

The Physics-First Hat — A Custom FAQ Track

For engineers, physicists, thermodynamicists, and scientifically trained readers who've watched climate models with quiet concern — and are ready to bring first principles back to the centre.

? Is this book finally bringing physics back into climate?

Yes — and not a moment too soon.

For years, many of you have said (or thought):

"This model violates the Second Law."

"Where's the entropy accounting?"

"These feedbacks look reverse-engineered."

And you were right — but the conversation was dominated by consensus, correlation, and policy.

This book puts physical law back where it belongs: at the heart of scientific evaluation.

It's not ideology. It's not denial.

It's **discipline**.

? Why haven't these critiques been taken seriously until now?

Because physics-first thinkers have often worked in silos:

- Engineers spotting unbalanced flows
- Thermodynamicists flagging entropy errors
- Radiative physicists seeing overextensions of forcing logic

But you weren't loud — and the conversation was overtaken by high-level modelling, policy narratives, and media messaging.

This book brings those silos together into a unified diagnostic framework.

You're not alone. You were ahead.

? What exactly does this book test?

Each mechanism — from CO₂ forcing to Earth Energy Imbalance — is audited using:

-  **First Law** checks (energy balance, input/output accounting)
-  **Second Law** and **entropy flow audits**
-  **Collapse types**, including saturation falloff, causal inversion, and circular validation
-  A physics-first perspective that prioritises constraint-based science over fit-based modelling

You'll see diagnostic tables, red flag breakdowns, and prompt-driven ways to **stress-test the mechanisms yourself**.

? Will I learn anything new?

You might — but more importantly, **you'll see what you already know finally systematised**.

The book:

- Brings **entropy language into climate diagnostics**
- Classifies mechanism failures into clear **collapse patterns**

- Introduces a structured method called **AEAA** (Adaptive Evidence & Assumptions Audit)

It's not new physics — it's **old physics, properly applied**.

? What does this mean for the future of climate modelling?

It means:

- Constraint-first models must replace narrative-fitted ones
- Thermodynamic rigour must become non-negotiable
- Falsifiability must become a standard — not a threat

The era of equation-matching without energy integrity is over.

Now, models must obey the same rules you've upheld all along.

✓ Why This Section Matters

This FAQ is for:

- The quiet engineer who saw entropy gaps in radiative forcing
- The physicist who was told "you're not a climate scientist"
- The technical teacher who said, "This doesn't follow thermodynamics"

Now your voice is no longer fringe — it's **foundational**.

The claims analysed in *Rethinking the Causes of Climate Change* come directly from **published IPCC reports**, academic literature, and climate model documentation. Formulas, assumptions, and policy interpretations are cited transparently — and then tested using **first principles** of physics, thermodynamics, and logic.