

SESSION: (C2) Research to operation (includes seamless prediction)

(C2-02)

Moving from concept to climate service; how we can meet the needs of a climate smart community

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While many of us know how to make a climate outlook, and what products our research could ultimately produce, the question of why we produce it is sometimes not front of mind. The "why" is ultimately to help decision makers in weather and climate sensitive sectors - from farmers to insurance pricers to governments – make better choices. This is where research becomes a climate service. The ultimate goal of a climate service is to take sometimes-complex climate science and raw model output, and convert that combination into true climate intelligence that can be easily interpreted by a non-specialist. But a climate service is not (just) a fancy web page or dazzling graphics. It involves supporting reliable, on-time, clearly communicated climate information that meets a clear and demonstrable user need. It can involve partnerships between users and met services or science agencies. We will aim to take you along the journey from the germ of an idea to its research phase and then the final climate service. Ultimately it should become clearer how people can make their research 'climate service ready.