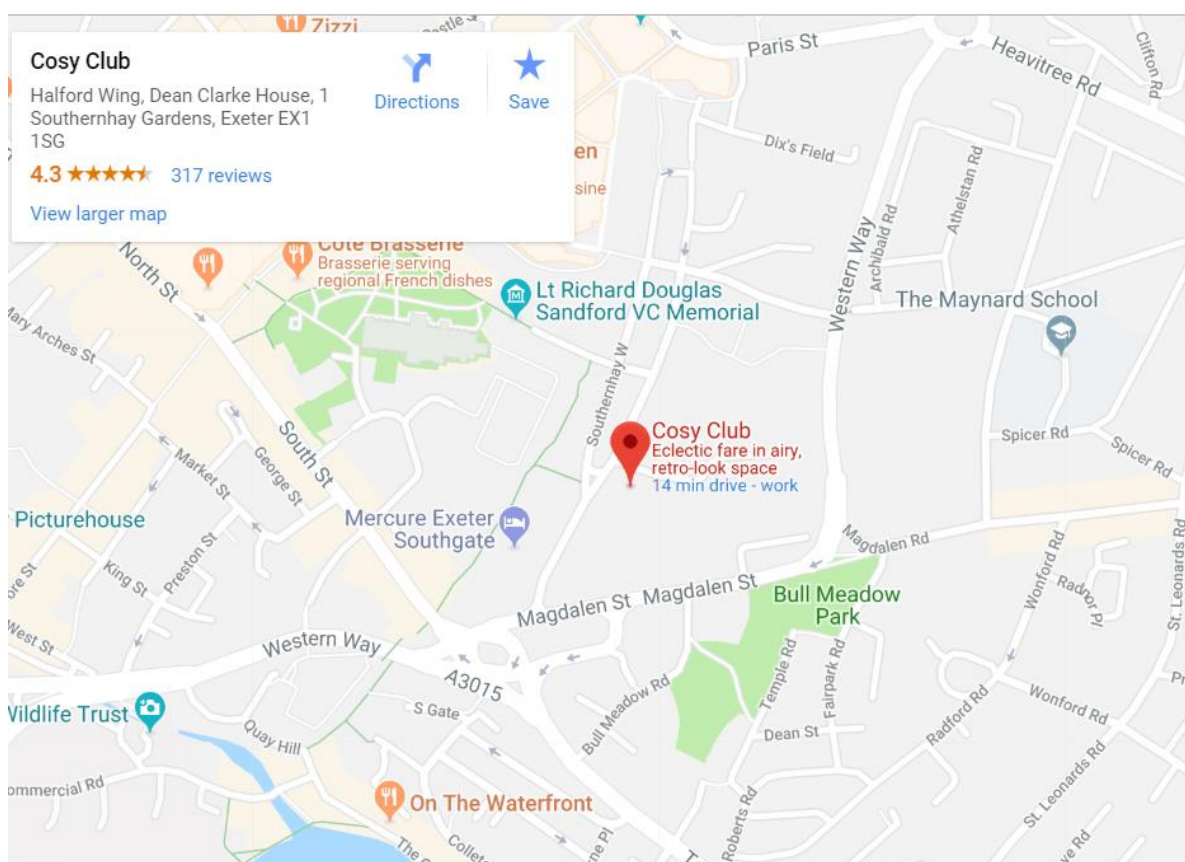


## Day 1: 9<sup>th</sup> July 2018

<p><b>9.00 – 10.30</b> Conf. Room 1 <b>Level 2</b></p>	<p>Plenary 1: UKESM1 model launch and release session:</p> <ul style="list-style-type: none"> <li>• <b>Colin Jones (NCAS): The UKESM project and the UKESM1 model - 10 mins</b> <a href="#">Click-to-access-the-presentation</a></li> <li>• <b>Alistair Sellar (MOHC): Initial results from the UKESM1 CMIP6 DECK + historical simulations - 30 mins</b> <a href="#">Click-to-access-the-presentation</a></li> <li>• <b>Jane Mulcahy (MOHC): Atmospheric processes and performance in UKESM1 - 20 mins</b> <a href="#">Click-to-access-the-presentation</a></li> <li>• <b>Fiona O'Connor (MOHC): Atmospheric chemistry processes and performance in UKESM1 - 20 mins</b> <a href="#">Click-to-access-the-presentation</a></li> <li>• Q&amp;A - 10 mins</li> </ul>
<p><b>10:30 – 11.00</b> Balcony</p>	<p>Coffee</p>
<p><b>11.00 – 12.15</b> Conf. Room 1</p>	<p>Plenary 1 cont.: UKESM1 model launch and release session:</p> <ul style="list-style-type: none"> <li>• <b>Till Kuhlbrodt (NCAS): Physical Ocean &amp; sea-ice processes and performance in UKESM1 - 20 mins</b> <a href="#">Click-to-access-the-presentation</a></li> <li>• <b>Julien Palmieri (NOC): Ocean biogeochemistry in UKESM1 - 20 mins</b> <a href="#">Click-to-access-the-presentation</a></li> <li>• <b>Chris Jones (MOHC): Terrestrial biogeochemistry in UKESM1 - 20 mins</b> <a href="#">Click-to-access-the-presentation</a></li> <li>• Q&amp;A - 15 mins</li> </ul>
<p><b>12.15 – 13.45</b> Balcony</p>	<p>Lunch and Posters:</p> <p><i>Poster list (with presenters in bold):</i></p> <ul style="list-style-type: none"> <li>• <i>ESMValTool: Diagnostics and Performance Metrics for Earth System Model Evaluation: <b>Ranjini Swaminathan (NCEO)/Val Predoi (NCAS)</b></i></li> <li>• <i>Processing and delivering data for UK-CMIP6: <b>Jeremy Walton (MOHC)</b></i></li> <li>• <i>UK Earth System Model Evaluation: <b>Rob Parker (NCEO)</b></i></li> <li>• <i>Land use change in UKESM1: <b>Eddy Robertson (MOHC)</b></i></li> <li>• <i>Aerosols and Aerosol radiative forcing in UKESM1: <b>Jane Mulcahy (MOHC)/Steve Rumbold(NCAS)</b></i></li> <li>• <i>UKESM related activities at CEH: <b>Doug Kelley (CEH)</b></i></li> <li>• <i>UKESM relevant research at CPOM poster: <b>Vicky Lee (U. Bristol)</b></i></li> <li>• <i>UKESM relevant research at PML poster: <b>Lee de Mora (PML)</b></i></li> <li>• <i>UKESM relevant research at BAS poster: <b>Antony Sijaahan (BAS)</b></i></li> </ul>
