



Working Party Research Topic/Title:-	To identify climate change issues for health & care actuaries
Practice Area Research Committee Member Shadow:-	Health and Care Research Sub-Committee member
Source of idea/"Initiator":-	Health & Care Board
Working Party Chair:-	Paul La Cock
What issue is this research topic trying to address:-	<p>Climate change has the potential to change significantly the economic and social landscape in which health and care companies operate, with implications for the work of health and care (H&C) actuaries today. There are currently few resources available to H&C actuaries, particularly to help them explain how these issues are relevant to their work and associated actuarial advice.</p> <p>The Resource & Environment (R&E) Board and H&C Board therefore jointly seek to establish a working party to:</p> <ul style="list-style-type: none"> - Identify climate change issues of relevance to H&C actuaries - Identify the main implications of these issues for the work of H&C actuaries. - Recommend topics that are most relevant to H&C actuaries where further in-depth research should be carried out which hasn't been done elsewhere. For example, topics could include: <ul style="list-style-type: none"> o Air quality o Food and water security o Temperature change o Extreme weather - To investigate potential gaps in the Life practical guide from an H&C perspective. Recommend if H&C needs a separate practical guide or does the Life guide cover H&C adequately to support the May 2017 Risk alert.
Who will be the audience for this research:- <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>	The primary audience will be actuaries working in the H&C sector.
What do we see as being the output/deliverables of this research:-	<p>A short paper to establish the key topics for the H&C practice area where further in-depth work would be a priority.</p> <p>To review the life climate change practical guide for potential gaps from an H&C perspective and to make recommendations:</p> <ul style="list-style-type: none"> - Whether a separate H&C practical guide is required - Or, list what further information should be added to the Life guide at future reviews to cover H&C fully.
What are the time scales of this research:-	6 months
What previous work has been done in this area recently, within the profession please email libraries@actuaries.org.uk , other professions/academia:-	The following document list is provided to the Working Party at the commencement of the project. In addition to this material the Working Party will collate its own list of material during the course of its work. It will incorporate this where appropriate into a list of further reading material within the final paper.



	<ol style="list-style-type: none"> 1. Risk alert – Climate-Related Risks 2. Climate Change for Actuaries: An Introduction 3. Resource and Environment Issues: A Practical Guide for Defined Benefit Pensions Actuaries 4. Climate Risk: A practical guide for actuaries working in Defined Contribution pensions 5. Resource and Environment Issues for Pension Actuaries: Implications for Setting Mortality Assumptions 6. Practical Guide to Climate Change for General Insurance Practitioners 7. Practical Guide to Climate Change for Life Actuaries 8. Bank of England: The impact of climate change on the UK insurance sector 9. NHS Sustainable Development Unit: Fit for the Future: Scenarios for low-carbon healthcare 2030 10. Club Vita report: Hot and Bothered? How climate change might affect UK longevity 11. UNEP Principles for Sustainable Insurance 12. WHO Climate change and health 13. TCFD final recommendations report and accompanying guidance 14. IFoA referencing guidance
<p>Will 3rd party data be used? If so a protocol will be developed to support you</p>	<p>No</p>
<p>Proposed membership:-</p> <p><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 (practice.executive@actuaries.org.uk)</i></p>	<p>4 – 5 members. Health and Care practitioners or those with knowledge of climate change</p>
<p>Additional volunteers required:-</p>	<p>No</p>
<p>Frequency and type of meeting:-</p>	<p>1-2 times per month, virtual, so no requirement to meet in person in any particular location.</p>
<p>Engagement with external stakeholders – Public Affairs will support and arrange for you</p>	
<p>IFoA resource and support required:-</p> <p><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></p> <p><i>It is important that the working party provides updates to the Practices Manager on an on-going basis, 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>	<p>Review by the R&E Board, Health and Care Research Sub-Committee and the Health and Care Board.</p>