Other influences Longer affecting term Impact: People and institutions in MENA are better able to prepare for and people's/institutions' ability to prepare and contribution respond to the effects of extreme weather, seasonal events and longer-term respond to climate climate change change **WISER Assumptions** Changes in outcomes demonstrating societal benefits (i.e. ex-post, effectiveness of response to using WCIS) and use of WCIS across PHENOMENAL sister pillars For end users, e.g. changes in food and For institutions, observed positive changes in economic Increased uptake and use of WCIS as a result of transformations across the value chain and/or non-economic value from plans, policies, water security, loss of life investments Changes in behaviour / in decisions-making / ability to act on and use WCIS Medium Outcome: Greater/improved use of WCIS term changes informing policy, planning and decision-making at regional, national and community level **WISER Assumptions** Possible influences affecting decision-making: perceptions of risk, trust, motivation, self-efficacy, cost, capacity, agency, incentives to uptake act; socioeconomic status; a wareness of an issue, personal experience, sense of urgency of being personally affected, social/behavioural/gender norms and roles; cognitive bias and heuristics; pre-existing knowledge and information bases; Pulling in and driving evidence supporting g the generation, livelihood constraints; decision-making models; power Near differentials; organisational cultures term changes Intermediate outcome: Intermediate outcome: Greater/better Greater/improved awareness of the value access to new and enhanced WCIS by of using WCIS in decision-making amongst users and intermediaries users Output 4: Strengthened Output 1: Strengthened cocollaboration and learning Output 3: Improved Output 2: production between within and between WISER policy and enabling Strengthened producers, intermediaries and other weather and environment for technical capacity and users to enhance the of NHMS & RCC to climate initiatives in MENA better understanding use of WCIS (across and globally and use of WCIS (e.g. deliver enhanced weather to climate increased resourcing) WCIS timescales) **WISER Assumptions** Support to producers, users and Supporting and Sensitise users Coordinate with Regional Climate intermediaries for costrengthening WCIS on the value humanitarian Centre & NMHS partnerships to production, including of WCIS through community to capacity catalyse an enabling enabling new and dialogue, support forecast strengthening innovative ways of communication and environment and based early action improving uptake and learning advocacy Possible use of WCIS Activitie

Enhanced & coproduced WCIS by NHMS/RCC are trusted and relevant for users WCIS are accessible and used by first mile & institutional users to make informed decisions with positive outcomes in response to climate change

Governments, donors, community groups in MENA recognise the potential and need to invest in co-produced WCIS that support the decision-making of users

Maximise systemic effects by working in greater collaboration across the WCIS space in MENA and globally

Needs