<p><b>13.45 – 15.00</b> Conf. Room 1</p>	<p>Plenary 2: UKESM-LTSM project meeting:</p> <ul style="list-style-type: none"> <li>• <b>Jeremy Walton (MOHC): UKESM1 release and CMIP6 simulation and data plans - 20 mins</b> <a href="#">Click-to-access-the-presentation</a></li> <li>• <b>Robin Smith (NCAS): Progress with coupled ice sheets in UKESM1 - 20 mins</b> <a href="#">Click-to-access-the-presentation</a></li> <li>• <b>Marc Stringer (NCAS): Progress with UKESM1-hybrid - 20 mins</b> <a href="#">Click-to-access-the-presentation</a></li> <li>• Q&amp;A - 15 mins</li> </ul>
<p><b>15.00– 15.30</b> Balcony</p>	<p>Coffee</p>

<p><b>15.30 – 17.30</b> Conf. Room 1</p>	<p>Plenary 2 cont.: UKESM-LTSM project meeting: <i>6x15 min presentations:</i></p> <ul style="list-style-type: none"> <li>• <b>Rosalyn Hatcher (NCAS-CMS): Running UKESM on National HPC</b> <a href="#">Click-to-access-the-presentation</a></li> <li>• <b>Richard Pope (NCEO): Evaluation of UKCA atmospheric composition using satellite observations and investigation of potential model limitations</b> <a href="#">Click-to-access-the-presentation</a></li> <li>• <b>Garry Hayman (CEH): Atmospheric Deposition in UKESM: Recent progress and plans</b> <a href="#">Click-to-access-the-presentation</a></li> <li>• <b>Adrian Jenkins (BAS): Parameterisation of ice shelf melt rates for UKESM: how and why?</b> <a href="#">Click-to-access-the-presentation</a></li> <li>• <b>Rob Parker (NCEO): Evaluating year-to-year anomalies in tropical wetland methane emissions using satellite CH4 observations</b> <a href="#">Click-to-access-the-presentation</a></li> <li>• <b>Lee de Mora (PML): Recent advances in modelling marine biogeochemistry at PML</b> <a href="#">Click-to-access-the-presentation</a></li> </ul> <p>• <i>Break out plans for day 2 (including 2 mins from each break out leads on what is planned for each session) - ~30 min</i></p>
<p><b>17.45</b></p>	<p>Bus to Conference dinner (outside the Met Office)</p>
<p><b>18.30</b></p>	<p>Meeting dinner at Cosy Club Exeter: 1 Southernhay Gardens, Dean Clarke House, Exeter, EX1 1SG <a href="http://www.cosyclub.co.uk">www.cosyclub.co.uk</a></p>



