



Working Party Research Topic/Title/Vision: -	<p>A study on the Impact of Climate Perils on Mortality and Morbidity.</p> <p><b>Vision</b></p> <ul style="list-style-type: none"> <li>- To reach a consensus on best practise on modelling and data standard relevant to the impact of climate change on mortality and morbidity.</li> <li>- Provide guidance for actuaries in assessing effects of climate change on mortality and morbidity</li> </ul>
Practice Area Research Committee Member Shadow:-	Sustainability Board - Stuart Gray
Source of idea/"Initiator":-	WP/Sustainability Board
Working Party Chair:-	Eric Dei Ofosu-hene
What issue is this research topic trying to address:-	<ul style="list-style-type: none"> <li>- Determine the geographical location of initial interest. We expect the UK to be the group's focus.</li> <li>- Identify the material climate change hazards in respect of mortality and morbidity risk and determine which ones will be (initially) assessed</li> <li>- What reliable research is available in respect of the hazards to be addressed?</li> <li>- How do users of mortality and morbidity assumptions adjust their assumptions to allow for climate change?</li> <li>- Share research and insights with other groups and work collaboratively on this topic.</li> </ul>
<p>Who will be the audience for this research:-</p> <p><i>(We need to understand who we believe this research will be of interest to - to ensure we have an end consumer for the research)</i></p>	Insurance Industry & IFOA Membership, Academic, Regulators and Policy Makers.
What do we see as being the output/deliverables of this research:-	<ul style="list-style-type: none"> <li>A. Report referencing key hazards for mortality and morbidity and explanation.</li> <li>B. Report providing sources of effect of key hazards on mortality and morbidity and a short summary.</li> <li>C. Report providing a range of adjustments to mortality and morbidity assumptions that users may wish to incorporate when considering the effects of climate change (this could include some sample models)</li> <li>D. Statement of further work recommended.</li> <li>E. Blog (mixture of topics inc reviews, analysis, progress - not intended as onerous) with frequency to be agreed.</li> </ul>
What are the timescales of this research: -	<ul style="list-style-type: none"> <li>A. 6 months</li> <li>B. 12 months</li> <li>C. 24 months</li> <li>D. 24 months</li> <li>E. Frequency to be agreed</li> </ul>
What previous work has been done in this area recently, within the profession please email <a href="mailto:libraries@actuaries.org.uk">libraries@actuaries.org.uk</a> , other professions/academia:-	<p>IFoA risk alert, IFoA practical guides,</p> <ul style="list-style-type: none"> <li>- Life Research Climate Change WG, Resource and Environment Issues: A Practical Guide for Defined Benefit Pensions Actuaries.</li> </ul>



Institute  
and Faculty  
of Actuaries

	<p>- A Practical Guide to Climate Change for Life Actuaries. [to discuss with SG]</p>
<p>Will 3<sup>rd</sup> party data be used? If so a protocol will be developed to support you</p>	<p>No</p>
<p>Proposed membership:-  <i>The IFoA is registered as a Data Controller in terms of the Data Protection Act 1998. The contact details provided (i.e. names and email addresses) will be shared among the members of this working party, the Practice Area Research Committee and the relevant Practice Area Board in relation to the research topic detailed above. The information provided will be used for the purposes of facilitating the completion of the proposed research. The IFoA will not pass your personal information to any other third party without your consent. If you would prefer that your details are not shared in this way, please contact a member of the Practice Executive (<a href="mailto:practice.executive@actuaries.org.uk">practice.executive@actuaries.org.uk</a>)</i></p>	<p>David Gray, Mary Hall, Jonathan Harris, Lisanne Horvat-Gitsels, Hande Love, Richard Morris, Eric Dei Ofosu-Hene, Gareth W. Peters, Chris Tavener, Vicky Webb.</p>
<p>Additional volunteers required:-</p>	<p>Collaborate with wider groups including but not limited to American Society of Actuaries, Dutch Actuarial Association, ASSA, the Australian Actuaries Institute Climate and Sustainability Working Group (CSWG)</p> <p>Currently the WG welcomes this collaboration and inclusion of “external” volunteers within working group with potential issues noted below.</p> <p>Potential issues: Geographical scope Practical time zone Existing models used and aims of other groups</p>
<p>Frequency and type of meeting:-</p>	<p>Once in a month</p>
<p>Engagement with external stakeholders - Public Affairs will support and arrange for you</p>	<p>CMI IAIS</p>
<p>IFoA resource and support required:-  <i>The Practice Executive and Research and Knowledge teams can offer various levels of support during the life of your working party; however we would ask that a member of your working party be responsible for keeping minutes or action points from each of your meetings.</i>  <i>It is important that the working party provides updates to the <b>Practices Manager on an on-going basis</b>, preferably after every meeting. This will ensure that the Board and other committees are kept informed of the work of the working party.</i></p>	