

Epilogue

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This volume has offered a comprehensive survey of some of the major accomplishments in the atmospheric and related sciences over the past 100 years. It is hoped that this volume will serve as an important record of the transformative accomplishments that set the direction of research and operations in the last century. It can serve as ideal reading for courses on particular topics and for introducing graduate students and new researchers to a subdiscipline, and it provides experienced researchers with a summary of accomplishments and challenges in a single compilation. We are hopeful that the online, open access availability of the articles will ensure that they have a far reach.

We would like to express our gratitude for the contributing authors of all the chapters who have put an incredible amount of work into telling a story about the past, present, and future of atmospheric and related sciences. It is only due to their tireless efforts that this volume could be published. Further, the importance of the assistance of the referees who offered countless

constructive suggestions for the improvement of the articles cannot be overstated. These articles were much longer than typical papers in American Meteorological Society journals, and the referees generously gave up their time to ensure the papers were as good as can be. Finally, the editorial assistance of Gwendolyn Whittaker and other members of the American Meteorological Society staff was invaluable: they made sure that the editorial and publishing process proceeded smoothly.

For the bicentennial or sesquicentennial of the American Meteorological Society, it is hoped that a similar volume will be produced to document changes in the field that will be experienced in the next 50 to 100 years. At that time, it will be interesting to evaluate whether the challenges and opportunities identified in these articles remained valid, or whether entirely new areas of research and operations arose that are currently unforeseen. It is even possible chapters on topics yet undiscovered may be included in such a future volume.

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