<https://goo.gl/maps/m8DPMInStTv>

## Day 2: 10<sup>th</sup> July 2018

<p><b>9.00 – 10.15</b> Conf. Room 3&amp;4 <b>Level 2</b></p>	<p>Plenary 3: Invited talks:</p> <ul style="list-style-type: none"> <li>• <b>Peter Cox</b> (<i>U. Exeter</i>): <i>Emergent Constraints on Equilibrium Climate Sensitivity from Global Temperature Variability</i> - 30 min <a href="#">Click-to-access-the-presentation</a></li> <li>• <b>Julie Deshayes</b> (<i>LOCEAN-IPSL</i>): <i>An oceanographer's view on the future of Earth System Modelling</i> - 30 min <a href="#">Click-to-access-the-presentation</a></li> <li>• <i>Sort out break out groups</i> - 10 min</li> </ul>
<p><b>10.15 -10.45</b> The Street <b>Ground level</b></p>	<p>Coffee</p>
<p><b>10.45 – 15.30</b> 4 rooms available:</p> <p>-Conf Room 3 (35 p) &amp; Conf Room 4 (25 p) <b>Level 2</b></p> <p>-BG-2 (21 p) &amp; FG-4 (10 p) <b>Ground level</b></p>	<p><i>Break out groups should consider all or some of: UKESM1 analysis, evaluation, processes and future process priorities as well as science with UKESM1 and other ESMs. Break out coordinators should plan something for the session and give a maximum 2 min outline of what will be discussed at the end of day 1.</i></p> <p><b>Session 1: 10.45 -11.45</b></p> <ul style="list-style-type: none"> <li>• <i>Atmosphere: Jane M</i> - Conf Room 3 (35 p) <b>Level 2</b></li> <li>• <i>Land: Rich E</i> - Conf Room 4 (25 p) <b>Level 2</b></li> <li>• <i>Ocean and sea-ice: Colin J</i> - BG-2 (21 p) <b>Ground level</b></li> <li>• <i>Ice Sheets I: UKESM-IS in ISMIP6: Robin S</i> - FG-4 (10 p) <b>Ground level</b></li> </ul> <p><b>Session 2: 11.45 – 12.45</b></p> <ul style="list-style-type: none"> <li>• <i>Coupled climate- biogeochemical cycles and feedbacks I (ocean-atmosphere emphasis): Alistair S</i> - Conf Room 3 (35 p) <b>Level 2</b></li> <li>• <i>Land-atmosphere interactions: Rob P</i> - Conf Room 4 (25 p) <b>Level 2</b></li> <li>• <i>Supporting community users of UKESM1 models: Jeremy W</i> - BG-2 (21 p) <b>Ground level</b></li> <li>• <i>Ice sheets II: UKESM-IS for Antarctica: Robin S</i> - FG-4 (10 p) <b>Ground level</b></li> </ul>
<p><b>12:45 – 13.45</b> The Street</p>	<p>Lunch</p>
<p><b>13.45 -15.00</b> 4 rooms available:</p> <p>-Conf Room 3 (35 p) &amp; Conf Room 4 (25 p): <b>Level 2</b></p> <p>-FG-6 (8 p) &amp; BG-1 (8 p): <b>Ground level</b></p>	<p><b>Session 3: 13.45 -15.00</b></p> <ul style="list-style-type: none"> <li>• <i>Coupled climate-biogeochemical cycles and feedbacks II (land-atmosphere emphasis): Doug K</i> - Conf Room 3 (35 p) <b>Level 2</b></li> <li>• <i>Evaluation tools: Val and Lee</i> - Conf Room 4 (25 p) <b>Level 2</b></li> <li>• <i>Ice sheets III: Sea level projections and future work with UKESM-IS: Robin S</i> - FG-6 (8 p) <b>Ground level</b></li> </ul> <p><b>IAB meeting</b> (occurring in parallel to Break-out groups above) with members of the Advisory Board: <b>Peter Cox, Chris Jones, Catherine Ritz, Julie Deshayes</b> and <b>Stephen Plummer</b>. - BG-1 (8 p) <b>Ground level</b></p>
<p><b>15.00 – 15.30</b> The Street</p>	<p>Coffee</p>
<p><b>15.30 – 17.00</b> Conf. Room 3&amp;4 <b>Level 2</b></p>	<p>Plenary 4: Discussion, meeting wrap up, future plans and meetings etc <i>e.g. any important feedback from break-out groups, feedback from IAB, changes in future plans due to outcomes of meeting, open discussion ++</i></p>