

Interactive comment on “Earth’s energy imbalance and implications” by J. Hansen et al.

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Subject: Comments on Earth’s Energy Imbalance and Implications

- 1) The authors provided no calculations to justify their claimed energy imbalance of $0.59 \pm 0.15 \text{ W/m}^2$.
- 2) The authors based their conclusions on a computer model that has failed so far.
- 3) The authors claim that the earth is warming, which is not. Surface is warming but the upper atmosphere is cooling equally to surface warming, and there is no energy imbalance.
- 4) In Figure 14, the authors claim that ocean warming extends as deep as 2000 meters, which the Argo floats project does not confirm.
- 5) The authors claim that the atmosphere is holding more moisture with surface warm-
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ing, which disagrees with observations including the observations of Dessler 2010. Moisture content in the atmosphere as a whole has not changed.

6) The subject paper is based on other flawed papers that were challenged. Authors of the subject paper have not addressed the comments of challengers yet.

7) The subject paper is based on the greenhouse gas effect science that is unrecognized by Russians, Chinese, Indians, and much of the west.

Based on these few observations extracted from the paper, the subject paper should not be published. It does not follow the scientific methodology of proof, it disagrees with observations, it is based on flawed referenced papers, and it utilizes a flawed science that is unrecognized by most of the world.

Sincerely,

Nabil Swedan

Interactive comment on Atmos. Chem. Phys. Discuss., 11, 27031, 2011.