

NATURAL ENVIRONMENT & CLIMATE ADAPTION

Focus of the event:

- Protecting, maintaining and enhancing our Natural Environment
- Managing Land and Water Sustainably
- Biodiversity Net Gain and Nature Recovery
- Investment (GM Environment Fund, IGNITION)
- Communications and engagement (Urban Pioneer & Natural Environment)
- Resilience (Climate Change Mitigation and Adaption)

Time	MAIN SESSIONS	LIVE WEBINARS & SPOTLIGHT SESSIONS
08:00		
09:00		
09:30	<p>Welcome address from Bethan and Anita of the Youth Combined Authority and Andy Burnham, Mayor of Greater Manchester</p> <p>Bethan Heatley and Anita Okunde from the Youth Combined Authority, join Andy Burnham, Mayor of Greater Manchester and as they introduce the week of events for this years Greater Manchester Green Summit 2020 including today's programme focused on the natural environment and our work on climate adaptation.</p>	
09:35	<p>Keynote</p> <p>Emma Howard Boyd, Chair of the Environment Agency (EA)</p> <p>Emma will be talking about the global challenges of the climate crisis and ecological emergency, the changes the Environment Bill will bring, how the EA is contributing to this agenda nationally, engaging, motivating and empowering young people to get involved in the green future of Greater Manchester.</p>	

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10:00	<p>YCA Workshop: Greenspace By young people for young people..... Join members of the Youth Combined Authority and find out all about the amazing green spaces we have around us, the benefits to maintaining them and the benefits for our health and wellbeing,</p>	<p>Catchment Systems Thinking (CaST) Caring for our Water, Land and Communities United Utilities</p> <p>Join United Utilities as they discuss the development of the unique and innovative Catchment Systems Thinking approach to understand catchments and the needs of customers and stakeholders. This approach considers what is best for the environment and communities, integrates risks and drives multiple natural capital benefits. Through a Catchment Systems Thinking approach we can also develop better ways of working through co-governance, collaboration and partnerships, share investment and risk, reduces uncertainties around catchment management and promote natural capital and environmental stewardships.</p>
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10:15		<p>Carbon Landscape Partnership Lancashire Wildlife Trust</p> <p>Join the Lancashire Wildlife Trust as they showcase the scale of restoration and community engagement efforts and links with industrial heritage of Greater Manchester</p>

