

JAMES becomes an AGU Journal

ABOUT AGU

New AGU Journal on Earth Systems Modeling

The American Geophysical Union is pleased to announce that effective immediately, it is the new publisher of the *Journal of Advances in Modeling Earth Systems (JAMES)*. *JAMES* is a peer-reviewed, open-access, all-electronic journal that advances the science of Earth systems modeling by offering high-quality scientific research articles. *JAMES* was founded by the Center for Multiscale Modeling of Atmospheric Processes, a U.S. National Science Foundation–sponsored Science and Technology Center, and the journal began publishing peer-reviewed articles in the summer of 2009. Until now, the journal has been published by the Institute of Global Environment and Society.

From the journal's inception, David Randall, a professor of atmospheric science at Colorado State University, has served as *JAMES*'s editor. We are pleased

that he has agreed to continue to serve in this capacity as *JAMES* changes its affiliation to AGU. We are also pleased to continue the publishing program and policies that have served the *JAMES* community from the beginning.

JAMES is the first all-unfettered-public-access journal to be published by AGU. Under Randall's leadership, we will seek to add more articles, not just on atmospheric models but on all aspects of Earth systems models. We are enthusiastic about this additional journal offering to our authors and readers, and we look forward to welcoming this community of Earth system modelers to AGU.

Additional information is available at <http://www.agu.org/journals/ms>.

—BILL COOK, Director of Publications, AGU;
E-mail: wcook@agu.org

✓ Officially announced at the Fall AGU Meeting in SF

✓ Editors remain the same

✓ Focus, policies, and journal description unchanged

✓ Benefits: increased exposure, AGU's publishing experience

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AGU Journals



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[AGU Journals Among Most Cited Publications in Climate Change Research](#)

Geophysical Research Letters and *Journal of Geophysical Research-Atmospheres* both ranked among the top 10 of the most highly cited research publications on climate change over the past decade...➔

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Slideshow Most Popular Just Published

Instantaneous Zonal Wind

Instantaneous, upper tropospheric zonal wind. See [zonal wind rapid](#) and [zonal wind slow rotation](#) animations.

Merlis, T. M., and T. Schneider (2010), Atmospheric dynamics of Earth-like tidally locked aquaplanets, *J. Adv. Model. Earth Syst.*, *in press*.

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News and Info

JAMES: AGU's New Open Access Modeling Journal

The *Journal of Advances in Modeling Earth Systems* (JAMES), an all-unfettered-public-access journal, is now part of AGU's highly respected journal family. For the full story, read the [Eos article](#) [pdf].

The *Journal of Advances in Modeling Earth Systems* (JAMES) is an international, open-access, scientific journal for the publication of original and updated research. JAMES is the only journal devoted to modeling Earth systems. JAMES maintains high standards of formal peer review. JAMES is committed to removing publication barriers and offers high-quality publication services at minimal cost.

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<http://www.agu.org/journals/ms/>

JAMES becomes an AGU Journal

About the Journal

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- Articles published in high-quality full text PDF, HTML, and XML.
- Internal and external reference linking, DOI registration, and forward linking via CrossRef.

Focus and Scope

- JAMES publishes research related to a wide range of problems in climate science.
- JAMES is inclusive of all aspects of Earth systems modeling.

<http://www.agu.org/journals/ms/about.shtml>



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Review

Adam H. Sobel, Eric D. Maloney, Gilles Bellon, Dargan M. Frierson, 2010: **Surface fluxes and tropical intraseasonal variability: a reassessment**, *J. Adv. Model. Earth Syst.*, **Vol. 2**, Art. #2, 27 pp., doi:[10.3894/JAMES.2010.2.2](https://doi.org/10.3894/JAMES.2010.2.2) Published 29 Jan. '10

Alan K Betts, Maria Assunção F. Silva Dias, 2010: **Progress in understanding land-surface-atmosphere coupling from LBA research**, *J. Adv. Model. Earth Syst.*, **Vol. 2**, Art. #6, 20 pp., doi:[10.3894/JAMES.2010.2.6](https://doi.org/10.3894/JAMES.2010.2.6) Published 30 Jun. '10

Research

Peter Hjort Lauritzen, Christiane Jablonowski, Mark A Taylor, Ramachandran D Nair, 2010: **Rotated versions of the Jablonowski steady-state and baroclinic wave test cases: A dynamical core intercomparison**, *J. Adv. Model. Earth Syst.*, **Vol. 2**, Art. #15, 34 pp., doi:[10.3894/JAMES.2010.2.15](https://doi.org/10.3894/JAMES.2010.2.15) Published 31 Dec. '10

