rob Mackay is a composer, sound artist and performer. He is currently a Senior Lecturer in Music at the University of Hull. Recent projects have moved towards a cross-disciplinary approach, including geology, soundscape ecology, theatre, audiovisual installation work, and human-computer interaction. His work has been performed in 18 countries (including several performances on BBC Radio 3, BBC Radio 1 and Radio France), and a number of his pieces have received international awards (Bourges (1997 and 2001), EAR (1999), La Muse en Circuit (2007)). He has held composer residencies at Slovak Radio (Bratislava), La Muse en Circuit (Paris), the Tyrone Guthrie Arts Centre (Ireland), Habitación del Ruido (Mexico City), and CMMAS (Morelia). He is director of HEARO (Hull Electroacoustic Resonance Orchestra) and is editor for *Interference*, a journal of audio cultures. Several CDs and Vinyl are available including Rob's Work. www.robmackay.net

David Malone: Documentary Film Maker

David Malone's work has been described by critics as 'Moving and startling... As close to poetry as television gets'. He learnt his craft at the BBC where he worked for 9 years on a wide variety of science programmes including *Tomorrow's World*. In 1996 he set up his own production company I-330 Films. In 2001 he made *Testing God* asking if in a scientific world one can still believe in God. The series was short listed for an RTS award. This was followed by *Soul Searching* asking what the words Self and Soul tell us about the human condition. In 1995 his film *Are We Alone* won an Indie award for best Science film. A few years later he made *Dangerous Knowledge*, the Guardian called the film '...bewilderingly beautiful...irresistibly attractive and seductive'. A series of three films made for BBC Scotland took different views of what it means to be human. The first *The Secret Life of Waves* won the Circom international prize for most original work, followed by *Heart V Mind* and *Metamorphosis - The Science of Change*. Most recently Malone has completed a series of films including: *Why Are We Here*, *Searching for a new Science*, which asks is it possible to reconcile meaning, purpose and perhaps even God with the workings of a purely material universe. He has made over 40 films, written a book, *The Debt Generation*, writes a well-respected financial blog under the pseudonym GolemXIV and is currently writing a book with the working title of *RGB - The Story of Life in Three Colours*.

China Miéville: International Science Fiction Author and Writer

China Miéville is the author of several novels, short-story collection and novellas, including *The City & the City*, *Three Moments of an Explosion: Stories*, and *This Census-Taker*. His non-fiction books include *Between Equal Rights*, a study of international law, and *October: The Story of the Russian Revolution*. He is a founding editor of the journal *Salvage*.

Kasia Molga: Artist

Kasia is a Design Fusionist, Artist and Creative Technologist, working at the intersection of art / science / engineering. She examines human perception and relationship with planet / nature / environment in an increasingly technologically mediated world in a context of environmental, climate change and unforeseen futures. She explores various aspects of transmitting and manifesting real time environmental and biological data, using this data as the beginning of a conversation connecting users / viewers at an intimate and emotional level to the data sources. Kasia has exhibited internationally: Ars Electronica 2012 (Linz, Austria), TRANSNATURAL (NL), Meta.Morf (NO), V&A (UK), ISEA (Istanbul, Turkey), Translife Media Arts Triennial (Beijing, China), MIS (Sao Paulo, BR), Dutch Design Week (NL), MOMA (NY). She has received many international awards, grants and accolades: Ars Electronica Honorary Mention, Wellcome Trust, Network for Innovation in Culture and Creative in Europe Award, Creative Industries NL, Creative Works London. Her work has been featured in The Guardian, BBC, The Washington Post, The Huffington Post, Metro International. Kasia is a co-founder and creative director of World Wilder Lab, and Electronudes, she was previously a core member of Protei. Holding an MA in Interdisciplinary Design Studies from UAL, she regularly presents and lectures. Kasia is also a licensed Scuba Diver, avid traveller, aerial photographer and spent her childhood sailing on merchant navy vessels. www.kasiamolga.net

Mariele Neudecker: Artist

Born in Dusseldorf, Germany, Mariele Neudecker lives and works in Bristol. Neudecker uses a broad range of media including sculpture, installation, film and photography. Her practice investigates the formation and historical dissemination of cultural constructs around the natural world, focusing particularly on landscape representations within the Northern European Romantic tradition and today's notions of the Sublime. Central to the work is the human interest and relationship to landscape and its images used metaphorically for human psychology. Neudecker has shown widely internationally, notably in Biennales in Japan, Australia and Singapore, also solo shows in Ikon Gallery, Tate St Ives and Tate Britain. In 2010 she presented a solo exhibition at Galerie Barbara Thumm, Berlin, won the Ludwig Gies Preis for her participation at Triennale Fellbach 2010 (Germany), made a new commission for Extraordinary Measures, Belsay Hall, Castle and Gardens, Newcastle upon Tyne (UK) and was invited to spend three months at the Headlands Centre for the Arts, San Francisco (USA).