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10:30	<p>Seeing Is Believing West Gorton Community Park Eco-tour</p>	
10:35	<p>Join GrowGreens delivery partners and local community members as they introduce Manchester's newest park in West Gorton - The Park That Drinks Water. This EU Horizon 2020 funded project is the first in the city-region to use an extensive range of nature based solutions in a public community space for the purpose of adapting to the impacts of climate change. The eco-tour will explain how the park's features work including rain gardens, swales, permeable paving, bio retention tree pits and planting schemes. You'll also hear from members of the local community, who have been involved in the scheme since its inception, and their aspirations for the space.</p>	
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10:50	BREAK	
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11:05	<p>Update on the work of the Natural Capital Group Anne Selby Chair & CEO, The Wildlife Trust for Lancashire, Manchester and North Merseyside will be providing an update on the work of the multi-partner Natural Capital Group <i>and join us for</i> the first screening of our Natural Environment Film: Putting Nature at the Heart of Greater Manchester</p>	
11:10		<p>Innovative Funding Opportunities for Implementing Natural Flood Management The Rivers Trust</p> <p>Join the Rivers Trust as they discuss innovative funding options for natural flood management and explore if natural capital investment can fund nature recovery at the scale and pace that is required in Greater Manchester.</p>
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11:20	<p>Delivering Biodiversity Net Gain and wider benefits through a Local Nature Recovery Strategy GMCA and Natural England</p>	
11:25	<p>This session will introduce you to:</p> <ul style="list-style-type: none"> - the Local Nature Recovery Strategy and how it will support delivery of the objectives set out in the Greater Manchester 5-Year Environment Plan; and - the Ecological Network model that has been developed as an example of existing work that will help shape the Local Nature Recovery Strategy. 	
11:30	<p>Plus an introduction to Biodiversity Net Gain as a key tool to make use of and deliver the Local Nature Recovery Strategy.</p>	<p>Green Spaces and Environmental Transformation: Protecting our future together in Wigan Borough.</p> <p>This short film will introduce you to Wigan's climate agenda and their transformative plan for the Borough including:</p> <ul style="list-style-type: none"> - the Naturalising the Borough project; - the importance of environmental education; and - our health, greenspaces and the wider environment
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11:50		<p>National Flood Management at the Smithills Estate: Testing the effectiveness of 25 structural interventions on reducing flood risk for the downstream community of Smithills in Greater Manchester</p>
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12:00	<p>Microplastics in Manchester's Rivers: Understanding the Processes and Tackling the Problem University of Manchester</p>	
12:05	<p>From a survey of 10 rivers across Greater Manchester, researchers at The University of Manchester were the first to recognise that UK river beds could be very heavily contaminated with microplastics. This study also showed that floods could transport huge numbers of microplastics to the oceans. Why should we be concerned about microplastics in our rivers? This spotlight session will review recent findings in the rivers of Greater Manchester and explain some of the key issues and processes involved. It will set out an agenda to tackle the problem in light of a new collaboration between The University, GMCA, The Environment Agency and United Utilities as part of the Natural Course EU LIFE Integrated Project.</p>	<p>Ecological Network Modelling Tool As part of the EU Natural Course LIFE project, Natural England has been developing an integrated ecological network tool to model wetland and woodland ecological connectivity and identify priorities for habitat creation and restoration. Natural England</p>
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12:30	LUNCH BREAK	<p>Nature based solutions for the Climate Emergency IGNITION</p> <p>Find out more on the IGNITION project, and how it is looking at new ways to finance nature based solutions to improve our resilience to the impacts of climate change.</p> <p>This session will talk you through the all the benefits we get from green infrastructure in our urban areas – from parks and green spaces, to sustainable drainage systems and green roofs – and how we’re going to use that to get more of each of them in Greater Manchester”</p>
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12:55	<p>My Wild City Lancashire Wildlife Trust</p>	
13:00	<p>As we continue to navigate a path through the pandemic this session explores:</p> <p>My Wild Garden - Join the Lancashire Wildlife Trust from Moss Bank Park in Bolton, as they talk to us about the importance of staying connected with nature and online engagement during lockdown; the challenge of sustainable engagement/management of greenspace; the</p>	
13:05	<p>results from the recently published Nearby Nature survey; and partnership work with Bolton Council to pilot new approaches.</p> <p>Plus discover.....</p>	
13:10	<p>My Place - Learn all about this amazing initiative that started in 2016 as a partnership between the Lancashire Wildlife Trust and Lancashire Care NHS Foundation Trust. This innovative flagship wellbeing project recognises the power and importance of local green spaces for individual and community wellbeing and how green wellbeing programmes help nature's recovery and contribute to tackling the ecological and climate crisis.</p>	
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13:20	<p>Managing Land and Water: Join us for this 3-part session on.....</p> <p>DEFRA Peatland Pilot Join Natural England as they present the findings of the Peat Pilot including drone footage of key lowland peat sites that will give you a real feel for the geography and the issues at play. Plus tell us what you think about some of the communication messages being developed following the Peat Pilot. We'd love to get your feedback!</p>	
13:25	<p>and</p> <p>Building a City of Trees Watch as City of Trees take you on a journey through local woodland and discuss Greater Manchester's role in the Northern Forest, the importance of our trees and green spaces and how people can get involved in taking action across the city region at all levels and audiences from schools to developers.</p>	<p>Salford Stories Join us as we celebrate the city's greenspace and the people who live, work and play in there. It's time to discover #GreenSalford Featuring: Ordsall Hall Gardens, Peel Park, RHS Garden Bridgewater and Salford Wetland</p>
13:30	<p>All Our Trees Find out about the amazing things our trees can do for us</p>	

13:35	including locking up carbon, trapping air pollutants and creating homes for wildlife.	<p>Manchester Festival of Nature Hear from the Manchester Nature Consortium, a partnership of all the major conservation organisations in Greater Manchester, as they tell you all about the Manchester Festival of Nature, a celebration of the wildlife of Manchester.</p>	
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13:45		<p>My Place: Aligning People in Natures Recovery Lancashire Wildlife Trust</p> <p>Join us as we talk to you in more depth about this amazing initiative that started in 2016 as a partnership between the Lancashire Wildlife Trust and Lancashire Care NHS Foundation Trust.</p> <p>Myplace works to actively engage people with nature using the 5 ways to wellbeing.</p> <p>This innovative flagship wellbeing project recognises the power and importance of local green spaces for individual and community wellbeing and how green wellbeing programmes help natures recovery and contribute to tackling the ecological and climate crisis.</p>	
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14:30			<p>NATURAL ENVIRONMENT LIVE Question & Answer Session</p> <p>Join our panel of experts who will be answering your key questions from the day</p> <p>Anne Selby, CEO of Lancashire Wildlife Trust & Chair of the GM Natural Capital Group Mark Easedale, Area Environment Manager, Greater Manchester from the EA Jo Holden, Sustainability Manager from Peel Land and Property Group Management Limited Ginny Hinton, Area Manager for Natural England's Cheshire to Lancashire Area Team Sarah Jenner, Head of Environmental Strategy and Regulation at United Utilities</p>
14:35			<p>Extinction: What Our Young People Think Inspired by the woolly mammoth discovery. The Spotlight Troupe circus visit lost worlds, climate change and extinction and share their thoughts on extinction to lockdown.</p>
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15:00	CLOSE	