Christopher Bretherton, Junya Uchida, Peter N. Blossey, 2010: **Slow manifolds and multiple equilibria in stratocumulus-capped boundary layers**, *J. Adv. Model. Earth Syst.*, **Vol. 2**, Art.#14, 20 pp., doi:[10.3894/JAMES.2010.2.14](https://doi.org/10.3894/JAMES.2010.2.14) Published 22 Dec. '10

Timothy M Merlis, Tapio Schneider, 2010: **Atmospheric dynamics of Earth-like tidally locked aquaplanets**, *J. Adv. Model. Earth Syst.*, **Vol. 2**, Art. #13, 17 pp., doi:[10.3894/JAMES.2010.2.13](https://doi.org/10.3894/JAMES.2010.2.13) Published 23 Dec. '10

Dr. Ahmad M Salah, P.E., GISP, 2010: **Tools and Algorithms to Link Horizontal Hydrologic and Vertical Hydrodynamic Models and Provide a Stochastic Modeling Framework**, *J. Adv. Model. Earth Syst.*, **Vol. 2**, Art. #12, 14 pp., doi:[10.3894/JAMES.2010.2.12](https://doi.org/10.3894/JAMES.2010.2.12) Published 6 Dec. '10

Joon-Hee Jung, Akio Arakawa, 2010: **Development of a Quasi-3D Multiscale Modeling Framework: Motivation, basic algorithm and preliminary results**, *J. Adv. Model. Earth Syst.*, **Vol. 2**, Art. #11, 31 pp., doi:[10.3894/JAMES.2010.2.11](https://doi.org/10.3894/JAMES.2010.2.11) Published 16 Nov. '10

Peter A Bogenschutz, Steven K Krueger, Marat Khairoutdinov, 2010: **Assumed Probability Density Functions for Shallow and Deep Convection**, *J. Adv. Model. Earth Syst.*, **Vol. 2**, Art. #10, 24 pp., doi:[10.3894/JAMES.2010.2.10](https://doi.org/10.3894/JAMES.2010.2.10) Published 18 Oct. '10

Kerry Emanuel, Kazuyoshi Oouchi, Masaki Satoh, Hirofumi Tomita, Yohei Yamada, 2010: **Comparison of Explicitly Simulated and Downscaled Tropical Cyclone Activity in a High-Resolution Global Climate Model**, *J. Adv. Model. Earth Syst.*, **Vol. 2**, Art. #9, 9 pp., doi:[10.3894/JAMES.2010.2.9](https://doi.org/10.3894/JAMES.2010.2.9) Published 11 Oct. '10

<http://james.agu.org/index.php/JAMES/issue/view/2010>



Create an online magazine for public outreach

- Mission: To foster cross-disciplinary conversations about current topics related to climate change, and to promote climate literacy among university students, scientists and scholars, and the broader general public.
- Planning group provided input, and helped draft description
- Initial website created

<http://cavern.atmos.colostate.edu/~rames/climatesense/>



ClimateSense

A publication for multi-disciplinary articles related to the Earth's climate

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Progress on desertification?

By Niall Hanan

Published on November 9, 2010



"The history of every Nation is eventually written in the way in which it cares for its soil." These are the famous words of U.S. President Franklin D. Roosevelt spoken on March 1, 1936 at the signing ceremony for the Soil Conservation and Domestic

Allotment Act. The new law set in motion a series of policies and incentives for farmers designed to safeguard American soils and prevent re-occurrence of the infamous dustbowl conditions of the early 1930's when drought and poor land use practices led to extensive erosion and abandonment of farms across the North American Great Plains.

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The Road to Copenhagen: How did we get here?

By Michele Betsill

Published on November 8, 2010



Delegates from more than 180 countries will meet in Copenhagen, Denmark 7-18 December to negotiate a new global climate change

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Clouds: The Wild Card of Climate Change

By Dave Randall

Published on November 5, 2010



As discussions about climate change continue, one critical factor about this phenomenon has remained largely unknown to the public: the important but enigmatic role of clouds in climate change. The role of clouds is important because at any given time about 70 percent of the Earth is covered by clouds. The role of clouds is enigmatic because clouds can exert opposing forces: Some types of clouds help cool the Earth and some types of clouds help warm it. Which effect will win out as our climate continues to change? So far, no one is

certain.

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Take it slow

By Bodhi

Published on November 1, 2010

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