Saskia Olde Wolbers: Artist

Olde Wolbers' short narrative videos combine carefully crafted fictional scripts with visuals that reveal other-worldly environments. Off-screen narrators address the fluidity of fact through biographies relating to notions of translation, neurosis and verisimilitude with an eye for wit and the absurd. Referencing computer-generated imagery, her liquid visuals are entirely analogue, shot in real-time in model sets. Her videos incorporate soundtracks composed by Daniel Pemberton, well known for creating an inventive hybrid of musical media – from electronic to orchestral. In most recent works Saskia blends her unique visual style with footage shot on location, archival material and sonar imagery. Olde Wolbers shows internationally in museums, galleries and public spaces. Numerous awards include: Breathing Space Award, Space Studios, London, 2016, London Artists' Film and Video Award, 2007; Beck's Futures Award, 2004; Baloise Prize, 2003; Charlotte Kohler Award, 2002; Prix de Rome Film and Video, 2001. Her work is in private and public collections including: Stedelijk Museum, Amsterdam, Hirshhorn Museum, Washington DC, Goetz Collection, Munich and South London Gallery. Recent solo exhibitions include: *Yes, these Eyes are the Windows*, Fondation Vincent van Gogh Arles, 2016 and an Artangel commission, London, 2014; *Art Unlimited*, Art Basel 2014; *Kinemacolor*, Museum M Leuven, Leuven, Belgium, 2013; Ota Fine Arts, Tokyo and Singapore, 2013; Maureen Paley, London, 2012; *Seven Screens*, Osram, Munich; *A Shot in the Dark*, Secession, Vienna, 2011; Mori Art Museum, Tokyo, 2008.

www.saskiaoldewolbers.com

Seb Prajsnar: Aquarist, The Deep, Hull

Born and raised in Poland, Seb graduated from West Pomeranian University of Technology in Szczecin. He took a Master's Degree in Fish Parasitology. Seb began his career as an aquarist volunteering at the John G. Shedd Aquarium in Chicago, USA. In 2007 Seb began working as an Aquarist at The Deep, he specialises in coral husbandry. Seb is passionate about coral conservation and has worked with SECORE, an organization that works on endangered corals and promoting worldwide coral reef conservation.

Callum Roberts: Professor Marine Conservation, University of York

Callum's research focuses on threats to marine ecosystems and species, and on finding ways to protect them. His main research interests include documenting impacts of fishing on marine life, both historic and modern, and exploring the effectiveness of marine protected areas for conservation and fisheries management purposes. For 25 years he has used his science background to make the case for stronger protection for marine life at both national and international levels. His award winning book, *The Unnatural History of the Sea*, charts the effects of 1000 years of exploitation on ocean life. His second book, *Ocean of life: how our seas are changing*, shows that oceans are changing faster and in more ways than at any time in human history. His research team provided the scientific underpinning for half a million square kilometres of marine protection in the North Atlantic that was established at the OSPAR ministerial meeting in September 2010. Callum is currently working with the UN Ocean Sanctuary Alliance and 10 x 20 initiative to encourage nations to meet their commitments to establish at least 10% of their seas as marine protected areas by 2020. He is on the Board of Blue Marine Foundation and is science advisor for the BBC's forthcoming flagship series Blue Planet II. He was made a Pew Fellow in Marine Conservation in 2000.

Alex Rogers: Professor Conservation Biology, Department of Zoology, Oxford University

Alex Rogers is Professor of Conservation Biology at the Department of Zoology and a Fellow of Somerville College, University of Oxford. He has a degree in Marine Biology, University of Liverpool, and a Ph.D. in the genetics and taxonomy of marine invertebrates. In his early career Alex held Research Fellowships at the Marine Biological Association, Plymouth and at the University of Southampton's National Oceanography Centre. He led the Core Programme on Biodiversity at British Antarctic Survey and then moved to the Institute of Zoology, Zoological Society of London, to become a reader in marine ecology. Alex is currently a Commissioner for the International Commission on Land Use Change and Ecosystems for the Global Legislators Organisation for a Balanced Environment (GLOBE International). He has recently been the Chair of the SCOR Technology Panel on New Technologies for Observing Marine Life and is a UK representative on InterRidge Steering Committee. Alex is the Marine Invertebrate Red List Authority for the IUCN Red List (Species Survival Commission) and is a member of the Marine Conservation Sub-Committee and Invertebrate Conservation Sub-Committee of the SSC. Alex is also the Scientific Director of the International Programme on State of the Ocean (IPSO).

