

Air Pollution as a Climate Forcing, a workshop: East-West Center, Hawaii

## A Climate Talk in Helsinki

James Hansen

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I caved in when Anni Pokela twisted my arm to give a talk in Helsinki – because the young people who formed the Operaatio Arktis group are trying hard to understand what is needed to preserve a bright future. So, I interrupted my book writing to prepare a talk. As often, best laid plans... my nonstop flight to Helsinki was cancelled, I spent 7 hours in old Heathrow, and slept less than 2 hours the night before my talk. Nevertheless, I think you will find that my talk, <a href="https://drive.google.com/file/d/1NGOp39Ui7UiteVds85mFkY-9NdwoiyDZ/view?usp=sharing">https://drive.google.com/file/d/1NGOp39Ui7UiteVds85mFkY-9NdwoiyDZ/view?usp=sharing</a> is reasonably succinct and clear.

After careful search we found two extraordinary fresh-outs, recent graduates, to replace Makiko Sato, who retired this year. Makiko is unique and irreplaceable, but we can use the resources for revising and improving our data, web, and communications capabilities. This will take a while, but if you are on our communications list(s) you will see results coming out soon.