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**A new global well-posedness for the damped Boussinesq equations.** (English) Zbl 1414.76048  
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Summary: In this paper, we obtain global well-posedness for the  $d$  dimensional damped Boussinesq equations by assuming some new conditions. This means that the temperature may be large enough, provided that  $\epsilon$  is a small enough constant.

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**MSC:**

- 76R05 Forced convection
- 76E20 Stability and instability of geophysical and astrophysical flows
- 86A10 Meteorology and atmospheric physics
- 86A05 Hydrology, hydrography, oceanography
- 49K40 Sensitivity, stability, well-posedness
- 37N10 Dynamical systems in fluid mechanics, oceanography and meteorology

**Full Text:** [DOI](#)

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