



The Development of Atmospheric General Circulation Models: Complexity, Synthesis, and Computation

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KT Book Project Update, San Diego, January 2010





Status

- All chapters and foreword submitted
- 6 revised chapters and foreword in
- 2 revised chapters not in
- Review not received for chapter on land model (Bob Dickinson)-Volunteer for review?



Overall Impressions

- Book will provide unique history and current status of climate models.
- Most authors have written at “specialist” level. Implications for marketing target.
- Wider group of physical and biological scientists may find book challenging, especially due to “jargon.” Glossary may be helpful.
- Re-ordering of chapters to improve overall coherence (Washington, Fleming chapters should be adjacent. Position of IPCC chapter...ultimate or penultimate?)



Remaining Activity

- Manuscript was due at Cambridge 31 Dec 2009
- Some chapter revisions still required
- Introduction to be written
- Format issues, e.g., consistent referencing among chapters, to be addressed
- Copyrights for figures
- Marketing analysis
- Cover art-Suggestions welcome
- Submission



Cover Layout Suggested by Dave Randall

The Development of Atmospheric
General Circulation Models:
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Computation



*Leo Donner, Wayne Schubert,
and Richard Somerville, Eds.*



Current Chapter Order

- Foreword, Introduction (Held, Editors)
2. Richardson to Early NWP (Lynch)
3. Evolution of GCM Research Goals (Washington and Kasahara)
4. NWP/Climate Synergies (Senior)
5. Observations (Lau)
6. Societal Context (Fleming)
7. IPCC (Somerville)
8. Ocean Coupling (Bryan)
9. Land Coupling (Dickinson)
10. Complexity (Randall)