Jo Ruxton: Producer, Plastic Oceans

Jo Ruxton joined the BBC Natural History Unit in 1997 after working for the World Wildlife Fund in Asia for 7 years, she was part of the celebrated *The Blue Planet* team. Over the past 18 years she has been involved in numerous underwater filming projects around the world, from Antarctica to the pristine reefs of the Caribbean and the Pacific Ocean. After leaving the BBC, Jo decided to produce a documentary feature, *A Plastic Ocean*, after initially hearing about the plastic problem in 2009 and began raising the funds to start the filming and the film was released globally in January 2017. She co-founded the Plastic Oceans Foundation 7 years ago to take the message of the film beyond its release through three main strands; Science & Policy, Business & Sustainability and Education & Conservation.

Margaret Salmon: Artist

Margaret Salmon creates film portraits that weave together poetry and ethnography. Often focusing on individuals in their everyday environments, her films capture the minutiae of daily life and infuse them with gentle grandeur, emotional intensity and formal abstraction. Adapting techniques from various cinematic movements, such as Free Cinema, the European Avant Garde and Italian Neo-Realism, Salmon's orchestrations of sound and image introduce formal lyricism and abstraction into the tradition of realist film. Margaret Salmon won the first Max Mara Art Prize for Women in 2006. Her work was shown at the Venice Biennale in 2007 and the Berlin Biennale in 2010 and has been featured in solo and group exhibitions as well as film festivals internationally. <http://margaretsalmon.info/>

Alice Sharp: Director, Invisible Dust

Alice Sharp is the founder, Curator and Director of Invisible Dust. She has worked as a curator of artist's projects in public spaces since 1997, including *View Tube Art* next to the London 2012 Olympic stadium, and *Bicycle Wheel*, a series of artist commissions with Gavin Turk and Ben Wilson, Kobberling&Kaltwasser, Colin Priest and the Bicycle Thieves. Commissions for *View Tube Art* also included Lisa Cheung creating a permanent garden sculpture *Summer Palace* as part of a sustainable vegetable garden. Alice managed the Fourth Plinth programme, managing the shortlist of Jeremy Deller, Tracey Emin, Bob & Roberta Smith, Anish Kapoor, Antony Gormley and Yinka Shonibare and then planning large-scale commissions by Antony Gormley and Yinka Shonibare for Trafalgar Square.

Ana Stanic: EU Lawyer

Ana Stanić is an English Solicitor Advocate and an Honorary Lecturer at the Centre of Mining and Natural Resources at the University of Dundee. She is the founder of E&A Law Limited, an innovative law firm which combines energy specialism with expertise in EU law and international law. She advises on large infrastructure projects and cross-border transactions and regularly represents states, companies and international organisations including in respect of maritime boundary disputes, complex inter-state and investor-state disputes. She has also appeared before the European Court of Justice and regularly advises on questions of EU law. Ana has a LLM from Cambridge University, UK and a LLB and B. Commerce (Finance and Banking) from the University of New South Wales, Australia. In 2015 she joined 13 other women on a 25-day sailing trip from Brazil to Guyana to measure the amount of micro-plastic in the ocean. She has been a Trustee of Resurgence since 2010, loves sailing and also dabbles in ceramics.

Professor David Starkey: Maritime History, University of Hull

Professor Starkey is editor-in-chief of the *International Journal of Maritime History*, and Founding Director of the Maritime Historical Studies Centre at the University of Hull. Some time ago, when Britain still had shipping and shipbuilding industries, he was awarded a PhD by the University of Exeter for his thesis on 'British Privateering, 1702-1783'. He was Europe's first Lecturer in Maritime History when he joined the University of Hull in 1994. Now Professor of Maritime History at Hull, Starkey's research interests embrace all aspects of humankind's relationship with the sea, particularly shipping, seafaring, piracy, privateering and the fisheries in the North Atlantic region since the late seventeenth century. Among his published works are *British Privateering Enterprise in the 18th Century* (Exeter UP, 1990), *Global Markets: The Internationalization of the Sea Transport Industries since 1850* (IMEHA, 1998), *Shipping Movements in the UK, 1871-1913* (Exeter UP, 1999), *England's Sea Fisheries* (Chatham, 2000), *Oceans Past* (Earthscan, 2007) and *A History of the North Atlantic Fisheries* (Deutsches Schiffahrtsmuseum, 2 volumes, 2009 and 2012). Starkey was Head of the Department of History from 2011 to 2016, and is now Academic Manager of the Faculty of Arts, Cultures and Education.

