

**Session Title: Impact of Climate Change Countermeasures on Civilization**

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Without a major effort in innovation in mitigation, our children and grandchildren will be confronted with vastly more challenging and quite possibly in many cases overwhelming adaptation challenges from a much less habitable planet. In particular, we have only a short time to mount a focussed global effort to rapidly phase out reliance on fossil fuels, particularly in energy generation. We already understand technically how to achieve much of that. But we will need much more determined and creative social innovation if we are to actually achieve the necessary transition.