



Appendix B: Interactive Mapping - Layers Explanation Note

Prepared for
Cotswold District Council

Date
XXX



COTSWOLD
District Council

Layer name	Explanation
Flood Zones	This layer displays Flood Zone 3b (functional floodplain) as delineated through the SFRA, as well as Flood Zone 3a and Flood Zone 2 from the Environment Agency's Flood Map for Planning - Flood Zones dataset.
Flood Zones plus climate change (EA)	This layer displays the Environment Agency's Flood Map for Planning - Flood Zones plus Climate Change dataset.
Fluvial Climate Change	This layer displays the future functional floodplain, as delineated through the SFRA, as well as the modelled flood outlines from the Environment Agency's detailed hydraulic models, where available. The 100-year event plus 30% climate change and 100-year event plus 43% climate change are shown. These correspond with the Central and Higher Central climate change peak river flow allowances for the Cotswolds Management Catchment.
Historic Flooding	This layer displays the Environment Agency's Historic Flood Map and Recorded Flood Outlines datasets. It also displays a layer which aggregates the historic flood incidents records of the Lead Local Flood Authority, Cotswold District Council, Thames Water, Severn Trent Water and Wessex Water to display the number of incidents per ward.
Reservoir Flooding	This layer displays the Environment Agency's Dry Day and Wet Day Reservoir Flood Extents datasets.
Flood Risk Management	This layer displays the Environment Agency's AIMS Spatial Flood Defences (inc. standardised attributes) dataset. The dataset has been filtered to show only raised flood walls and embankments and has been symbolised based on the asset condition score. The Environment Agency's Flood Map for Planning (Rivers and Sea) - Water Storage Areas, Flood Warning Areas and Flood Alert Areas datasets are also shown.
Working with Natural Processes (WwNP)	This layer displays the Environment Agency's Working With Natural Processes (WwNP) layers.
Risk of Flooding from Rivers and Sea (RoFRS)	This layer displays the Environment Agency's Risk of Flooding from Rivers and Sea (RoFRS) dataset.
Risk of Flooding from Surface Water (RoFSW)	This layer displays the Environment Agency's Risk of Flooding from Surface Water (RoFSW) dataset. The low

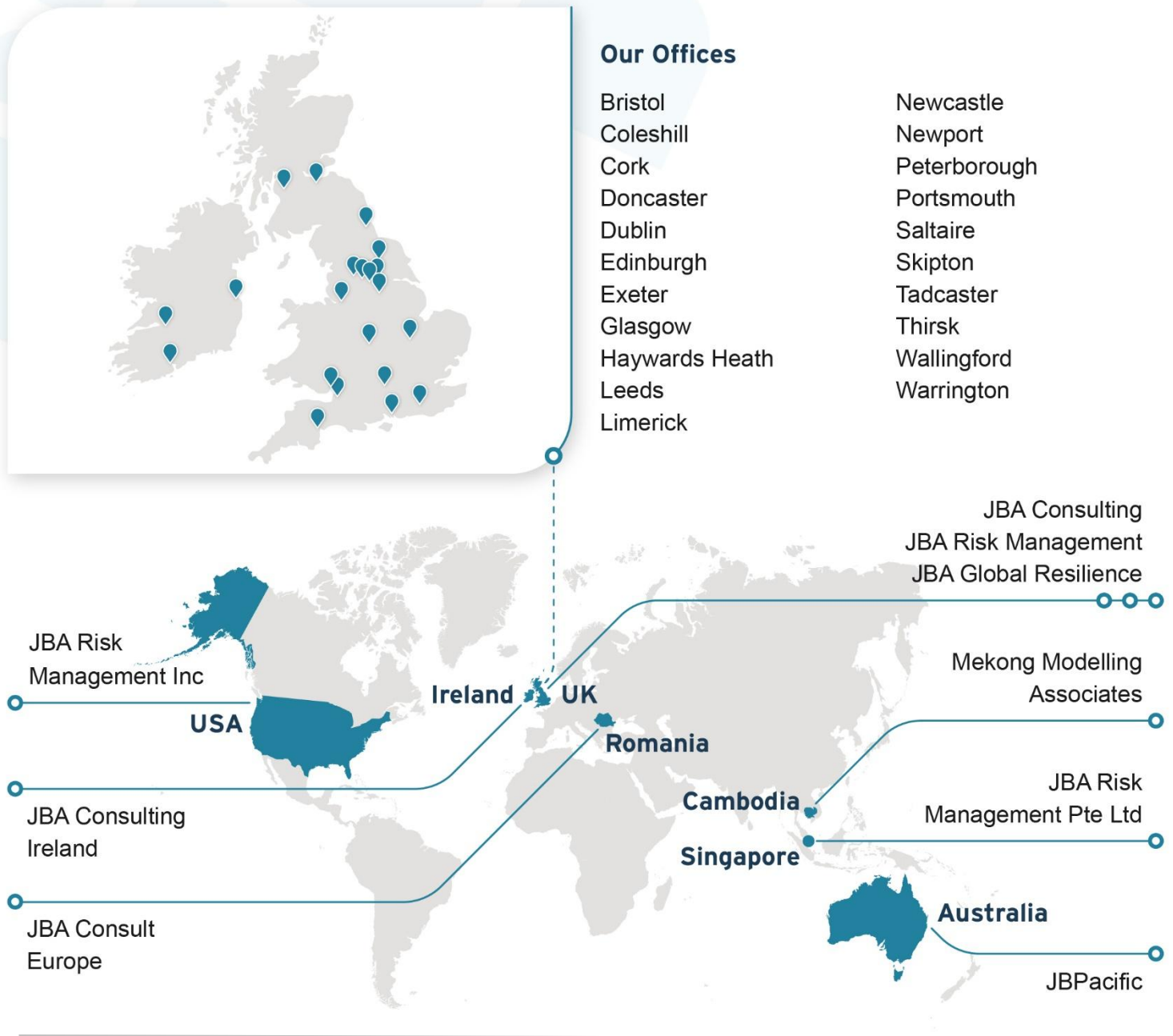
Layer name	Explanation
	risk flood extent can be used as a proxy for the medium risk plus climate change flood extent.
Groundwater Emergence	This layer displays JBA's Groundwater Emergency Map.
Bledington Brook 2012	This layer displays the modelled flood outlines from the Bledington Brook 2012 model*.
Churn (Baunton to Siddington) 2011	This layer displays the modelled flood outlines from the Churn (Baunton to Siddington) 2011 model*.
Daglingworth Stream FRA 2016	This layer displays the modelled flood outlines from the Daglingworth Stream FRA 2016 model*.
Windrush (Bourton-on-the-Water) 2014	This layer displays the modelled flood outlines from the Windrush (Bourton-on-the-Water) 2014 model*.
Thames (MRL to St Johns) 2014	This layer displays the modelled flood outlines from the Thames (MRL to St Johns) 2014 model*.

* In the legend of the modelled flood outline layers, Q100, Q100 + CC43 etc. refers to the fluvial 100-year and fluvial 100-year plus 43% climate change events. In hydrology, Q used to represent flow, so Q100 means the flow during a 100-year event.

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