Marcela Teran: Art and Editorial Coordinator, Greenpeace

Marcela is a passionate designer and creative comms specialist interested in the role of art, design and creativity in facilitating and empowering positive change. Marcela is part of the Art and Editorial team at Greenpeace UK, helping translate complex environmental issues into clear and powerful communications. She project manages the production of campaign creative concepts, visual identities, campaign materials and the art direction of creative actions for the Oceans campaign. This often involves collaborating with artists, illustrators, designers and other specialist practitioners as well as developing and designing creative outputs in-house for internal and external audiences. Recently, she led a collaboration between Greenpeace UK and world renowned sculptor Jason deCaires Taylor which entailed the striking installation of a 2.5 tonne bespoke sculpture in front of the headquarters of Coca-Cola in London, in protest at the company's role in ocean plastic pollution. She is also currently leading a collaboration with award-winning artist Mandy Barker who joined Greenpeace's ship Beluga II on a scientific expedition across the Scottish coast. Marcela's background is in Graphic design, she has an MA in Design and Environment from Goldsmiths College and over 8 years experience in the design and creative fields with a particular focus on social and environmental justice.

Bik Van der Pol: Artists

Since 1995, Liesbeth Bik and Jos van der Pol have worked collaboratively as Bik Van der Pol, living and working in Rotterdam (NL). Through their practice Bik Van der Pol aim to articulate and understand how art can produce a public sphere and space for speculation and imagination. This includes forms of mediation through which publicness is not only defined but also created. Their work follows from research of how to activate situations as to create a platform for various kinds of communicative activities. Bik Van der Pol's mode of working consists of setting up the conditions for encounter, where they develop a process of working that allows for continuous reconfigurations of places, histories and publics. Their practice is site-specific and collaborative, with dialogue as a mode of transfer; a "passing through", understood in its etymological meaning of "a speech across or between two or more people, out of which may emerge new understandings". They consider the element of "passing through" as vital. It is temporal, and implies action and the development of new forms of discourse. Their practice is both instigator and result of this method.

<http://bikvanderpol.net/>

John Wedgwood Clarke: Artist and Writer

John Wedgwood Clarke is an award-winning poet and prose non-fiction writer who regularly collaborates on interdisciplinary projects with artists, curators and scientists. Recent residences, commissions and projects have included a Leverhulme Trust Artist's Residency at the Centre for Environmental and Marine Sciences, University of Hull; a 'Celebrating Place' commission from Chrysalis Arts; and an Arts Council writing award for a project titled 'Dump', about landfill sites, midden and mounds. In 2016 he was commissioned by Surrey Arts to write a new sequence of poems for the Greensand Way, and in 2015 was commissioned, along with Rob Mackay to produce 'Resounding Mulgrave' for the Dictionary of Stone project. He is co-artistic director of the Cultural Olympiad project Sea Swim and their touring exhibition 'Head above Water: A Swimmer's Perspective of the Coast'. In 2014 he was

lead writer for York Curiouser, making new poems of the 'snickleways' of York. In 2016 he presented the BBC1 and BBC4 documentary 'Books That Made Britain' and will present a new documentary on Larkin and Photography for BBC4 in 2017. He lectures in English and creative writing at the University of Hull. He has won and been shortlisted for a number awards and prizes including: National Poetry Competition, Stokestoun International Poetry Prize, Poetry London Competition, Wigtown Poetry Competition and Manchester Poetry Prize. His poems have appeared in Poetry Review, The New Statesman, PN Review, Poetry Wales, Poetry Ireland, Oxford Poetry, The Guardian, Fulcrum, The Wolf, Best British Poetry 2012, Advances in Marine Biology and many others.

Lucy Wood: International Programme Producer, Invisible Dust

Lucy is a creative producer managing public arts programmes with a focus on climate change, oceans, food and migration, most recently as Director of Environmental Arts Charity, Cape Farewell. In the lead up to the COP21 in 2015, Lucy oversaw the global festival ArtCop21, generating 554 major cultural events on climate across 54 countries. With a deeply-held interest in environmental issues and sustainability, she brings the ideas and drive to build arresting national and international campaigns. Lucy has written for various publications including *the Guardian*, *Writing in Education*, *Birmingham Post*, *Run Riot* and *PQ Magazine*.

SOUNDING THE SEA

Sounding the Sea is part of exhibitions **Offshore: Artists explore the sea** curated by Invisible Dust at Ferens Gallery and Hull Maritime Museum, and **Somewhere Becoming Sea** curated by Steven Bode, supported by Film and Video Umbrella at Humber Street Gallery.

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